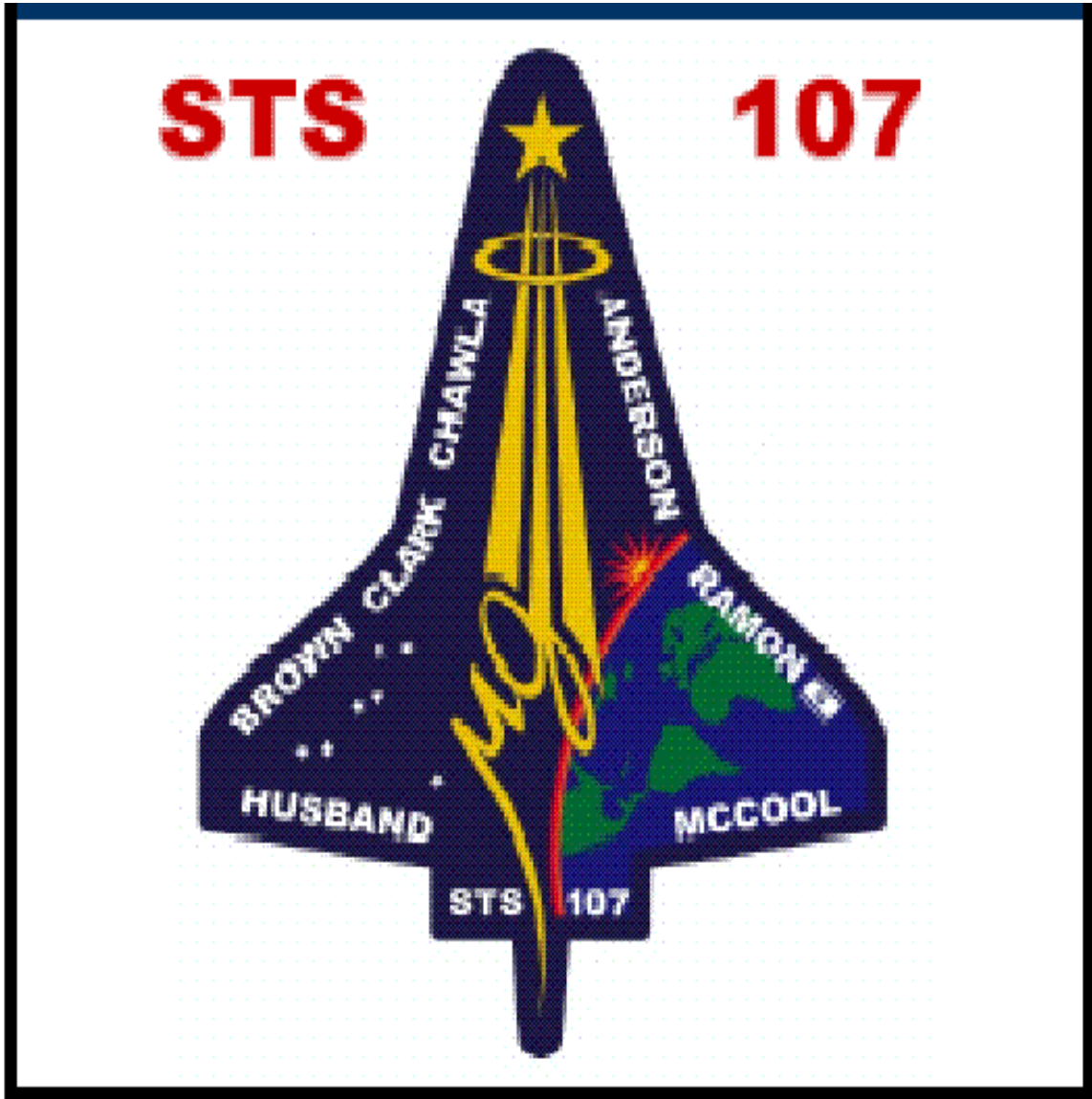


VE5AA

MARCH 2003

The Feedline

SASKATOON AMATEUR RADIO CLUB





Saskatoon Amateur Radio Club

P.O. BOX 751
Saskatoon, SK S7K 3L7

Ve5aa@qsl.net
www.qsl.net/ve5aa

**Saskatoon Amateur Radio Club
Meetings are held the 2nd Tuesday
of each month September til June.**

**Our meeting location is Alving
Buckwold School
715 East Drive – West entrance
Meeting is 0130Z (7:30PM local)
VISITORS AND GUESTS ARE
ALWAYS WELCOME!**

