

Royal Astronomical Society of Canada

GENERAL ASSEMBLY 1994



St. John's, Newfoundland
JUNE 30 - JULY 4

Program



On a clear winter night one might sit on the steps of the R.C. Basilica of St. Jean the Baptiste and while overlooking the older section of St. John's, eagerly await the rise of the constellation of Orion in the southern sky.

This was the inspiration for this year's General Assembly logo. The original design was thought up by Garry Dymond to be used as the Masthead of our newsletter. A friend, Don Burton, was responsible for the artwork.

The Indian Warrior appears to be rising between the Narrows with Cabot Tower in the background. You will notice he carries a shield depicting the map of this fair province. It is thought that this may have been the way the Beothucks, our Newfoundland native aborigines might have interpreted this star arrangement.

W E L C O M E !

Welcome all RASC members to St. John's, Newfoundland, North America's oldest city (497 years old this year! What are you doing in 1997?). All of us from the St. John's Centre are pleased that you have come to this years General Assembly. We also understand that for many of you it will be your first visit to Newfoundland, so we hope you will take some time to explore our ruggedly beautiful province. We hope you have an enjoyable stay here and please do not hesitate to ask us for any help we may be able to offer.

**MALCOLM SIMPSON,
PRESIDENT, ST. JOHN'S CENTRE.**

MEMBERS AND GUESTS OF THE RASC:

It gives me great pleasure to welcome you to the 1994 General Assembly of the Royal Astronomical Society of Canada. We have an excellent Committee which has worked hard to make your stay in St. John's a pleasant one.

We have many interesting events planned for the GA weekend. We were overjoyed when Professor George Efsthathiou, Savilian Professor of Astronomy at Oxford accepted our invitation to give the 1994 Helen Sawyer Hogg Public Lecture. We are also fortunate that the 1994 Plaskett Medal Winner, Dr. Grant Hill, has agreed to give the annual banquet speech. In addition to these two outstanding speakers, a variety of fine papers will be delivered at the paper sessions.

Monday July 4th is field day. We will travel by bus to a community not far from St. John's and board a boat which will take us out onto the North Atlantic. The boat will take us around one of the largest bird sanctuaries in the Northwest Atlantic and then proceed into a small community called Tors Cove; the only point in North America where Sir Edmond Halley made land (in one of the paper sessions Peter Broughton will tell us why Halley came to Newfoundland). A plaque commemorating Halley landing and the 1994 GA will be presented and then the boat will take us back to home port. Some will return to St. John's and others will proceed on a tour of the southern Avalon Peninsula.

We hope you will enjoy your visit to Newfoundland. If you have any questions, please ask any Committee member.

Best wishes for a good GA,

**Frederick R. Smith
Chair
RASC GA'94 Committee**

RASC GA'94 COMMITTEE:

- Prof. Frederick R. Smith** - **Office of the Dean of Science**
- **Faculty of Science**
- **Memorial University**
- **Chairman**
- Mr. Randy Dodge** - **Department of Computing and Communications**
- **Memorial University**
- **Past President**
- **St. John's Centre**
- Dr. David Rendell** - **Department of Physics**
- **Memorial University**
- Dr. Glyn George** - **Faculty of Engineering**
- **Memorial University**
- Mr. Phil McCausland** - **Treasurer**
- **RASC St. John's Centre**
- Mr. Dennis Ryan** - **Secretary**
- **RASC St. John's Centre**
- Mr. Malcolm Simpson** - **Waterford Hospital**
- **St. John's**
- **President, St. John's Centre**

STAR-B-Q

JULY 8 - 10, 1994

The Royal Astronomical Society of Canada, St. John's Centre, invites you to its Tenth Annual Observing Weekend under the clear dark skies of Terra Nova National Park. View the milkyway in its natural surroundings.

**COME! TAKE PART IN OBSERVING WORKSHOPS
FEATURING PLANETS, DEEP SKIES,
ASTRO-PHOTOGRAPHY!**

LISTEN TO TWILIGHT TALKS!

