



KEY KLIX

Amateur Radio Club of Savannah

April 2007

Volume 3

Issue 4

REMINDERS:

The next meeting of the Amateur Radio Club of Savannah will be held, Tuesday, April 10, 2007 7:30pm, at Memorial Health University Center, in the Hoskins Building Classroom "5." The Hoskins building is on the South Side of the hospital near Parking Garage "C." Enter the Hoskins Building on the side that faces the Parking Garage "C." Ideas for the 2007 Field day will be discussed. There will be a short program to follow the meeting.

There will be a "Weather Spotter Class," April 5th, 7:00pm-9:00, at the Chatham County Annex Building located at 295 Police Memorial Drive, Savannah, Georgia, 31405. To reserve a spot in this class...please call Dustin Hetzel at 912-201-4500, or email him at DJHetzel@Chathamcounty.org

You can also call Todd Hargrave at 912-313-1165 or email at kd6ryq@arrl.net

SEVERAL HAM ASTRONAUTS TO LAUNCH IN 2007

There will be several ham astronauts going to space in upcoming shuttle missions.

Hail damage of the fuel tank of the next shuttle to launch, has delayed future launches at this time.

Barbara Morgan, KD5VNP, is an Educator Astronaut, Mission Specialist, a classroom teacher, and also a fully trained astronaut. She was also the backup to the first Teacher-in-Space, Christa McAuliffe, who died with six other astronauts in the 1986 explosion of the Space Shuttle Challenger.

Expedition 15 Flight Engineer Sunita L. Williams, KD5PLB, will return on STS-118 to Earth from her six month tour on the Space Station. Williams joined the Expedition-14 in progress and has been on the Space Station since December 11, 2006.

STS-118 will carry her replacement, Flight Engineer Clayton C. Anderson, KD5PLA, to the station. He will return home aboard Atlantis on Mission STS-120.

Later this year, STS-120 (Shuttle Atlantis) is scheduled to deliver more construction and power parts to the Space Station. On the crew of STS-120 are ham operators: Scott E. Parazynski, KC5RSY, Stephanie D. Wilson, KD5DZE, and Daniel M. Tani KD5DXE. Tani will replace Anderson on the Space Station and will return to earth on shuttle mission STS-122

Commander of STS-122 is Stephen N. Frick, KD5DZC and Mission Special Hans Schlegel from the European Space Agency is DG1KIH. Primary payload for STS-122 is the European Space Agency's Columbus Laboratory. Plans are to have the research laboratory house an additional Amateur Radio station. Equipment will include the first digital Amateur Radio TV (DATV) station in space as well as a ham radio transponder. -- *NASA/W5YI Report*

MILITARY MONITORING PART 4: UNIT FREQS

Mac McCormick, KF4LMT
kf4lmt@comcast.net

An article in Key Klix is definitely not enough space to list frequencies for military units that can be heard from the Savannah area. With this month's article, I'll list those that can be easily heard in Savannah on a daily basis. If you are interested in a more exhaustive list, drop me an email.

Hunter AAF

The 3rd Aviation Brigade of the 3rd Infantry Division is based at Hunter AAF. The brigade is broken down into 4 battalions of helicopters. 1-3 Aviation flies the AH-64D Apache Longbow. 2-3 Aviation flies UH-60L and UH-60A Blackhawks and the CH-47D Chinook. 3-3 Aviation flies the AH-64D Apache Longbow. 4-3 Aviation flies the UH-60L Blackhawk. F-131 Aviation is a Georgia Army National Guard unit that flies the CH-47D Chinook. Each unit has an operations office, which has an assigned frequency. The aircraft use that "Ops" frequency to communicate maintenance information, mission information, or anything else back to the unit. Additionally, the United States Coast Guard's Air Station Savannah is located at Hunter AAF, which uses a UHF frequency to communicate between their HH-65C Dolphins and the Air Station, "Savannah Air."

45.900	1-3 AVN OPS
49.800	2-3 AVN OPS
32.350	3-3 AVN OPS
49.900	4-3 AVN OPS
38.150	F-131 AVN OPS
139.400	F-131 AVN OPS
345.000	USCG Air Station

Savannah International Airport

Savannah International Airport is home to the 165th Airlift Wing of the Georgia Air National Guard. The 165th AW flies the C-130H Hercules. They utilize a Command Post (CP) frequency, which is used somewhat like the Ops frequencies for the Army units at Hunter AAF. They also use an Air-to-Air frequency for communication between aircraft.

