



THE OHM TOWN NEWS

Voice of the Bridgerland Amateur Radio Club

February 2007

>>>>>> <http://www.barconline.org> <<<<<<<

PRESIDENTS MESSAGE

Homebrew projects

Our first meeting of 2007 has come and gone. I think it was a great success. Many people brought various homebrew projects from the small (like a single frequency CW transmitter and a vice grip clamp antenna base) through the medium sized (like a power distribution box, antenna "tuner" and a CW keyer) to the large (a two meter yagi.) While all the projects were very interesting there seemed to be a lot of interest around Erik KD7YKQ's CW Keyer project and Neil KC7GCL's Hamfest Buddy CW Transmitter.



The CW Transmitter looked like a great project for someone wanting some practice with simple circuits. At four resistors, one inductor, two capacitors and a crystal plus some

thin wire the project is not only simplistic and easy to solder, it is also very portable. Your antenna can fit in a 35mm plastic film canister and the nine volt battery supply will last a long time.

Erik said that half a dozen people said that they really wanted to do the CW Keyer project even if it wasn't part of the club's build it party. Don't worry, we don't have to do one or the other. We can have two or more projects going at the same time. This system has lots of bells and whistles. You can plug in a keyboard and type your code in. If you type faster than your sending rate a buffer lets you back up and make corrections. You can see what you are about to send on an LCD screen. This is just a small sample of the options available on that project.

We will have price lists for these projects at the next club meeting. It will be best if we can place group
(Continued on page 3)

HAM PROFILE

by Boyd Humpherys W7MOY

We hope all of you are watching your Ps & Qs when you happen to be touring through the fine metropolis of Providence. Otherwise if you are inclined to put your foot in the carburetor or start yakking on the cell phone and tend not to watch for the traffic signs, OR become a disorderly person in general, you might have a chance to meet one of our fine group in a professional atmosphere. Judge Allan D. Vail, KB7RBB, Justice Court Judge in Providence will probably prefer to discuss your problems prior to chatting about 2 meters, regardless of how hard you try.

Allan sports an Icom HT, also an Icom mobile rig with mag mount, which he might just want to move. Apparently no tell tale big antenna on the roof. That's strange, he probably could get away with a 500' tower, a kilowatt or two and override all protests.

When not gainfully involved for the city, nor tending two grand kids, nor working a little record extraction, nor working in the garden, nor visiting parents, you might hear him on the air. Perhaps we might cite him for willfully and maliciously not utilizing his Amateur ticket. Probably get thrown out of court, BARC might get hung for court costs, then our dues would go up. Zounds, foiled again!!!

Allan was born in Lincoln, Illinois, attended Joliet High School, then Mobile Alabama while attending a private Military school, then to Miami, Florida in the 50s, dodged the hurricanes, and shortly a three year hitch in the Marine Corps in Japan and thus an intro to an interesting tale. All of you are probably aware of the legendary Mt. Fujiama, which is quite an attraction.



(Continued on page 5)

UPCOMING ACTIVITIES 2007

February 10 (Saturday) - Club meeting
Discussion and voting on 2007 budget, a review session for
the upper class licenses, and some CW fun

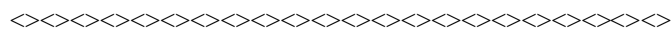
February 15 (Thursday) - UHF RACES Net 8:00 P.M.

March 10 (Saturday) - Club meeting - APRS

BARC Club Meetings are normally on the second
Saturday of the month at 10:00 A.M. on the 3rd floor
of the Cache County Sheriffs Complex on
200 North and 1225 West, Logan, Utah

ARES Meetings are usually held on the Third Wednesday of
each month at 7 P.M. at the Cache County Sheriffs Complex.
Contact Tyler Griffiths for more information.