BRING THE WHOLE FAMILY!

RENEW OLD FRIENDSHIPS - START NEW ONES!

If you will be attending this galactic event, please inform Garry Dymond before July 4, 1994, at 722-4391 . This information is needed in order for the park staff to know how many sites are required so they can keep us grouped together.

If you would like to present a talk or help with any aspect of this event, please call Garry Dymond at the above mentioned telephone number.

AGENDA

THURSDAY 30 JUNE 1994

12:00 - 24:00 REGISTRATION
HATCHER HOUSE LOBBY
PATON COLLEGE

ACCOMMODATIONS IN BURKE HOUSE

19:00 - 24:00 POSTER / DISPLAY SETUP
HATCHER HOUSE SOCIAL CENTRE
PATON COLLEGE

DINNER IS AVAILABLE FOR THOSE WHO ARRIVE EARLY

FRIDAY 1 JULY 1994

07:30 - 09:30 BREAKFAST

09:00 - 24:00 REGISTRATION

09:30 NATIONAL COUNCIL MEETING
ARTS EXTENSION ROOM A-1043

11:30 - 14:30 LUNCH

CONTINUATION OF NATIONAL COUNCIL
MEETING

DINNER IN RESIDENCE OR TRY A NEARBY RESTAURANT

19:30 HELEN SAWYER HOGG PUBLIC LECTURE
RECITAL HALL, SCHOOL OF MUSIC

WINE AND CHEESE RECEPTION TO FOLLOW
JUNIOR COMMON ROOM
R. GUSHUE HALL, PATON COLLEGE

SATURDAY 2 JULY 1994

08:00 CONTINENTAL BREAKFAST

08:00 - 12:00 REGISTRATION

09:00 - 13:30 PAPER SESSION 1
ARTS EXTENSION
ROOM A1046

LUNCH

14:30 - 18:00 PAPER SESSION 2
ARTS EXTENSION
ROOM A1046

DINNER

20:00 NEWFOUNDLAND NIGHT
SOCIAL CENTRE, HATCHER HOUSE
PATON COLLEGE

ECLIPSE PHOTOS
MURPHY SLIDE SHOW
KELLY RUSSEL
GARRY DYMOND

CASH BAR

SUNDAY 3 JULY 1994

08:00 CONTINENTAL BREAKFAST

09:00 - 12:00 PAPER SESSION 3 (IF NEEDED)
ARTS EXTENSION
ROOM A1046

LUNCH

13:30 - 14:30 1994 GENERAL ASSEMBLY
ARTS EXTENSION
ROOM A1043

14:30 (OR IMMEDIATELY AFTER GA) GROUP PHOTO
ARTS ATRIUM

15:00 (OR IMMEDIATELY AFTER GROUP PHOTO)
NATIONAL COUNCIL SECOND SESSION
(IF NECESSARY).

19:00 BANQUET
 JUNIOR COMMON ROOM
 R. GUSHUE HALL
 PATON COLLEGE

MONDAY 4 JULY 1994

07:30 - 9:30 BREAKFAST

FIELD DAY 9:00 -

BUSES LEAVE NEAR HATCHER HOUSE

PAPER ABSTRACTS and BIOGRAPHIES

Randall Brooks: Champlain's Astrolabe: An Analysis

BIOGRAPHY:

Randall is the National Secretary of the RASC and Chairs the Historical Committee. His research interests include the history of scientific instruments and especially those made and used in Canada.

ABSTRACT:

The mariner's astrolabe discovered 125 years ago in Cobden, Ontario is believed to have been used and lost by Samuel de Champlain or perhaps French missionaries on their way to Huronia. The instrument is inscribed "***1603***" and, on the basis of design considerations, was probably made in France. The scales are unusual in that they are divided with 0° at the poles and 90° at the horizon thus making it suitable for direct observation of zenith angles and for surveying when used in the horizontal position.

