



## FROM THE BRANCH ADVISOR

1. An old Chinese proverb suggests something about curses and interesting times. Ever the optimist, I am given to think that perhaps the engineer context must be related to blessings and interesting times. Certainly we have the interesting times – as events are unfolding, I take them to be a blessing.

2. Faced with a number of challenges in providing the best military engineer service to the Canadian Forces from a scarce resource, we are addressing a number of issues that will eventually improve our ability to support operations. Through occupational reviews and training meetings, we now have a plan and a commitment to provide training resources to top-up our more deficient trades. It will take time but there is a light at the end of the tunnel. Given the progress of the National Military Support Capability (NMSC) Project Office, there is more hope than we have ever had that we will be able to re-group our general support engineer elements within the context of an Engineering Support Unit (ESU). Noting the emergence of the MOSART (Military Occupation Structure Analysis, Restructuring and Tailoring Team) Project Team, we have a glimmer that our engineer occupation structure can be optimized to provide best support to the Forces. From a support perspective, we will embark upon a path to finally initiate a single engineer association to provide a Family-wide service to all of us as well as the component parts making up the CME Family as a whole. To celebrate all of this and more, there is promise in respect of the need to put in place the foundation for CME 2003. It is a lot of activity related to engineer operations, personnel management, corporate support etc and there are many aspects of it that could be derailed but one must be encouraged...

3. So as to mark some or all of this, we have a busy period of activities planned for late November. Notably, we are scheduling a National Organizing Committee for CME 2003, an Inaugural meeting of the interim Association Executive, a Branch Council and a commemorative parade to celebrate the change in Colonel Commandants. After having served the Branch for three years of outstanding service, Brigadier-General Archie Brown steps aside to devote more of his time to Norah, the Brown family and his personal interests. There will be suitable occasions to more formally reflect upon this passage, but I would be remiss if I did not use this occasion to thank Brigadier-General Brown for the loyal and tireless effort he has always given to the Branch. Without doubt, we are better off for his effort and we can only be thankful for the type of leadership and support he has given us. Stepping into the Colonel Commandant's appointment is Brigadier-General Jerry Silva, a Reservist who has served in every rank from Sapper to Brigadier-General with the exception of Chief Warrant Officer. There is a short article in this newsletter

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to further introduce Brigadier-General Silva to the Branch as the Colonel Commandant; suffice it to suggest herein that the Branch has selected well as we approach the period of change in front of us and commit ourselves to the need to celebrate our centenary in ubiquitous engineer fashion. In marking the occasion, we need you to consider your participation in these events. Should you be in the National Capital Region on 23 November, your presence at the Parade and/or the Mess Dinner is encouraged – think about it; celebrate the Canadian Military Engineers.

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## PERSONNEL RECOGNITION

4. The Canadian Military Engineer Family offers congratulations to the following members who have passed significant milestones in their lives since the last newsletter:

a. Retirements from the Regular Force and civilian workforce:

- i. **Lieutenant-Colonel TS Carr** - Contingency Capability Centre Trenton;
- ii. **Lieutenant-Colonel EE Fafard** - Chief of Staff J3 Ottawa;
- iii. **Lieutenant-Colonel PC Saveroux** – Associate Deputy Minister (Policy);
- iv. **Lieutenant-Colonel SA Tracey** - Canadian Forces Fire Marshall;
- v. **Major TJ Saint-Ivany**; Canadian Forces College Toronto;
- vi. **Major JP Sawatzky** - Mapping and Charting Establishment;
- vii. **Captain JA Fera** - Royal Military College of Canada;
- viii. **Captain JW Hancock** - Canadian Forces Base Petawawa;
- ix. **Captain WD Hewson** - 1 Canadian Air Division Winnipeg;
- x. **Captain WB Miron** - 56 Field Engineer Squadron;
- xi. **Captain E Oulette** - Canadian Forces Base Gagetown;
- xii. **Captain GM Pankiw** - 14 Airfield Engineer Squadron Bridgewater;
- xiii. **Captain CA Phelan** - Canadian Forces Base Comox;
- xiv. **Chief Warrant Officer M Torrie** - 8 Field Engineer Regiment;
- xv. **Warrant Officer T Miller** - 8 Wing Trenton; and
- xvi. **W Enders** – Defence Construction Canada.