The Bridgerland Amateur Radio Club holds a weekly net
Tuesday nights at 9:00 PM on the 146.72, the 147.26, the
145.31, the 147.20 and the 449.625 BARC Repeater System
with a PL tone of 103.5. It is a directed net and we invite all
licensed Amateur Radio Operators to check in and participate.



A Few of the Ham Radio Special Events in February

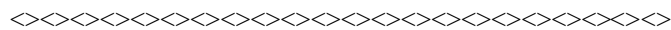
Feb 3, 1400Z-2100Z, Nacogdoches, TX. Nacogdoches
Amateur Radio Club, W5NAC. In remembrance of the
Space Shuttle *Columbia* recovery. 21.350 14.250 7.250.
QSL. W5NAC, 167 CR 2093, Nacogdoches, TX 75965.

Feb 12-Feb 16, 1400Z-2100Z, Ft Myers, FL. Fort
Myers Amateur Radio Club, W4LX. Celebrating Tho-
mas Edison's Birthday. 28.430 21.350 14.240 7.230.
Certificate. FMARC, PO Box 061183, Ft Myers, FL
33906. stellagurka@earthlink.net

Feb 17, 1700Z-2100Z, Interlachen, FL. Putnam County
Amateur Radio Club, W4SA. Hazardous Weather
Awareness Week. 28.350 14.255 7.263 146.52. QSL.
Putnam County Amateur Radio Club, Box 1447, Interla-
chen, FL 32148. w4sa.pcarc@yahoo.com

Feb 17-Feb 18, 1500Z-2100Z, Alexandria, VA. Mount
Vernon Amateur Radio Club, K4US. Commemorate
George Washington's Birthday. 28.415 14.240 7.240.
Certificate. Mount Vernon ARC, PO Box 7234, Alexan-
dria, VA 22307. www.mvarc.com

For more information about Special Events see:
<http://www.arrl.org/contests/spev.html>



Answers to questions on page 8:
1-A, 2-A, 3-B, 4-B, 5-A, 6-A, 7-A

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(Presidents Message Continued from page 1)

orders for the parts in March or the first of April so that we are sure to have the parts for our build-it party in May.

February Meeting

Our February club meeting will be on the 10th at 10:00AM in the third floor of the Cache County Sheriff's Complex at 1225 West Valley View Highway (200 North Logan). We will be holding a review session of some of the harder topics for the General Class and Extra Class Amateur Radio Licenses. If you are looking to upgrade, keep studying and take one of the online practice exams like those at eham.net or arrl.org and come prepared with questions. To break things up I hope to have a farewell salute to the code test (element 1) requirement with some fun CW activities. This is a good skill to have anyway. I've listened up and down the band and Morse Code is definitely alive and well. We will also discuss and vote on the 2007 budget.

2007 Budget

If the budget for 2007 looks familiar, it should. The 2006 budget worked so well that we are trying for a repeat performance.

We were up in our dues paying membership last year over the previous two years at 77. Thank you very much. Your contributions to the club enable us to keep our repeaters going, our snacks at club meetings and our relatively posh field day accommodations (if you wish to rough it a bit more in the tent at some other location, we may be able to make it available to you.)

We sent a number of newsletters to amateur radio operators around the valley to say "hello, we remember you" with the hopes that they would be reminded to join us in activity and membership. This increased our newsletter costs over the budgeted amount for last year, but we felt the cost was worth it. If you responded to one of those mailings by joining us, we thank you. If you have concerns or comments about the club, please feel free to contact myself or any board member or other club officer.

We were fortunate to receive a \$500.00 donation from the Top Of Utah. Each year they pick non-profit organizations to donate some of the funds to and we were one of the recipients. This helped us stay away from our savings.

We receive donations and help from others in many ways. For example we get a great deal on the Questar Promontory repeater site rental each year

thanks to Questar and Bill WA7KMF. Bill also donates the Red Spur and Wellsville repeater locations. The county sheriff's office allows us to run the 146.64 repeater and auto patch systems from their location and the county and state take care of our Mt Logan rentals. Dave N7RRZ allowed the club to list his 2m 70cm linked repeaters as one available for use. There is no way we could carry the costs of all these facilities ourselves unless we increased our income significantly.

