

# Capital Communiqué

AMERICAN SOCIETY OF  
HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS

MAY 1996

## PROGRAM

**DATE:** May 21, 1996  
**THEME:** PROGRAM  
**SPEAKER:** ALLISTER PEDERSON, TMI COMMUNICATIONS

Mr. Pederson has been employed by the Canadian Department of Communications (now Industry Canada) since 1969, starting as a radio inspector and working in the field of mobile communications.

Allister has been involved with the MSAT (Mobile SATellite) program since 1983, including pre-MSAT field trials and demos with the land, marine and aeronautical mobile communities.

He is presently on loan from the Communications Research Centre to TMI Communications.

Allister received a Diploma of Technology in Telecommunications from the B.C. Institute of Technology in 1969 and a Bachelor of Arts in Telecommunications Policy and Economics from Simon Fraser University in 1981.

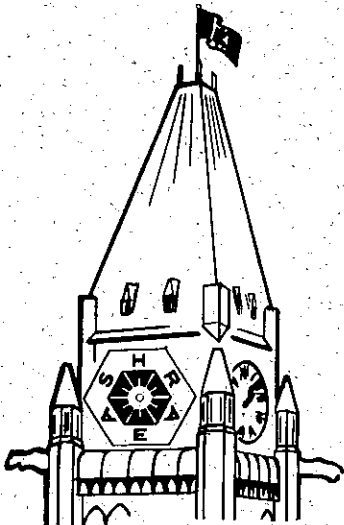
**SUBJECT:** A HISTORY OF MOBILE SATELLITE COMMUNICATIONS TECHNOLOGY

## MENU




Tossed Salad with Choice of Dressing, Pasta Salad, ColeSlaw,  
Bean Salad, Baked Potatoes with Sour Cream,  
Sirloin Steak, Marinated Boneless Breast of Chicken  
Dinner Rolls and Butter, Assorted French Pastries, Coffee and Tea

**SOCIAL - 17:30 Hrs**  
**DINNER - 18:30 - 20:00 Hrs**  
**PROGRAM - 20:00 Hrs**

Hellenic Banquet and  
Conference Centre  
1315 Prince of Wales Drive



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**Special Events**  
Chris Healey  
**Publicity**  
Paul LaRochelle  
**Communiqué**  
Rod Lancefield  
**Greeters**  
Lan Chi Nguyen Thi  
**Al Oakes Award**  
Pierre deGagné  
**Roster**  
Robin Craig  
**Table Top**  
Jim Mills  
**Nominations**  
Frank Bann  
**PAOE Program**  
Gemma Kerr

 <p><b>RODERICK J. LANCEFIELD, P.Eng.</b> Territory Manager Central Region</p> <hr/> <p><b>CARRIER CANADA LIMITED</b> 1463 Coldrey Avenue, Ottawa, Ontario K1Z 7P8 Tel: (613) 725-3888 Fax: (613) 725-9706</p>	 <p><b>WALMAR VENTILATION PRODUCTS</b> MANUFACTURERS, AGENTS &amp; DISTRIBUTORS</p> <p><b>RANDY CAVILL, C.E.T.</b> Vice-President</p> <p>TEL: (613) 225-9774 FAX: (613) 225-2972 24 GURDWARA ROAD, NEPEAN, ONTARIO. K2E 8B5</p>	 <p><b>MODERN MECHANICAL INC.</b> PLUMBING • HEATING • VENTILATION • AIR CONDITIONING 85 Denzil Doyle Court, Kanata, Ontario K2M 2G8</p> <p><b>JOHN R. McANINCH, P.Eng.</b> PRESIDENT</p> <p>(613) 591-7505 Fax: (613) 591-1523</p>	<p><b>REL-AIR</b> MECHANICAL INC.</p> <p>96 Grassy Pt. Cir. Kanata, Ont. K2M 2N3</p> <p>Kelly R. V</p>
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## PRESIDENT'S MESSAGE

This is the final President's Message from your tie-less President. The grand finale, the crowning glory, the culmination of effort, the expiration of inspiration, the cessation of drivel. From my first President's Message in September 1995, the secret number was ONE. Many people have wondered about the meaning of this cryptic message, but no one has been brave enough or foolish enough to ask. The answer is now presented, even if you really did not want to know:

One is the number of members required to make something happen at the ASHRAE Ottawa Valley Chapter. One comment from one member can set the wheels in motion.





One member once remarked on the excessive wearing of ties at ASHRAE meetings. Look at how things have changed.

One is the first letter in the alphabet, A, which is also the first (and fifth) letter in ASHRAE. Perhaps ASHRAE should be on Wheel of Fortune with Vana White.

One is the largest number of years anyone should serve as Chapter President.

One last President's Message, Happy H.V.A.C. & R.