b. Promotions:

- i. **Lieutenant-Colonel DP Casarsa** - Land Forces Doctrine and Training Centre;



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- ii. **Major RJ Hennig** - Canadian Forces Base Edmonton;
  - iii. **Major MJ Gilmore** - Canadian Forces Joint Headquarters Kingston;
  - iv. **Major MJ Gingras** - 4 Engineer Support Regiment;
  - v. **Major JRW Porter** - 5 GSS Service Génie Valcartier;
  - vi. **Captain LC Carvalho** - 2 Combat Engineer Regiment;
  - vii. **Captain AR Trenholme** - 2 Combat Engineer Regiment;
  - viii. **Chief Warrant Officer JMDA Bisailon** - 5 GSS Service Génie Valcartier; and
  - ix. **Chief Warrant Officer PD Toomey** - CTC Gaagetown;
- c. Awards:
- i. **1 Construction Engineering Unit** upon award of the Canadian Peacekeeping Service Medal to its 47 qualifying members. 1 CEU is the first unit in the Canadian Forces to be awarded their medals as the DCDS' recognition of their unique contribution on deployed operations;
  - ii. **Major PE Fleet** upon award of the United States Meritorious Service Medal for outstanding meritorious service as the Canadian Liaison Officer to the United States Army Manoeuvre Support Centre, Engineer, Chemical, and Military Police Schools, Fort Leonard Wood Missouri from 29 July 1997 to 29 July 2000. Major Fleet served with unwavering dedication. His professionalism and attention to detail greatly improved the interoperability between the Canadian military and the United States Army. His extraordinary efforts and accomplishments reflect great credit upon him, the Manoeuvre Support Centre, and the Canadian army; and
  - iii. **Major KS McKay** upon award of the United States Meritorious Service Medal for outstanding meritorious service as an engineer tactics instructor and division chief for the Department of Instruction's Engineer Division, United States Army Engineer Centre, Fort Leonard Wood Missouri from 15 July 1997 to 31 July 2000. Major McKay's dedication to duty and untiring efforts have demonstrated a total commitment to excellence. His exemplary service reflects great credit upon him and the Canadian army;
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- d. Key Appointments:
  - i. **Colonel TS Carr** as Commanding Officer, Contingency Capability Centre; and
  
- e. Selections:
  - i. **Captain JYR Chartrand** upon acceptance of a commission under the Special Requirements Commissioning Plan;
  - ii. **Captain KC Burnside** upon acceptance of a commission under the Commissioning From the Ranks Plan;
  - iii. **Captain JJCC Côté** upon acceptance of a commission under the Commissioning From the Ranks Plan;
  - iv. **Captain NP Dreddy** upon acceptance of a commission under the Commissioning From the Ranks Plan;
  - v. **Captain KC Toomey** upon acceptance of a commission under the Commissioning From the Ranks Plan; and
  - vi. **Lieutenant DE Turner** upon acceptance of a commission under the Commissioning From the Ranks Plan.

## In Memorium

5. It is with regret that the death of **Ken Baker** is announced. Ken died 20 August 2000. A graduate of Nova Scotia Tech, he completed his RCE Young Officer Course in Chilliwack 1951 and was then posted to the Northwest Highway System where he worked as Bridge Engineer. He retired in 1956 whereupon he started what was to become a 40-year career with the Yukon Territories as the Territorial Engineer/Director of Public Works. For his career of public service engineering with the Yukon Territories, he was awarded an Honourary Doctorate in Engineering by the Technical University of Nova Scotia.