Still, with all this help, we have been budgeting to spend a little more than we take in each year.

The repeater site rental alone is almost half of our dues cost (though if you averaged over the number of sites we have the amount is tiny.)

Field day is another big chunk, but for the cost we get a great location up away from the hustle and bustle of civilization (and it's accompanying electromagnetic interference) with lodging including running water, flushing toilets, hot showers and generator power. We had a super turnout at the dinner last year, the best up there so far. I hope to see that grow. Bring your kids or grandkids up and let them get on the air and talk to someone around the country or world. Stay over night Friday or Saturday. We could do a lot more at field day if you are willing to participate.

Newsletters also take a chunk of our funds. We appreciate those who are willing to take an electronic copy to their email address to save the club money. We appreciate Dale KB7UPW's donation of time and effort to pull it together each month.

The final big expense I want to mention is equipment costs. This matches the amount we plan on drawing from savings. As Kevin N7RXE has mentioned in the past, some of our equipment is getting old and we need to replace it. It would be better to raise extra donations to do this rather than pulling from old donations that were given to set up and maintain the system. There are new hams with new interests. I have heard from a number of people on the air and in person that they wish we had a working Internet Radio Linking Project (IRLP) node. I enjoyed the simplex 70cm node when it was up. We have a goal to get a 70cm IRLP repeater node going and have IRLP functionality at the Wellsville site on 147.20. Last year the repeater committee shuffled parts and purchased equipment to rebuild our portable repeater. It provided invaluable service in LOTOJA, one of our annual "simulated emergency tests" and is useful at other public service events. These repeater systems not only provide day to day conveniences, they also situate us to be in a better position to help ourselves and serve our community in emergencies when they happen.

Here is the proposed 2007 budget for our club. For an overview of the various categories please see the President's message in this month's OHM Town News. If you have more detailed questions, feel free to contact Jacob KD7YKO or be sure to show up to the February 2007 club meeting on the 10th where we will discuss last year's budget and the income and expense goals for this year in further detail before holding the vote.

Bridgerland Amateur Radio Club Budget 2007

<i>Category</i>	<i>Amount</i>
Income dues	\$1,500.00
<i>Transfer from savings</i>	<i>\$600.00</i>
Total Funds	\$2,100.00
Promontory repeater site rental	\$600.00
Field Day	\$375.00
<i>Repeater repairs & equipment</i>	<i>\$600.00</i>
Newsletters	\$180.00
Club fees (eg. Post Office Box rental)	\$35.00
Christmas Party	\$150.00
Socials and Refreshments	\$160.00
Total Expenses	\$2,100.00
Contingency Fund*	\$600.00

*The contingency fund is added to the budget vote to provide the board with emergency access to those funds without an additional vote should the need arise. The intention is for unforeseen repairs to repeaters or other emergency expenses. If needed the money is pulled from savings.

_____ I approve of the 2007 Budget

_____ I do not Approve of the 2007 Budget

Signed: _____ Call sign: _____

Vote on February 10th at Club Meeting, or mail your vote to P.O. Box 111, Providence Utah to arrive by February 10th. You may also send it with another club member.

(Ham Profile Continued from page 1)

Some 12,600' in the air and a "must climb" tag for all natives as well as other fool hardy tourists who are mostly out of shape. It seems his Company commander thought the whole company ought to climb Mt. Fuji, at night time no less. Now this was done for the honor of the Corps, you understand. Penalties ranging from death to 6 years on KP encouraged all to make the attempt. So at 5 pm, the whole Marine contingent started up the hill. Allan indicated there were probably a couple of hundred other natives on the climb as well as this bunch of America's finest. Fathers, moms, toddlers, grand parents, and to make matters worse, great numbers of small scouts who were all over the place. Guess who took the spotlight in the climb? To make matters worse, there were regular rest stops with cordial attendants who plied those who were thirsty, with beer & saki. This generosity seemed to take its toll, however Allan and 45 other teetotalers led the group in the assault gaining a view not many have seen.