The instrument is the smallest extant mariner's astrolabe (dia. 127 mm) with remarkably fine division lines. It is one of the three mariner's astrolabes associated with Canada - the other are the Isle aux Morts (Nfld.) and Red Bay (Labrador) instruments.

This paper will describe the results of tests of the instrument and comparisons carried out in an attempt to confirm or refute the date and ownership of the instrument.

Robert Dick: Videography in Astronomy

BIOGRAPHY

Robert has been a member of the Ottawa Centre since 1969. He is an aerospace engineer and astronomy lecturer at Carleton University in Ottawa. His Course is cablecast over eastern Ontario and tapes are distributed across Canada. He is an instructor for Astronauts for Astronomy and is presently working on a number of CD-ROM / CD-I based products for education.

Douglas George: Optimized CCD Observing

BIOGRAPHY

A member of the Ottawa Centre for 18 years, Doug is an active observer with interests in comet hunting, occultation, and CCD observing. Doug is also the author of several astronomical - related software packages.

Don Hladiuk: Promoting Your Centre

BIOGRAPHY

Don joined the Winnipeg Centre RASC in 1973 and moved to Calgary in 1980. He has been twice president of the Calgary Centre and is presently the Past President and Chairman of the Public Education Committee in Calgary. Don is also chairman of the RASC Promotion Committee

Bob King: A Positive Approach to Fighting Light Pollution.

BIOGRAPHY

Bob King is a petroleum engineer in Calgary. His astronomical interests include conducting public observing sessions, variable stars, and deep sky observing since first joining the RASC in 1978. Bob has served on council for Edmonton and Calgary centres, is presently national council representative for Calgary Centre and is actively involved on the national and Calgary Light Pollution Committees.

Jack Newton: CCD Colour Imaging: The New Frontier

BIOGRAPHY

Jack is a devoted astrophotographer, lecturer, and author whose love of astronomy has been re-ignited by the advent of colour CCD imaging. A frequent traveller to star parties, Jack is about to start work on a project which will result in remote operation from his B.C. home of a CCD camera-equipped telescope on newly-purchased land in Florida.

Russ Sampson and Douglas P. Hube: The Edmonton Centre's Lunar Eclipse / Occultation Expedition to Ft. Nelson, B.C.

BIOGRAPHY

Russ Sampson and Doug Hube are long-time members and former Presidents of the Edmonton Centre. Both are active in the teaching and public promotion of Astronomy. They co-organized the Edmonton expedition to Ft. Nelson which involved 13 active participants and many more who assisted with the planning, preparation and financing of the project. (The paper will be presented by D. P. Hube.

ABSTRACT

At the request of IOTA, the Edmonton Centre observed the northern limb grazing occultation of the star ZC646 during the total lunar eclipse of November 28/29, 1993. Simultaneously, a second group of observers from Houston, TX, observed the southern limb graze of the same star from a site in Baja, Mexico. The combined

observations may result in one of the best determinations of the polar diameter of the moon. Edmonton Centre members observed from the Alaska Highway south of Ft. Nelson, B.C. In return for the hospitality provided by the citizens of that town, the RASC members presented a series of public lectures, demonstrated computer software and telescopes, and introduced the RASC.

Michael S.F. Watson: Simultaneous Lunar Occultations of two Planets

ABSTRACT

While Occultations of planets by the moon are commonplace, the simultaneous occultation of two planets is exceedingly rare. In this paper, illustrated with photographs of computer recreations, the author examines all such double occultations that have occurred since the invention of the telescope, and looks ahead to future events within our lifetimes. In particular, the paper focuses on the most favourable and impressive simultaneous occultations of two planets between the years 1601 and 2100 - an occultation of Venus and Jupiter by the waning crescent Moon - which will take place in April 1998.