6. It is with regret that the death of **Robert (Bob) Minto** is announced. Bob passed away peacefully on 2 September 2000 in Chilliwack in his 79th year. Bob was a veteran of WWI with the First Special Service Force, serving in Europe and Africa. He was a Prisoner of War for 1944-1945 in Stalag 7A, Germany. Following the war, Bob joined the Royal Canadian Engineers, and retired in 1969.

7. It is with regret that the death of **Reinerth 'Moe' Mosby** is announced. Moe

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passed away 19 September 2000 at the Chilliwack General Hospital at the age of 81. Moe was born in Bergen, Norway, where he received his education and worked as a painter and decorator until the start of WW II . He then joined the Norwegian Merchant Navy in 1939 and remained with it until January 1942 when his ship was torpedoed by a German U Boat. He spent 36 hours adrift in a lifeboat in the North Atlantic before being rescued and taken to Halifax.

8. After spending time in Annapolis Valley he joined the Canadian Army Active Force in April 1942 and was posted to the 1st Field Coy, RCE where he served in the UK, Sicily, France, Italy, and Germany. He returned to Canada in 1945 and took his discharge from the Army. He re-enlisted in the Regular Force in May 1947 and was posted to 23 Field Squadron RCE in Chilliwack. In 1952 he served with the United Nations in Korea and on his return to Canada was posted to Instructional Cadre with the Militia. In 1956 he was posted to 4 Field Squadron RCE and to Canadian Base Unit with the United Nations Emergency Force in Egypt in 1957. On completion of this tour he was posted to the Trades Training Squadron RCSME as a Mechanic RCE Instructor.

9. Moe retired from the Canadian Forces in 1967 at the rank of Sergeant and joined the Public Service as a painter with the CFB Chilliwack Base Construction Engineering Section until his retirement in 1984.

10. It is with regret that the death of **Art MacPherson** is announced. Art, known throughout the mining world for his distinguished career in mining and metallurgical engineering, passed away 25 September 2000. During WW II , he served as an officer in the Royal Canadian Engineers, in Canada, England and northwest Europe.

11. Art graduated from the Technical University of Nova Scotia in 1934 and gained his early mining experience in gold in the Maritimes and West Africa. After WW II , he joined the Department of Mines & Technical Surveys in Ottawa, where he developed his first interest in ore grinding systems, that was to be his principal expertise. In 1951 he joined Aerofall Mills Ltd. in Toronto, rising to the position of Executive Vice-President & General Manager.

12. During the period 1960 to 1962, he worked both as an independent consultant and for Bechtel Canada Ltd. In 1974 he was appointed Vice-President and Consulting Metallurgist for the Vancouver office where he remained until 1979. From 1980 until his retirement in 1990, he worked as consultant to the mining community from his office in Mississauga.

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13. In 1936, Art received a special citation from the Nova Scotia Legislature honouring his role in the dramatic rescue of two men trapped in a mine cave-in at Moose River near Halifax. In 1982, he was the recipient of two prestigious awards. The American Institute of Mining, Metallurgical and Petroleum Engineers awarded him the Robert H. Richards Award for "a lifetime of pioneering achievement in the field of mineral processing, particularly in engineering design, development and construction of circuits for comminution of ore by autogenous and semi-autogenous grinding". He was the first Canadian to receive the honour in the 30 years of the Award's history. The same year he was made a Distinguished Member of the Society of Mining Engineers. In 1984, the Technical University of Nova Scotia awarded him an honorary doctorate. He is remembered at the university through the A.R. MacPherson Scholarship, founded in 1977. In March of 2000, the Canadian Institute of Mining Metallurgy & Petroleum awarded him the CIM Fellowship "for outstanding contributions to the Canadian minerals industry and to CIM".

14. It is with regret that the death of **Tom Spear** is announced. Tom passed away 28 September 2000, just 24 days shy of his 104th birthday. Tom was a Canadian Engineer veteran of WWI, an RCAF veteran of WWII and a Military Engineers' Association of Canada Honourary Member. Having lived in three different centuries, he was likely the oldest of our Canadian Military Engineer veterans and was one of Alberta's best-known seniors. His vigour and life history made him a fixture on U.S. talk shows.