In 63 Allan began an interesting career in Law enforcement. He served as deputy sheriff in Lompoc, CA, then a 6 ½ year stint with the California Highway Patrol. Then an interest led him to take the test for the Border Patrol with duty at Laredo and Corpus Christie. Incidentally he endured a couple of gunfights while there with those who persisted in crossing the Rio Grande. BARC doesn't require that kind of duty.

He then transferred to Springfield Illinois and worked for the Emigration service, and people smuggling operations. A similar spat next with the Metro Drug force in Las Vegas, again with the anti smuggling division.

It was here he met and married Susan Albrecht, native of Logan who was working for the IRS, (Irresistible Refund Source). They wanted to come back to Cache Valley and she did while he awaited a new job with BLM and involvement with Oil & gas theft, plus the successful pursuit of those who made big bucks out of lifting Indian artifacts, Christmas trees, and even cultivating bumper crops of Marijuana. Due to his efforts, those misdemeanors proved to be an expensive venture for many individuals.

Allen has been the Justice Court Judge in Saurkraut town for some 16 years, has heard all the excuses, acts with an understanding heart and will talk Ham stuff on the side. He good spouse supports his radio interests, as long as all the other broken stuff gets fixed in timely order. A busy couple and welcome to BARC country. 73s

The ARRL Letter Vol. 25, No. 50 Dec 22, 2006
AO-51 "Echo" is now carrier-access:

AO-51 "Echo" satellite users no longer need to transmit a 67-Hz CTCSS subaudible tone to enable the satellite's transponder. AMSAT Vice President of Operations Drew Glasbrenner, KO4MA, reports AO-51 is now a carrier-access satellite. The change was aimed at improving worldwide access to AO-51, especially from those areas where CTCSS-equipped transceivers are less common. Check the AO-51 operating schedule <<http://www.amsat.org/amsat-new/echo/ControlTeam.php>> before using the satellite! -- AMSAT News Service



The ARRL Letter Vol. 26, No. 02 Jan 12, 2007
==>CALIFORNIA RADIO AMATEUR HAS
ROLE IN RESCUE AT SEA

A radio amateur from California played a significant part in an international effort to rescue a US sailor attempting to single-handedly circumnavigate the globe. Miguel "Mike" Morales, KC6CYK, of Riverside, told ARRL he was able to contact fellow radio amateurs in Chile to obtain and relay reassuring information to the family of Ken Barnes, whose 44-foot ketch Privateer was foundering off South America. A Chilean trawler, Polar Pesca 1, rescued Barnes from his disabled vessel on January 5. Upon learning of Barnes's predicament on January 2, Morales said he contacted the sailor's fiancée, Cathy Chambers, offering to see if he could make radio contact with Chile. "She mentioned that the satellite telephone was dying on him over there, so their communication was 30 to 60 seconds at a time," Morales recounted. "I was lucky enough, I got in touch with some of the Charlie Echo [CE-prefix] stations until I got to someone in Punta Arenas, and then Polar Pesca, the vessel that did the rescue." Morales speaks fluent Spanish and has visited Chile and knew "the way things operate down there." As a result, he says, he was able to obtain credible reports via his 10-meter contacts as to what was happening. Morales said he gathered information from the Polar Pesca 1 via his Chilean ham radio contacts. "I . . . relayed information as to when he [Barnes] was going to be rescued, the latitude and longitude e was at that particular time." Morales said he felt it was important for the family to know Barnes's situation and how he rescue plans were playing out. Barnes, who's 47, left Long Beach, California, late last October, hoping to be the first person to sail around the world from the West Coast. A severe storm dismasted and badly damaged the vessel and soaked his supplies. Morales maintains the Chilean Navy wasn't eager to send a military vessel to retrieve