Mary Lou Whitehorne: A Touch the Future Workshop for Nova Scotia Science Teachers

BIOGRAPHY

Mary Lou has been an active member of the Halifax Centre for eight years, serving seven years on the Centre's Executive. She is interested in all aspects of Astronomy and has done some research in Be stars. She also enjoys bringing astronomy to the people and does this regularly through the Halifax Planetarium where she has been a lecturer for four years. Mary Lou is Chairman of the Atlantic Space Science Foundation.

ABSTRACT

This paper will explain the workshop which is being carried out in association with Challenger Learning Centre Organization as part of the "Nova Scotia Planetarium Advisory Committee's" work toward establishing a permanent professional Planetarium and Challenger Learning CentreComplex.

**Joe Yurchesyn: Atlantic Space Sciences Foundation: Planetarium
Progress Report**

ABSTRACT

The Nova Scotia Planetarium Advisory Committee (NSPAC) has become the Atlantic Space Sciences Foundation. ASSF is still working toward our ultimate goal of a new planetarium for Nova Scotia. This talk will be an update on our activities and progress to date; including Challenger Learning Centre, Starlab, and the old Halifax Planetarium.

HELEN SAWYER HOGG PUBLIC LECTURE

The Helen Sawyer Hogg Public Lecture is sponsored jointly by the Canadian Astronomical Society and The Royal Astronomical Society of Canada. It is so named in recognition of the lifelong contributions of Helen Sawyer Hogg (1905 - 1993) towards increasing public awareness and appreciation of the Universe around us, an aim that the Lectureship also seeks to further. It is held annually, usually in conjunction with the annual meeting, alternating between the two Societies (with the RASC hosting it in even-numbered years, CASCA in odd-numbered years).

It is traditional that the Hogg lecture be given by a eminent professional astronomer and in recent years the speakers have come from Canada or the United States.

Since St. John's is the most easterly city to host a RASC General Assembly and since it is just as easy to travel to St. John's from the United Kingdom as from western Canada, it was decided that it would be nice to have a speaker from the UK for our General Assembly. A list of names of potential speakers was compiled and the top name was that of the gentleman who occupies the Savilian Chair in Astronomy in Oxford, Professor George Efstathiou.

An article in "Oxford Today" states that under Professor Efstathiou's leadership, "Oxford astrophysics has left the confines of our own galaxy, to boldly go where it has never gone before". Professor Efstathiou was born in and brought up in London where he attended a comprehensive school and won an exhibition to study physics at Keble College. He completed a PhD at the University of Durham and postdoctoral work at the University of California at Berkeley. After this, Prof. Efstathiou obtained a junior research fellowship at Cambridge and then a post as Assistant Director of Research at the Cambridge Institute of Astronomy. When he was appointed to his Oxford position he was thirty three years old. Dr. Efstathiou's research has dealt with the formation of Galaxies and the large scale structure of the universe. Galaxies are not distributed uniformly throughout space but are clustered in groups with large voids separating the clusters. His work is a combination of observational studies together with theoretical research. The work analyses information obtained from some of the world's largest ground based telescopes and data from satellite based telescopes. Dr. Efstathiou's General Assembly lecture will be on the origin of galaxies and it will be a public lecture. He has a reputation as an excellent public speaker and I think we are lucky to be able to have a world class astronomer attend our 1994 General Assembly.

THE PLASKETT MEDAL

In 1987, Canada's two national astronomical societies, The Royal Astronomical Society of Canada and the Canadian Astronomical Society, joined together in the sponsorship of an award for students of astronomy at Canadian Universities. The Joint RASC / CASCA award entitled The Plaskett Medal is awarded in recognition of the pivotal role played by John Stanley Plaskett in the establishment of astrophysical research in Canada.

The Award, consisting of a gold medal, is made annually to the graduate from a Canadian university who is judged to have submitted the most outstanding Doctoral Thesis in astronomy and astrophysics in the preceding two calendar years.

We are fortunate to have the latest Plaskett Medal winner as banquet speaker for the 1994 General Assembly.