Articles Wanted

- * Community service events
- * Home-brew projects
- * New product reviews (by you)
- * Fotos, fotos, fotos of club events
- * Repeater activities
- * New Hams - pictures & bios.
- * Old Hams – pictures & bios.
- * Fotos of members, special activities celebrations, recognition awards, etc.

e-mail me at:- ve5lpp@rac.ca

NEXT CLUB MEETING

Tuesday, March 11, 2003
7:30 P.M.

ALVIN BUCKWOLD SCHOOL
BE THERE!

March Meeting

Ken (VE5KRB) will have a talk
on the use and
care of batteries.

Contests

- Mar 1-2 ARRL SSB DX Contest
 - Mar 9 North America Sprint RTTY
 - Mar 9 UBA Spring Contest
 - Mar 9-10 Wisconsin QSO party
 - Mar 15-16 Russian DX contest
 - Mar 29-30 CQ WW WPX SSB
Contest
-

COFFEE

**Saturdays at 10 AM
SMILEY'S ON 8TH ST
Everyone is welcome.**

**Hams, non-hams,
were there to have a
good time with good
friends.**

C'mon out & visit!

**SASKATOON AMATEUR
RADIO CLUB VE5AA**

EXECUTIVE

President Andy Paquet 931-1614
VE5APD

Past President Ned Carroll 382-1446
VE5NED

Vice President Gus Schmid 249-3996
VE5SPI

Secretary Herb Essenburg 374-4337
VE5HE

Treasurer Al Labbie 373-3188
VE5MDC

Directors

Warren Beaulé VA5WDB 934-2604
Ron Sather VE5RMS 384-5093
Ken Bindle VE5KRB 373-3403

Repeaters	Gus	VE5SPI
	Eric	VE5HG
Property	Al	VE5MDC
Training Co-ord.	Ned	VE5NED
Public Service	Executive	
Sick & Visiting	Ron	VE5RMS
Field Day	Vacant	
Elmer	Herb	VE5HE
Trailer	Ron	VE5RMS
Space Club	Vacant	
SARC Net	Bill	VE5DN
L.B.L. Rep.	Ken	VE5KRB
Coffee	Colleen	VE5CMG
50/50 Draw	Ken	VE5KW
Feedline	Les	VE5LPP

LOCAL AREA REPEATERS

VE5SK 146.640- Saskatoon SARC
VE5SCA 146.970- Saskatoonlinked
VE5CC 146.940- Saskatoon Long
VE5BRC/1 147.240+ Lizard Lake
VE5RPA 147.150+ Bellevue to PA
VE5DPR 147.270+ Keniston
VE5FS 448.000- CFCSS tone access
VE5SKN 145.210- Saskatoon MARS

ATV

VE5RHF 439.250in 1277.250out

APRS

VE5RHF 144.390 Saskatoon APRS

LOCAL AND REGIONAL NETS

Sask WX	80m	1400Z	3753 Khz
ARES (Sun.)	80m	1430Z	3753 Khz
Aurora	40m	2330Z	7055 Khz & 200Z
Manitoba	80m	0000Z	3760 Khz
Saskatchewan	80m	0100Z	3744 Khz
Alberta	80m	0130Z	3740 Khz
Local Area	2m	0200Z	146.640-
B.C.	80m	0200Z	3729 Khz
Saskatchewan	2m	0300Z	146.970-
Prince Albert	2m	0330Z	147.150+

(All nets are daily except where noted)

All Hams are welcome to check into any of these nets.