Barnes because of the potential costs involved, and, in any case, wanted to put off the rescue until January 7. Even so, the Chilean Navy did dispatch one of the CP3 Orion aircraft Chile uses to patrol its 200-mile-offshore territorial claim. The plane spotted the foundering vessel, photographed it and even attempted to drop a life raft that missed its mark. The Chilean Navy coordinated the operation and recruited the Polar Pesca 1 to undertake the actual rescue, although the US Coast Guard reportedly has agreed to cover the expense, Morales says. At that point he was able to pass along news to the family that the trawler was en route to Barnes's location. "The main thing is, Ken Barnes is back, is alive," Morales said. "What I did was on behalf of the US ham radio community, I believe. That's what you're there for." Barnes returned home to California this week, and Morales was among those on hand to welcome him. The City of Riverside has announced plans to honor Morales, who says he's "a very low-key type of person" and not fond of being in the media spotlight. Barnes's family and friends, armed with information Morales provided, tipped off the news media, and Morales was interviewed, photographed and videotaped by reporters from the Los Angeles Times, ABC, CBS, NBC and Telemundo.

ITU Radiocommunication Sector (ITU-R) working parties for the past three years. The report provides background information on each WRC-07 agenda item, various methods of addressing the agenda items and the advantages and disadvantages of each. "The inclusion or exclusion of single words in the draft CPM Report has been the topic of spirited debate, which no doubt will continue at the CPM." Representing the IARU at the CPM will be IARU President Larry Price, W4RA, and Technical Representative Ken Pulfer, VE3PU. Other Amateur Radio representatives will be part of national delegations. Regional and national preparatory meetings leading up to WRC-07 continue. The IARU's three regional organizations are responsible for participating in the work of the regional telecommunications organizations, including but not limited to CEPT (Europe), ATU (Africa), CITEL (the Americas), and APT (Asia-Pacific). Domestic preparations are the responsibility of the IARU member-societies in the respective countries. The triennial conference of IARU Region 2 is another major 2007 IARU event. It takes place September 9-14 in Brasilia, Brazil.

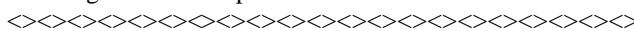


==>WRC-07 PREPARATIONS DOMINATE INTERNATIONAL AMATEUR RADIO UNION CALENDAR

Preparations for World Radiocommunication Conference 2007 (WRC-07) dominate this year's International Amateur Radio Union (IARU) calendar. The International Telecommunication Union (ITU) gathering will get under way in Geneva on October 22 and continue through November 16. Some items on the WRC-07 agenda have the potential to directly or indirectly impact Amateur Radio. "Agenda items of particular interest to the Amateur Services involve allocations in the 4-10 MHz range, a possible secondary allocation to the Amateur Service at 136 kHz, the modification of footnotes to the Table of Frequency Allocations, and the selection of agenda items for future WRCs, the next of which is tentatively slated for 2011," reports IARU Secretary David Sumner, K1ZZ, in the latest edition of the IARU E-Letter <<http://www.iaru.org/e-letter/>>. WRC-07 agenda item 1.13 will review allocations to all services between 4 and 10 MHz, excluding allocations from 7.0 to 7.2 MHz—settled to the advantage of Amateur Radio during WRC-03. Starting in March 2009, radio amateurs will enjoy a worldwide 200 kHz segment on 40 meters. WRC-07 agenda item 1.15 will consider establishing a secondary Amateur Radio Service allocation in the band 135.7 to 137.8 kHz. Several countries already have allocated that LF spectrum to Amateur Radio, although the FCC several years ago turned away an ARRL proposal to create a sliver band there for ham radio. The next major WRC-07-related event is the Conference Preparatory Meeting (CPM) in Geneva February 19 through March 2. "The CPM will finalize the technical report that will guide the WRC delegates' work," Sumner says. He explains that drafting of the CPM Report has occupied several