225.050	165 AW Air-to-Air
225.750	165 AW CP

Marine Corps Air Station Beaufort

Marine Corps Air Station (MCAS) Beaufort is home to seven squadrons of F/A-18 Hornets. Two of the squadrons fly the A+ model, three fly the C model, and two fly the D model two-seat version. 6 of the squadrons are Marine Corps squadrons (identified by the VMFA designators) and one is a US Navy squadron (identified by the VFA designator). The Marine and Navy units use terminology a bit different from the Army and Air Force/Air National Guard. Instead of an Ops or Command Post frequency, the Marine Corps and Navy squadrons utilize Base frequencies on which they call their squadron's "Base" to pass information to the unit. Instead of an Air-to-Air frequency, they use "Tac" frequencies, which are used for both air-to-air and air-to-ground use.

361.800	VMFA-115 BASE
339.500	VMFA-115 TAC 1
320.200	VMFA-115 TAC 2
253.100	VMFA-122 BASE
283.400	VMFA-122 TAC 1
354.325	VMFA-122 TAC 2
305.800	VMFA-224 BASE
250.300	VMFA-224 TAC 1
258.900	VMFA-224 TAC 2

336.225 VMFA-224 TAC 3
 313.800 VMFA-251 BASE
 290.000 VMFA-251 TAC 1
 327.475 VMFA-251 TAC 2

 228.200 VMFA-312 BASE
 301.950 VMFA-312 TAC 1
 320.300 VMFA-312 TAC 2

 310.200 VMFA-533 BASE
 289.275 VMFA-533 TAC 1
 299.300 VMFA-533 TAC 2
 348.825 VMFA-533 TAC 3

 354.400 VFA-86 BASE
 308.925 VFA-86 TAC 1
 363.825 VFA086 TAC 2

Jacksonville International Airport

Jacksonville International Airport is home the 125th Fighter Wing of the Florida Air National Guard. The 125th FW is equipped with the F-15A Eagle. Even though they are based in Florida, they are daily visitors to the airspace offshore from Georgia and are easily heard in Savannah. The 125th FW utilizes a Command Post/Maintenance (CP/MX) frequency, a Supervisor of Flying (SOF) frequency, and 4 Auxiliary (Aux) frequencies, which are air-to-air frequencies.

251.250 FANG MX/CP
 273.900 FANG SOF
 234.800 FANG AUX 6
 253.700 FANG AUX 7
 314.200 FANG AUX 8
 343.000 FANG AUX 9

Next month's article will be on Hurricane Monitoring. It will be an update of what I hope to be a yearly article on the subject. If you have any additions or corrections to last year's articles, please email them to me. Last year's articles can be found on the

ARCS website at <http://www.qsl.net/arcs/> or on my blog at:

<http://kf4lmt.blogspot.com/2007/01/hurricane-monitoring.html>

<http://kf4lmt.blogspot.com/2007/01/hurricane-monitoring-update.html>

STRAYS

WANTED: Does anyone have a 2m base antenna and some coax that they are willing to loan for a few weeks? I would grateful. I have a TS-700S 2m all-mode radio and want to try it with a better antenna. Thanks!!!
 James Markwith w1jrm@coastalnow.net

FOR SALE: #1. Kenwood TS-520 80 – 10m with desk and hand mics...Operation and Repair manuals.....\$200.....
 #2. Packet Controller MFJ 1270C / TNC-2 w/ Manuel and book by WA1LOU plus other articles....Missing 3 DIN plug cables (RS has them)...\$40
 Pete Cooley, K4JAC, Ph. 912 355-049
 E-Mail: cooley3892@bellsouth.net

FOR SALE: Radio Shack HTX-10, 10m transceiver with mobile antenna \$60
 MFJ493 Memory Keyer w/manual \$75
 Andy Blackburn, WD4AFY
 Ph. 912 238-4676 Email: andy@g-net.net

WANTED FOR FUTURE ISSUE OF KEY KLIX: I am looking for pictures of local hams when they first received their ham ticket, and pictures of them now. The before and after pictures must be at least 5 years apart. TNX, Andy Blackburn, WD4AFY, Key Klix Editor

WANTED: Articles for future Key Klix editions. TNX, Andy Blackburn, WD4AFY, Key Klix Editor

AMATEUR RADIO IN THE MOVIES

Men of Boys Town(1941 film), In this movie Whitey Marsh (Mickey Rooney) has frequent conversations with his friend Pee Wee (Bobs Watson) over the amateur radio waves. Whitey transmits from the home of his adoptive parents, while Pee Wee is at the amateur radio club in Boys Town.

The Glass Bottom Boat(1966 film) starring Doris Day, who has a "20-foot antenna," shows her corkboard full of DX QSL cards above her Collins and Marine Band gear. Day uses the marine band equipment to talk to "Pop" (played by real-life ham Arthur Godfrey, K4LIB).