**Saskatoon Amateur Radio Club
Minutes of Meeting
February 11th 2003**

- 1 Meeting called to order by Andy VE5APD at 19:32 local time.
2 Guest welcome. Kathy Littman, with Canadian Girl Guides.
3 Moved by Ned VE5NED
Seconded by Eric VE5HG
To accept the minutes of the January meeting as published in the
Feedline.
Carried.

4 **Committee reports:**

Treasurer's report.

AI VE5MDC moved treasurer's report be accepted as presented.

Seconded by Gus VESPI

Carried.

Ham Classes

Ned VE5NED advised they were 2/3's down the road to finish in about 1 month. Comment from Jack VE5ZK to have a mentor program set in place to help the new Ham Operator. Idea was widely accepted. Ken VE5KRB also suggested that we start workshops at the club room on Wednesday evening from those that would like to come in to work on operating the equipment and anything that people might need help on. First to be next week if the interest is there.

CW Classes are basically in a lull at present with only one person, and Herb (VE5HE) out of town. We were advised that there have been six individuals who have qualified for HF with the 5 wpm CW.

5 **Old Business**

Andy VE5APD advised that the Saskatoon City Police seem to be somewhat reluctant to become involved with the Club at this time.

Mercury Press contacted by Andy VE5APD advised tours would have to be during normal business hours, with group to be no larger than 8-10 people. Anyone interested to contact Andy before next meeting.

Ron VE5RMS advised that the tour of the Light Source, on the U of S campus was on January 30th, and that 10 operators and one XYL did the tours. Brief overview of the project was outlined. Pictures and commentary to be in the March Feedline.

6 **New Business**

Club was advised that elections were fast approaching with nominations to be at the March meeting and then from the floor in April where the elections will be held.

Ken VE5KRB advised that he was taking over from AI VE5MDC to finish the installation of the Hamlink on the HF rig. AI regrets that due to other commitments that he felt he didn't have the time to put into the project.

Kathy Littman was introduced to the meeting to bring a request to the membership in helping with Guide on the Air program this Friday February 14th. She advised the would be unit of Guides coming in from Osler. Ned VE5NED has taken on the organizing of operators to help out with this program. It is one that the Club has been involved in, in previous years. Kathy was also wondering if we would be able to help out with the Thinking Day Tea. Ned said he would look into it.

Ned VE5NED advise that we would be doing comm. for the Chinese New Years parade on Saturday the 15th and took names for the day which would be from approximately 10:00 to 12:00 AM

AI VE5MDC advised that work was on going to update the inventory of assets that the Club own. Got slowed up due to a computer crash. Dam things anyway.

Storage. It was recommended by the executive at their last meeting that a committee should be struck to look into and come back with possible solutions to the problem of needed storage space. John VERJS Ron VE5RMS Ken VE5KRW Ron VA5RON and Kevin VE5BKR would form the committee.

Gus VE5SPI advised that he was (through the good graces of the (RCMP) taking a high end soldering course and that in the new year that he would be willing to run a workshop on the same.

Letter presented from the Lakeland Amateur Radio Association with regard to the up and coming Hamfest this summer to be held at Christopher Lake July 18th and 19th. They where requesting any Input with regard to programming etc. Information on file and on the web site.

Ron VE5RMS moved meeting be adjourned to coffee and the presentation from Derek VE5SD on repeaters. Time 20:40 local time.



Ron Sather VE5RMS
Acting Secretary

SWAP & SHOP ADS
Are free to
Members!

Workshops

S.A.R.C. Clubroom

Wednesday evenings at 7:00 PM

For those that would like to come in to work on operating the equipment and anything else you might need help on.



← **KC5ZTC**

Mission Specialist 1: David M. Brown

David M. Brown, 46, a captain in the U.S. Navy is a naval aviator and flight surgeon. He served as Mission Specialist 1 for STS-107. Brown received a bachelor of science in biology from the Colleg of William and Mary in 1978 and a doctorate in medicine from Eastern Virginia Medical School in 1982.