CubeSats get OSCAR numbers:

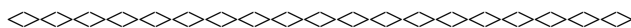
AMSAT OSCAR coordinator Bill Tynan, W3XO, has announced that the RAFT-1 and ANDE Amateur Radio CubeSats have been issued OSCAR numbers. Both spacecraft were placed into Earth orbit from the space shuttle Discovery on December 21 and are projects of US Naval Academy Satellite Lab. RAFT-1 has been designated as NAV-OSCAR-60 or NO-60. ANDE has been designated as NAV-OSCAR-61, or NO-61. The RAFT-1 and ANDE ham radio payloads digipeat 1200 bps packet on 145.825 MHz. When it's enabled, RAFT-1 has a PSK31 uplink from 28.117 to 28.120 MHz with the downlink also on 145.825 MHz. For more information, visit the ANDE, RAFT, NMARS & FCAL Operations Web page, <<http://www.ew.usna.edu/~bruninga/ande-raft-ops.html>>.



**The ARRL Letter Vol. 26, No. 03 January 19, 2007
==>PRESIDENT EXPRESSES APPRECIATION TO AMATEUR RADIO OPERATORS**

President George W. Bush has written the ARRL to recognize the just-ended Hello Amateur Radio public relations campaign and to extend "greetings to all those celebrating 100 years of voices over the airwaves." The president said the centennial of Reginald Fessenden's landmark Christmas Eve 1906 voice broadcast "opened the door for technological advances" that improved the lives of people around the world. "I appreciate all who work in radio, and I am grateful to the Amateur Radio operators who provide emergency communications that help make our country safer and more secure," President Bush wrote. "Your good work strengthens our society and represents the American spirit." ARRL Media and Public Relations Manager Allen Pitts, W1AGP, conceived and developed the Hello campaign. He says that while that initiative is formally over, ARRL public informa-

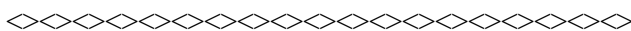
tion coordinators and officers will take advantage in the new year of the momentum it generated. "As we begin launching the new Emergency Communications campaign, the friendships and goodwill developed in Hello will aid in future promotions of Amateur Radio," Pitts commented. "For 100 years, radio in its many forms has saved lives and aided in crises. We have a great legacy and a bright future." The grand finale of the Hello campaign December 29-30 involved special event operations from W1AW (see The ARRL Letter, Vol 26, No 02, Jan 12, 2007), W1F at Brant Rock, Massachusetts, and GB1FVT in Scotland. The theme of the ARRL's 2007 public relations initiative is "Ham Radio . . . Getting the Message Through for your Family and Community." It will focus on Amateur Radio's capability to provide reliable emergency communication when traditional systems fail or become overloaded.



The ARES E-Letter January 17, 2007
NIMS IMPLEMENTATION FOR
NONGOVERNMENTAL ORGANIZATIONS
APPLIES TO ARES

Local government often calls on nongovernmental organizations (NGOs) for assistance. NGOs are non-profit entities working cooperatively with government. Such organizations serve a public purpose, not a private benefit. Examples of NGOs include faith-based charity organizations, the American Red Cross, and ARES (ARRL). The National Incident Management System (NIMS) enables responders from different communities with a variety of job responsibilities to better work together. NIMS uses a systems approach to integrate the best of existing processes and methods into a unified national framework for incident management. The NIMS Integration Center recommends 14 activities for NGOs that support NIMS implementation. The IC recommends that NGOs formally adopt NIMS, and identify a Point of Contact for local emergency management authority. Other recommendations include use of the Incident Command System (ICS), an excellent organizational tool. The use of ICS aligns the NGO with all other responding entities so that deployment is accomplished in a consistent, efficient and effective manner. ICS implementation must include the consistent application of Incident Action Planning and Common Communications Plans. The IC also recommends supporting "Integrated Multi-Agency Coordination Systems (MACs)" to ensure the NGO is able to communicate with local Incident Command Posts (ICPs), local 911 Centers, and EOCs. Other recommendations include establishing a public information system, revising plans and SOPs with NIMS, promoting Mutual Aid, exercising NIMS by participating in NIMS-based exercises, inventorying Response Assets using the Resource Typing standards found at: <http://www.fema.gov/emergency/nims/mutual_aid.shtml>, and sharing this inventory with local emergency management authority. Training may include IS-700 NIMS: An Introduction, and IS-800 NRP: An Introduction; Incident Command System (ICS-100) and Incident Command System