Dr. Grant Hill is from Vancouver. He attended the University of British Columbia, graduating with a B.Sc. (1986) and M.Sc. (1988) before going to the University of Western Ontario for doctoral studies (Ph.D. 1993). While at the University of Western Ontario, Dr. Hill was awarded Special University Scholarship (1988 - 1992), Ontario Graduate Scholarship (1989 - 1993), a Graduate Research Award (1990) and the Plaskett Medal (1994). Dr. Hill presently holds an NSERC Postdoctoral Fellowship at the University of Montreal.

Dr. Hill's interests lie in the study of O, B and A stars. Currently he is devoting most of his time working on the elemental abundance analysis of B and A stars and studying colliding winds in WR+O binaries. In the past he has worked on stellar pulsations, the nature of Be stars and WR stars, and stellar magnetic fields.

In his "free" time Dr. Hill trains for and races in triathlons.

GARY DYMOND SERVICE MEDAL 1994

Gary Dymond joined the St. John's Centre in February of 1971, while attending Memorial University, and chose to become a Life Member of the Society in 1990. Gary has always been an active observer of the skies, and a dedicated teacher of the curious. Throughout the year he can be found giving talks to the public and members alike on the basics and wonder of the night sky, constellations, planetary and deep sky observing, and astrophotography. Gary is known locally to the Brownies and Girl Guides as "the Star Man" for the many talks he has given (often over 30 a year) to various troupes on the solar system and constellations; several troupe coordinators remember Gary introducing them to astronomy when they were Brownies and Girl Guides!

On behalf of the St. John's Centre, Gary Dymond has established contacts with the nearby Butterpot Provincial Park for use as a year-round dark sky observing site and with Terra Nova National Park in central Newfoundland as a venue for the Star-B-Q, an annual public star party now in its 10th year. He continues to be the organizer and always a prominent contributor to both of these critical public Centre activities. Also in keeping with bringing astronomy to the public, Gary has often spoken for the Centre on all things astronomical in local radio and television programmes, most recently as a guide to the '93 Persied meteor shower which in Newfoundland was widely seen and enjoyed.

Gary Dymond has regularly reported observations of the planet Jupiter and (when possible) Saturn and Mars, meteor observations, asteroid occultations and is an avid deep sky observer. His Celestron 8-in Schmidt-Cassegrain is a familiar sight both in his own backyard and at the Centre's observing site at Butterpot, and through it many a novice stargazer has seen their first enthralling views of Saturn or the Orion Nebula. Gary has always been willing to share his observations and knowledge, both with international astronomical organizations and with fellow, beginning observers.

With the Centre, Gary has served for many years as Treasurer, including occasional fundraising activities. He is currently Observing Chairman for the St. John's Centre, and leads by example.

RANDY DODGE SERVICE MEDAL 1994

Randy Dodge became a member of the RASC while still a student at Memorial University in March of 1969, and has been the organizational backbone of the St. John's Centre since then. He has at various times served as Centre Secretary, Librarian, Vice-President, President, and Newsletter editor, and has consistently been the St. John's Centre's liaison with other Centres and with the RASC National Office.

Randy has always been an integral supporting part of most all Centre activities, particularly those involving the promotion of astronomy to the public. He is a regular contributor to Centre activities concerning Astronomy Day and usually has a hand in its organization. Along with Gary Dymond, Randy speaks on topics astronomical for local radio programmes and during the mid '80s helped produce a monthly half-hour astronomy TV programme for local cable, judged to be among the most popular of local programming at the time. Through his position as Technical Support Manager for Computing Services at Memorial University, and as a known representative of the RASC, Randy often is first advised of local sightings of meteors and other activity in the skies, often providing an astronomical identification for "UFOs" (and sometimes not!).

Solar eclipses form a particular fascination for Randy, who has chased eclipses in Newfoundland, Nova Scotia, Winnipeg, as part of the RASC 1991 expedition to Mexico, and is planning a trip coincide with the eclipse across Europe in 1999. Randy's solar eclipse photography, poster displays and public talks on the eclipse experience have done much to capture the feeling and wonder of these rare, stunning celestial events for the appreciation of all.