KD5ESI →

Mission Specialist 2: Kalpana Chawla

Kalpana Chawla, 41, is an aerospace engineer and an FAA Certified Flight Instructor. Chawla served as Flight Engineer and Mission Specialist 2 for STS-107. She received a bachelor of science in aeronautical engineering from Punjab Engineering College, India, in 1982, a master of science in aerospace engineering from the Universit of Texas-Arlingto in 1984, and a doctorate in aerospace engineering from the University of Colorado-Boulder in 1988.



← **KC5ZSU**

Mission Specialist 4: Laurel Blair Salton Clark

Laurel Clark, 41 a commander (captain-select) in the U.S. Navy and a naval flight surgeon, was Mission Specialist 4 on STS-107. Clark received a bachelor of science in zoology from the University of Wisconsin-Madison in 1983 and a doctorate in medicine from the same scool in 1987.



**The four other crew members
that were lost in the February
1st Shuttle Disaster**



**Commander
Rick Husband**



**Payload Commander
Michael Anderson**

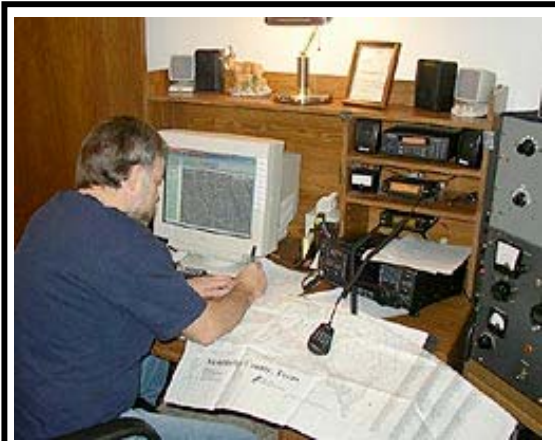


**Pilot
William McCool**



**Payload Specialist
Lilan Ramon**

Amateurs assist in search for shuttle debris...



Jeff Clark, K5NAC, serving as a net control station for the debris recovery operation, consults his map of Nacogdoches County, Texas, where some shuttle debris has turned up. (AE5P foto)

In Texas, Amateur Radio Emergency Service and SKYWARN volunteers this week have continued to assist federal, state and local officials and relief organizations in their search for shuttle *Columbia* debris and remains of the crew members.

"Ham radio has proven to be the only reliable communications options during the recovery effort," said Public Information Officer Tim Lewallen, KD5ING, of the Nacogdoches Amateur Radio Club in ARRL's North Texas Section. "The communications systems used by other federal and state organizations cannot penetrate 'The Pine Curtain' as we know it in East Texas," he said. "The dense forests and hilly terrain just swallow up most radio traffic, and even county sheriff and county fire department radio systems have serious blind spots."

Lewallen says federal authorities have requested that every survey team have at least one Amateur Radio operator along to help keep the recovery efforts coordinated and organized. Hams are using the Nacogdoches ARC VHF SKYWARN repeater.

"Coverage has been excellent," Lewallen said. Coordinating the effort in East Texas was Kevin Anderson, KD5CCH, of Nacogdoches SKYWARN and Jim Lawyer, AA5QX, and Johnny Davis, K5JD, of Dallas

County Radio Amateur Civil Emergency Service (RACES). He also cited the reliability of EchoLink connections among the various groups as key to getting the operation up and running and keeping it running smoothly.

Lewallen said the amateurs are working with a variety of agencies, including NASA and the Federal Emergency Management Agency under supervision of the Nacogdoches Emergency Management Coordinator Robert Hurst, who's serving as incident commander.

In the ARRL South Texas Section, Alan Hayes, NE5AH, today reported that hams still were needed to assist in the search effort there. "We have an urgent need for operators in the San Augustine County area east of Lufkin, Texas, to assist in the recovery effort," he said. Hayes says a substantial amount of the debris recovery yet to be done—he estimates 50 percent—is in San Augustine County, which has few active hams. Hayes says hams from his county, Angelina, have picked up the slack. Debris from the *Columbia* has been recovered in more than three dozen Texas counties, and the search now has moved into parts of Arizona and California.