Your President,  
David Eastwood

 <p><b>METHOT</b></p> <p>1060 Boul. Michele-Bohec Suite 101 Blainville, Quebec J7C 5E2</p> <p>Tel: (514) 433-9878 Fax: (514) 433-6866</p> <p><b>Michael McNamara, Eng.</b> President</p> <p><b>1-800-METHOT-2</b></p>	 <p><b>Francis</b> H.V.A.C. Services Ltd.</p> <ul style="list-style-type: none"> <li>• Heating</li> <li>• Ventilation</li> <li>• Air Conditioning</li> <li>• Maintenance Plans</li> <li>• Boiler Maintenance</li> <li>• Duct Cleaning</li> <li>• Design/Build</li> <li>• REVCO Service Dealer</li> <li>• Refrigeration</li> <li>• Ultra-Low Freezers</li> </ul> <p>Quality Service Since 1933</p> <p><b>Brian A. Francis</b> President</p> <p>29 Cleopatra drive, Nepean, Ontario, K2G 0B8 Tel.: (613) 723-4700 Fax: (613) 228-9030 Direct Service Line: (613) 723-7869 24 Hour Emergency Service, 7 Days a Week</p>	<p><b>WATER LOOP SYSTEMS INC.</b></p> <p>Manufacturers' Representative for: Baltimore Aircoil, Lakos, Ecotron, Siemens-Relcon, Hermidifier, Colmac</p> <p>24 Gurdwara Road, Nepean, Ontario. K2E 8B5 Tel: (613) 225-6511 Fax: (613) 225-9686</p>	<p>Les Contrôles <b>MIKOT</b> Controls Inc.</p> <p> BARBER ROBERT</p> <p> SECURITY ELECTRIC SCHLAGE ELECTRIC</p> <p>Représentant auto</p>
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e, President



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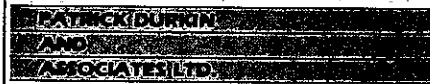
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## TABLE TOP DISPLAY

At the May chapter meeting, Mr. Trevor Digby of Quatrosense Environmental Limited will be displaying some of their gas detection instrumentation. The QEL product range includes CO, CO2, NO2 and NH3 detection instrumentation as well as refrigerant monitoring systems.

Thank you to all who provided Table Top displays for this chapter year. Please contact Mike Swayne at tel. 828-2000, fax 828-1011 if you are interested in presenting a product or service table top display for the next chapter year.

## ENERGY EFFICIENT PUMPING SYSTEMS

A seminar entitled "Energy Efficient Pumping Systems" was presented by the TEGA and Education Committees on April 16th, 1996. The guest speaker was Mr. Phil Searle, CET, of ITT Bell & Gosset, Guelph, Ontario.

Mr. Searle's presentation touched on various different configurations for chilled water piping systems layout and water pump locations, and the efficiency gained and resultant energy savings realized through proper design analysis. A significant portion of his presentation outlined the potential benefits from the proper application of variable speed drives for water pumps.

A panel discussion took place after Mr. Searle's presentation, and was followed by a lively question and answer period. For those interested, copies of a transcript of Mr. Searle's presentation will be available at the next Chapter meeting.

Many thanks to Doug Breckenridge, George Carscallen, Marc Desjardins and Ray Young for their participation as panelists and to Frank Vaculik for his effort as moderator at this seminar.

## 1996 GOLF TOURNAMENT REMINDER

The ASHRAE Ottawa Valley Chapter golf tournament will be held Thursday, August 8, 1996 at the Manderly Golf and Country Club with a 1:00 p.m. Shotgun start. Contact Chris Healey at 225-9774 for further information.

## NOMINATING COMMITTEE REPORT

The chapter nominating committee met in late April to nominate our new Executive and Board of Governors for 1996-1997.

Thanks goes out to the following people who have volunteered to serve our chapter in the up coming year.

### 1995 - 1996 Nominating Committee

Adam Beales  
Ken Boyd  
Pierre de Gagne  
David Eastwood  
Rod Lancefield

### Nominations for 1996 - 1997

President - Gemma Kerr  
President-Elect - Karen Peck  
Secretary - Pierre Scott  
Treasurer - Dale Gaudet  
Board of Governors  
Cathy Godin  
Frank Bann  
Craig Pickering  
Joel Primeau  
Mike Swayne

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Plan your vacation or business travel to coincide with major ASHRAE meetings.

*June 22-26, 1996, San Antonio, Texas*

**ASHRAE Annual Meeting**

Test your stamina with the summer heat in Texas

*August 1996, London, Ontario*

**ASHRAE, Region 2, C.R.C.**

Local highlights include

Storey Book Gardens for the youngsters  
and the Grand Bend Beach for the party animals.

These ASHRAE meetings have not yet instituted a NO TIE policy.



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ASHRAE, Ottawa Valley Chapter Board of Governors  
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Publication deadline is the first Tuesday of each month

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