Randy is the St. John's Centre's archivist and historian as well, having experienced and contributed to most of it, and he compiled in 1990-1 a 25th anniversary history of the Centre. He is currently publisher and editor of the Centre Newsletter "All about Stars," bringing it into the age of desktop publishing and ready information access.

MEL RANKIN SERVICE MEDAL 1994

Mel Rankin is a fixture of the Edmonton Centre: not a cold statue but a warm, shining light. Mel joined the RASC in the mid-1970s, following through on a lifelong interest in astronomy which he was unable to fully activate until his retirement as a chartered accountant.

Mel has been Treasurer of the Edmonton Centre for 13 years. The robust financial health of the Centre is due in some measure to the watchful eye which Mel casts over the accounts and the good advice and common sense views which he shares with other members of Council when the expenditure of funds is debated. The value of his experience in financial matters became particularly apparent when the Centre's work at a casino generated almost \$50 thousand. The use of these funds is limited to public education projects and is tightly controlled by the Provincial Attorney General. Mel ensured that funds were expended in accord with the law, established and maintained separate accounts for the different projects, and served as the principal coordinator for all projects.

Mel is actively involved in the Centre's public education programs. His own telescope is always set-up during Star Nights and during special events such as eclipses. In addition, for many years he has been a regular and frequent volunteer at the Edmonton Space and Science Centre's observing deck.

Mel's sense of humour comes to the fore during regular meetings where his "pins and crests for sale" announcement has become a tradition. Mel has often been the observers group's "sacrifice to the cloud gods"; but upon learning how great observing conditions became after he left, he usually laughs warmly. Newer members can not only depend on Mel's assistance in learning the basics of observing, they learn to love the sky enough to suffer the price of a few cloudy nights in order to better appreciate those less-frequent spectacular nights.

Although not an observer, Mel's wife Betty is his full partner in the thankless chores of maintaining membership records, collecting fees, writing reports for National Office, and in collating, folding, addressing and distributing our newsletter. Indeed, in much of what has been written above one could replace "Mel" with "Mel and Betty". They are well loved and devoted members of the Edmonton Centre and have become well-known to members across the country as a result of their regular attendance at General assemblies.

FIELD DAY 1994

Monday, 4 July is "field day" for the 1994 General Assembly. Buses will load at 9:00 am near the residence (look for Metrobus) and proceed to a community not far from St. John's called Witless Bay. On the way the bus will travel through other communities with interesting names; The Goulds, Kilbride, Bay Bulls. You will be driving along what is known locally as "the southern Shore", an area well known to past explorers and mariners.

When we arrive at Witless Bay we will board a tour boat which will take us out onto the North Atlantic. There are many tour boat companies around the Newfoundland coast and all are run by experienced crews and must pass frequent government inspections. However, this is the North Atlantic and the water is cold; bring warm and wind proof clothing if you want to stay on deck. Also, bring your sun cream; if the day is sunny it is very easy to get a bad sunburn since you will get both the direct sunlight and also the sunlight reflected by the water. Don't forget to bring your camera; you may see ice bergs (we are just past peak iceberg season and this year there are many bergs but most are far from the coast), you may see whales (many tourists ask "what time do you feed the whales?"), and a variety of marine birds. The boat will take us around several islands that form one of the largest bird sanctuaries in the western north Atlantic. Several million sea birds live here - puffins, gulls, kittiwakes, razorbills, common and thick billed murre, guillemots, storm petrels and more.

After this we will proceed to the community of Tors Cove (known as Toad's Cove in the distant past) and land to present a plaque to the people to commemorate the landing in "Toad's Cove" in the year 1700 by Sir Edmond Halley.