15. Some will have read Tom's recent book *Carry On: Reaching Beyond 100*, which is his unique biography that covers how he survived London air raids, machine gun barrages, 'whiz-bangs' and returned to Europe eight decades later.

16. Working for the Canadian Pacific Railway immediately after completing high school in Manitoba in 1912, Tom enlisted in the Canadian Signals Company of the Canadian Engineers in Winnipeg in Feb 1916. He sailed for England in May of that year and deployed to the Continent in April 1917 where he saw action in France, Belgium and Germany. Repatriated in 1919, he settled in Emmerson, Manitoba where he returned to what was to be a 50-year career with the Canadian Pacific Railroad. He also became active in the local community and commanded the local Cadet Corps.

17. During WWII, because of the tremendous changes in signals, he joined the RCAF and held several appointments during the war in Manitoba and Ontario including supporting the British Commonwealth Air Training Plan in Souris, Manitoba. Starting at the rank of Flying Officer in the Repair Depot in Trenton, he rose to Acting Wing Commander in charge of the Repair Depot in Uplands, Ontario. He was three times recommended for the

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British Empire Service Medal.

18. After the War, Tom returned to work with the CPR - holding positions of increasing responsibility and ending his career as the National Supervisor for System Rules. On his retirement from the CPR in Mar 1963, after 50 years he had not a single day's absence. After retirement, he maintained a praiseworthy pace of activity in the Calgary community, recreational and cultural associations - holding life memberships in many.

19. In his retirement, he was active with veterans' memorial events. In 1997 and 1998, Tom Spear visited the old European battlefields - both trips in tribute to his 23-year old brother who was killed at the Canal du Nord in Sep 1918. On the 1997 pilgrimage he was selected to read "the Soldier's Lament" at Vimy Ridge.

20. For the 1998 pilgrimage, he was selected to read "the Soldier's Lament" at the Peace Tower in Ottawa and many will recall his striking image and personage on the TV coverage of that trip overseas. During this overseas trip with the Canadian contingent of WW I veterans, he received the Legion of Honor - France's highest distinction - for his WW I contributions.

21. Tom has been presented twice to the Governor General in Rideau Hall where he received a framed copy of his Service Scroll. He received the Medal of Liberation from King Alfred and Queen Julianna of The Netherlands and was presented to Her Majesty Queen Elizabeth II and King Albert at Mons in 1998.

## UNIT ACTIVITIES

### Change of CME Colonel Commandant

22. On 23 November 2000, Brigadier-General AC Brown, CMM, CD will relinquish his appointment as CME Colonel Commandant to Brigadier-General THM Silva, CD. Brigadier-General Silva's biography may be found at Annex A. The ceremony will take place on parade at Dow's Lake Armoury in Ottawa at 0930 hours 23 November 2000 and will be followed by a small reception. An all ranks mess dinner honouring both Brigadier-Generals Brown and Silva, as well as a number of local members recently retired from the regular force, will be held the same evening at the RA Centre, 2451 Riverside Drive in Ottawa. Retired members potentially to be honoured (based on availability) are:

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- a. Brigadier-General CK Ford;
- b. Lieutenant-Colonel EE Fafard;
- c. Lieutenant-Colonel PC Savereux;
- d. Lieutenant-Colonel SA Tracey;
- e. Major HR Gartner;
- f. Major TJ Saint-Ivany;
- g. Major JP Sawatzky;
- h. Captain MTF Tremblay;
- i. Chief Warrant Officer PR Campbell; and
- j. Master Warrant Officer AF Crane.

All members of the CME Family in all geographical areas are strongly encouraged to attend these events.

## **CME 2003**

23. Bridges for Canada. At the completion of the 2000 construction season: eight bridges built! Within "Bridges West" one bridge was built by 44 Field Engineer Squadron; in "Bridges Central" three bridges completed by 2 Field Engineer Regiment; and in "Bridges Atlantic" three bridges were built by 14 Airfield Engineer Squadron and one by Naval Construction Troop (Atlantic). In addition to military proposals for 2001, non-serving members in Kingston and in the National Capital Region are planning two bridges for construction. "Bridges for Canada" will be formally launched in the public domain early in the spring of 2001, in co-operation with the Trans Canada Trail Foundation.