The Red Tent (1971 film) is based on actual facts. The dirigible Italia crashed over the Arctic ices after flying over the North Pole in 1928. The authorities believed no one could have possibly survived the accident, until a young Russian radio amateur, Nikolai Schmidt (Nikolai Ivanov), heard on his modest radio set the faint SOS signals sent from the wreck site by Roberto Biagi (Mario Adorf).

The Anderson Tapes(1971 film) Sean Connery stars as a thief who decided to rob an entire apartment building, while unknown to him, the government is watching and listening to every move via telephoto lenses and shotgun mikes. His character disables all telephone lines, but a young boy, in a wheelchair, is able to call on his ham radio and summon aid.

Testament(1983 film) Nuclear war in the United States is portrayed in a believable manner. Ham radio is used by an old man and then a boy after the old man dies to try to reach outside the small town.

High Frequency(1989) in which a young ham and a satellite-relay operator become witnesses to a murder and must find a way to warn the murderer's next target.

Pump Up the Volume (1990 film). A teenager's father provides him with amateur radio equipment to keep in touch with his friends on his native east coast when his job transfers him to Arizona.

Look Whos Talking Now(1993 film) When Kirstie Alley, John Travolta, and the kids find each other at the ranger's cabin, the ranger puts on the Ham radio so the kids can hear Santa.

Phenomenon (1996 film) starring John Travolta playing George Malley, has the hero's friend Nate Pope (Forest Whitaker) relaxing from his concerns by talking to friends on his ham radio.

Independence Day(1996 film) Several Military Officers use Code to transmit information around the world. Ham Radio is mentioned by a newscaster.

Contact(1997 film) starring Jodie Foster playing Dr. Arroway, opens with the heroine operating a Collins ham radio transceiver as a child using the call W9GFO. She later becomes a researcher working in SETI.

The Sweet Heareafter(1997 film) Ian Holm plays Mitchel Stephens, features a scene where a man is sitting at a table, holding a pair of communication headphones up to one ear. On the wall is a plastic QSL card holder full of cards.

Frequency(2000 film) John Sullivan (played by Jim Caviezel), and his father Frank Sullivan (Dennis Quaid) use ham radio to communicate; due to unusual aurora borealis activity John is able to communicate via ham radio with his father 30 years in the past. They both use classic Heathkit radio equipment.

Bob the Builder: A Christmas to Remember (2001 film) Bob has a ham radio at his office and communicates with his brother, Tom, who lives in the Arctic.

Wrong Turn (Movie 2003) Characters use an Icom HF Radio to contact a police officer from a fire watch tower while they are being chased by the mutants. The radio was set to 7.040 MHz.

Next month, Key Klix will feature some Amateur Radio shows that have aired on television.

WARNING!!!! Do not follow instructions in bogus "arrl.net user support team" e-mails (Mar 30, 2007) -- The ARRL is alerting members -- and especially users of the [ARRL E-Mail Forwarding Service](#) -- about bogus e-mails that claim to be from the "arrl.net user support team." There is no such entity, and the messages do not originate with ARRL but appear to be coming from outside the US. Recipients should **not** follow the instructions in the e-mail, which reads, "*We have received reports that your e-mail account has been used to send a large amount of unsolicited commercial email messages during this week. We suspect that your computer had been infected by a recent virus and now contains a hidden proxy server. We recommend you to follow our instructions in order to keep your computer safe.*" Following the instructions will have the opposite effect, however, infecting your computer with the *MyDoom* Trojan worm and making it part of a spamming network. The League urges all members to invest in *and use* anti-virus software.--ARRL



AMATEUR RADIO CLUB OF SAVANNAH



ARCS Elected Officers for 2007:

President: Doug Rowland, KF4EFP, (912) 826-7299, jdrowland@windstream.net

Vice President: Mac McCormick III, KF4LMT, kf4lmt@comcast.net

Secretary: Andy Blackburn, WD4AFY, (912) 238-4676, andy@g-net.net

Treasurer: David Delamater, K4DJD, k4djd@comcast.net

Activities Manager: Philip Neidlinger, KA4KOE, ka4koe@arrl.net

Trustee: Kurt Hoffman, N4CVF, n4cvf@arrl.net

The Amateur Radio Club of Savannah, was founded in 1938, and is a non-profit 501(c)(3)(a) organization dedicated to:

- (a) Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications.
- (b) Continuation and extension of the amateur's proven ability to contribute to the advancement of the radio art.
- (c) Encouragement and improvement of the amateur service through rules which provide for advancing skills in both the communication and technical phases of the art.
- (d) Expansion of the existing reservoir within the amateur radio service of trained operators, technicians, and electronics experts.
- (e) Continuation and extension of the amateur's unique ability to enhance international goodwill.