"We currently have the infrastructure and portable repeaters in place, thanks to all of the volunteer efforts from outside of our area," Hayes said. Volunteers have been making use of a portable repeater donated by the Garland Amateur Radio Club and set up in San Augustine.



The command van at the John L. Lightfoot Centre—the emergency command centre—in Nacogdoches. Liaison Henry Middlbrook, N5SHL is working with federal, state and Local authorities. (AE5P foto)

Hayes says that two dozen or more operators are needed each day, and he expects that need to continue for the next three weeks.

"To date, Amateur Radio has proven to be the only reliable communications in this area of operations, and approximately 25 operators per day have been needed," Hayes concluded. "Thus far, alternative communications from sources other than Amateur Radio have not been successful."

Other agencies involved in the effort include the Texas Department of Public Safety, Texas Department of Transportation, the FBI, local law enforcement and fire departments and National Guard units from Texas and elsewhere. Relief organizations include the American Red Cross, The Salvation Army and the Texas Baptist Men's Kitchen. The Salvation Army also has been using Amateur Radio for its communications needs.

Source:- ARRL



**ARES
Saskatoon**

MARCH ARES MEETING

There will be no regular ARES meeting on March 17, 2003 as we will be having a tour of the new tower at the Diefenbaker Airport. Anyone wishing to take in the tour please get ahold of Ron (VE5RMS) at:-

384-5093
or
rmsather@sasktel.net

ELECTIONS

Nominations will be taken at the March General Meeting of the Saskatoon Amateur Radio Club. The following positions are to be filled:- President, Vice President and one director. These are to replace Andy Paquet (VE5APD), Gus Schmid (VE5SPI) and Warren Beaulé (VA5WDB), whose terms are up this year.

Nominations will also be Accepted from the floor at the April General Meeting, which is election night.

Please consider letting your name stand for office as new people on the executive are always good for the club. its also not fair for the same people to be doing all the work year after year.

When nominating someone, please get their permission beforehand.

...In the war of 1812, started by America, Canadians pushed the Americans back...past their "White House". Then we burned it...and most of Washington, under the command of William Lyon McKenzie who was insane and hammered all the time. We got bored because they ran away, so we came home and partied...Go figure.

Club members tour Light Source...



On January 30th members of the Saskatoon Amateur Radio Club took a tour of a facility that is being constructed on the University of Saskatchewan. The following is a very brief outline and a few pictures.

University of Saskatchewan in Saskatoon. The football field-sized, \$173.5-million Canadian Light Source synchrotron project is a unique national facility that will light the way to a new era of science and innovation for both academe and industry. **Canadian Light Source Inc.** (CLSI) is wholly owned by the U of S and funded by federal, provincial, municipal, industrial and academic sources. It will begin operations in January, 2004.

What's a Synchrotron?

A synchrotron acts like a gigantic microscope that generates intense beams of brilliant light to view the microstructure of materials.

A synchrotron produces extremely bright light -- millions of times brighter than the sun -- by using powerful magnets and radio frequency waves to accelerate electrons to nearly the speed of light.

This infra-red, ultraviolet and X-ray light is shone down beamlines to endstations (small laboratories) where scientists can select different parts of the spectrum to "see" the microscopic nature of matter, right down to the level of the atom. This "super microscope" can be used to probe the structure of matter and analyze a host of physical, chemical, geological and biological processes. Information obtained by scientists can be used to help design new drugs, examine the structure of surfaces in order to develop more effective motor oils, build more powerful computer chips, develop new materials for safer medical implants, and help with clean-up of mining wastes, to name just a few applications.

The CLS is one of only a handful of "third-generation" synchrotrons in the world. Third-generation synchrotrons have devices inserted to produce even more light from the electron stream. This makes it possible to do such things as medical imaging faster and cheaper and to "see" much smaller entities than has been possible before. This first-in-Canada 2.9 GeV (gigaelectron volts) synchrotron light source will be fully competitive with the best available internationally and is expected to attract industrial and academic researchers from coast to coast.