Then back to the boat for the return trip to Witless Bay where some guests will return to St. John's and others will start their southern Avalon Peninsula Tour to see a variety of different scenery and hopefully to see part of the most southern caribou herd in the world (at times traffic has to stop while the caribou cross the roads).

As you travel south on today's trip observe the many inlets (harbours and coves) that indent the coast, the hills with rounded tops and the many valleys. These are glacial features. Newfoundland was heavily glaciated during the last ice age which did not end here until ten to fifteen thousand years ago.

There will be experienced and knowledgeable people accompanying you on the trip and they will be happy to answer your questions.

EMERGENCY CONTACT NUMBER

It is sometimes necessary to phone home and leave an emergency contact number.
The Number to quote is:

CAMPUS ENFORCEMENT AND PATROL

(709) 737-8561

The person who needs to contact you should:

- > Tell the officer the nature of the emergency
- > The Royal Astronomical Society of Canada is housed in Burke House
- > Give the officer the return number

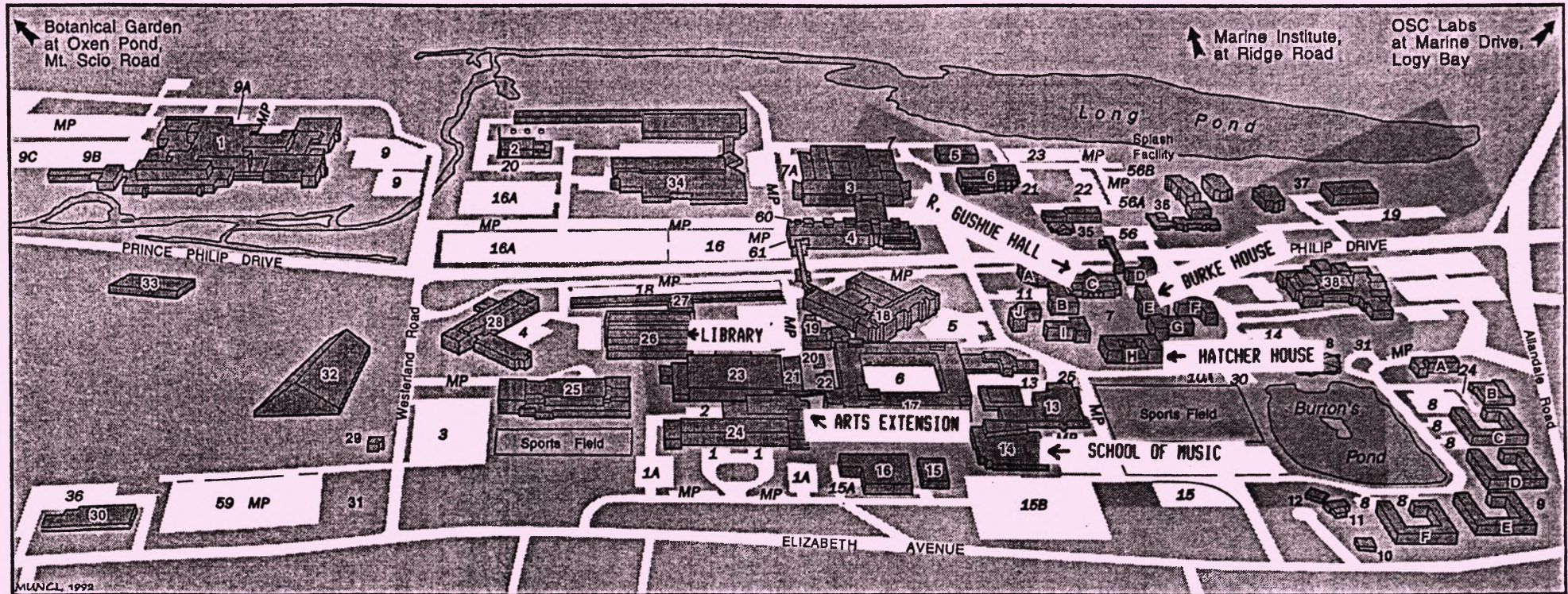
If you have an emergency on campus call the above number or

dial 911.