(ICS-200). For guidance, refer to: <http://www.fema.gov/emergency/nims/nims_training.shtml> A Fact Sheet, "NIMS Implementation Activities for Nongovernmental Organizations" is available at <<http://www.fema.gov/emergency/nims/NIMS-Integration-Center@dhs.gov>>



FCC's Morse Code Report and Order
WT Docket 05-235

Summary: FCC modifies the Amateur Radio Service rules, eliminating Morse code exam requirements. The new rules become effective at 12:01 AM Eastern Time Friday February 23, 2007.

ARRL PUBLICATIONS BULLETIN -
January 26, 2007

Morse Code Requirement Ends Friday, February 23

Morse Code Requirement Ends

The FCC has modified the Amateur Radio Service rules, eliminating Morse code exam requirements. The new rules become effective at 12:01 AM Eastern Time Friday February 23, 2007. The rule changes will grant limited HF operating privileges to Technician licensees on 80, 40, 15, and 10 meters. Once the new rules take effect, Technicians can upgrade to General by passing a single written exam (Element 3) and to Amateur Extra by also passing the Element 4 written exam. No Morse code test will be required. For more information, please visit the ARRL web site at www.arrl.org/FCC/Morse. Make ARRL your first choice for **license and upgrade** training. Visit www.arrl.org/study.



A discussion of a project at the January BARC club meeting.

Questions for Technician License

1. (T1A05) When is an amateur station authorized to transmit music?
 - A. Amateurs may not transmit music, except as an incidental part of an authorized rebroadcast of space shuttle communications
 - B. Only when the music produces no spurious emissions
 - C. Only when the music is used to jam an illegal transmission
 - D. Only when the music is above 1280 MHz, and the music is a live performance
2. (T3A09) What effect does the D region of the ionosphere have on lower-frequency HF signals in the daytime?
 - A. It absorbs the signals
 - B. It bends the radio waves out into space
 - C. It refracts the radio waves back to earth
 - D. It has little or no effect on 80-meter radio waves
3. (T6A12) What is meant by the term "DX"?
 - A. Best regards
 - B. Distant station
 - C. Calling any station
 - D. Go ahead
4. (T8A06) What would you connect to a transceiver to send Morse code?
 - A. A key-click filter
 - B. A telegraph key
 - C. An SWR meter
 - D. An antenna switch
5. (T8F09) What is used to measure relative signal strength in a receiver?
 - A. An S meter
 - B. An RST meter
 - C. A signal deviation meter
 - D. An SSB meter
6. (T0D07) What factors determine the location of the boundary between the near and far fields of an antenna?
 - A. Wavelength and the physical size of the antenna
 - B. Antenna height and element length
 - C. Boom length and element diameter
 - D. Transmitter power and antenna gain
7. (T0F03) What document establishes mandatory procedures for evaluating compliance with RF exposure limits?
 - A. There are no mandatory procedures
 - B. OST/OET Bulletin 65
 - C. Part 97 of the FCC rules
 - D. ANSI/IEEE C95.1--1992

**THE OHM TOWN NEWS
PO BOX 111
PROVIDENCE, UT 84332**



February, 2007

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