COMMITTEE

FRED SMITH 579-7857
RANDY DODGE 745-2903
GARRY DYMOND 722-4391
GLYN GEORGE 579-7404

DENNIS RYAN 364-2924
MALCOLM SIMPSON 745-3190
PHIL MCCAUSLAND 579-7300



Academic Buildings:

- 1 Health Sciences Centre (HSC)
Faculty of Medicine
School of Nursing
School of Pharmacy
- 3 S.J. Carew Building (X)
Cafeteria
Faculty of Engineering and Applied Science
- 4 Alexander Murray Building (ER)
Centre for Earth Resources
Research (CERR)
Earth Sciences
School of Graduate Studies
Seabright Corporation
- 5 Capt. Robert A. Bartlett Building (ES)
Centre for Cold Oceans Resources
Engineering (C-CORE)
- 6 Business Administration Building (B)
Faculty of Business Administration
Office of Research
- 10 Psychology Clinic
- 11 Ocean Sciences Centre Office
- 12 Math Learning Centre
- 14 M.O. Morgan Building (MU)
School of Music

- 16 Henrietta Harvey Building (HH)
Computing and Communications
Maritime History Archive
Maritime Studies Research Unit
Mathematics and Statistics
- 17 Science Building (S)
Biochemistry
Biology
French and Spanish
General Studies
Geography
German and Russian
Linguistics
Political Science
Psychology
- 18 Chemistry-Physics Building (C)
Cafeteria
Chemistry
Physics
Faculty of Science
- 19 Biotechnology Building (BT)
Small Animal Care
- 21 Psychology Annex (PA)
- 22 Computing Services (CS)
- 24 Arts and Administration Building (A)
Administration Offices
Anthropology
Faculty of Arts
Banking Machine
Cafeteria

- Cashier's Office
Classics
Economics
English
Folklore
History
Institute for Social and Economic Research (ISER)
Insurance Agency
Philosophy
Registrar's Office
Religious Studies
Sociology
Student Affairs and Services
Travel Agency
University Relations
- 25 Physical Education Building (G)
School of Physical Education and Athletics
- 26 Queen Elizabeth II Library (L)
Bookstore
Centre for Newfoundland Studies
CNS Archives
- 27 Humanities Building (HU)
Computer Science
Humanities
- 28 G.A. Hickman Building (E)
Continuing Studies
Faculty of Education
Educational Technology
Folklore and Language Archive

- 30 Helge and Anne Stine Ingstad Building (BL)
Archaeology Unit
Centre for Material Culture Studies
- 35 St. John's College
School of Social Work

Service Buildings:

- 2 Utilities Annex
- 8 Child Care Centre
- 13 Services Building (SV)
Co-operative Education
Security
University Works
- 15 University Works Storage
- 20 Student Health Centre
- 23 Thomson Student Centre
Banking Machine
Breezeway Bar
Cafeteria
Cameramun
Campus Ministries
Council of the Students' Mon
Counselling Centre
General Student Services
Post Office
Scholarships Office
Travel Agency

- 29 Alumni House
Alumni Affairs and Development

Residences:

- 7 Paton College Residences:
A Rothermere F Squires
B Barnes G Curtis
C R. Gushue Hall H Hatcher
D Bowater I Blackall
E Burke J Doyle
- 9 Burton's Pond Apartments:
A Baltimore D Cartier
B Corte Real E Gilbert
C Cabot F Guy

Other Buildings:

- 31 St. Augustine's Anglican Church
- 32 Aquarena
- 33 CBC Television
- 34 NRC - Institute for Marine Dynamics
- 36 Coughlan College
- 37 Queen's College
- 38 St. John's Arts and Culture Centre
Memorial University Art Gallery

- 10 Parking Area*
- MP Metered Parking

* All numbered parking areas are restricted to permit holders only.