24. Organizing Committees. Regional and local CME 2003 Organizing Committees are now formed and actively at work in Trail (Major Brent Warne), Edmonton - Northern Alberta (Ralph Gienow), Calgary - Southern Alberta (Captain Eppo van Weelderen), Toronto (Tony Zilli and Sid Dunning), the National Capital Region (Randy Kampman), Gagetown - New Brunswick (Major Pete Peril), and Halifax - Eastern Shore (Captain Gary Silliker). The campaign to raise \$1 million for: the national program "Bridges for Canada" (\$600,000); activities sponsored nationally (\$200,000); and assistance to activities having a national importance but which are sponsored regionally and locally (\$200,000); has commenced. Brigadier-General (Retd) Chris Ford and the Honourable William Kelly are co-Chairs and are currently very proactive in making the approach to corporate and foundation leaders. Well-placed and influential members of the CME family in each region support them. Sylvie Lemieux and Stew Weatherbee round out a volunteer team who administratively assist the group.

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25. Annual Report. The Branch Advisor will be convening the CME 2003 National Organizing Committee in Ottawa 23 November 2000 for the purpose of reviewing the annual report of the Executive and to seek guidance for the year ahead. The results of this important meeting, to include the status of each of the many centennial activities, will be communicated to all members of the CME Family early in December.

## Specialty Pay for Engineer Occupations

26. As the Branch Advisor and Chief Warrant Officer travel to visit the units, there have been numerous requests from tradespersons regarding the evaluation of the MOC 640 group of occupations with respect to specialist pay. The MOC 640 Occupational Structure Implementation Plan (OSIP) stood up the new occupational structure on 1 January 1998. The OSIP noted that: *"following Director Military Engineering's approval of the yet to be developed, final Occupational Specifications and Course Training Plans, Director Personnel Plan 3 will forward the documents along with any changes to the Predominant Job Descriptions to Director Pay Policy Development 3 (DPPD 3) for evaluation. Should the subsequent evaluation indicate that an occupation warrants allocation to a Specialist Trade Group, DPPD 3 will staff the recommended change to the Chief of the Defence Staff for approval."*

27. The above paragraph was included in the OSIP due to the fact that the Predominant Jobs were complete except for detailed training information. Accordingly the Predominant Jobs were evaluated using the "old" training times and the results clearly fell within the Standard Trade Group scoring range.

28. It should be mentioned that allocation to Trade Group is based on the weighted average score of a MOC's Predominant Jobs as determined by the Canadian Forces Trade Evaluation Plan. Within the Canadian Forces Trade Evaluation Plan, Trade Training and Experience (TT&E) is a key evaluation element. A critical component of this Element is training. As the details of Qualification Level 5 training were not available at the time the OSIP was implemented, there remained a possibility that the additional information could impact on the MOCs' final evaluation score. As the goal of evaluation in the CF is to achieve the maximum legitimate score for each MOC, every effort is made to identify and value the full potential of all Predominant Jobs. If there is any possibility that a MOC warrants Specialty Pay, DPPD will exhaust every possibility to obtain it for the MOC.



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29. As DPPD wants to ensure that the maximum value each of the MOCs is established and all members are given full credit for what they do, it was decided to "leave the books open". Once the training requirement/standard was established, the MOCs' evaluations will be revisited – and if appropriate adjusted. In summary, while the chances of any or all the 640 MOCs moving to a Specialist Trade Group are slim, they are not non-existent.

30. Finally, while the additional information with respect to training may not be enough to move 640 MOCs from Standard to Specialty, they may be enough to impact on external relativities, that is to say their comparison to Public Service Trade Groups. This could have an effect on the total compensation of all NCMs in the CF.

31. It is noted that the issue of Specialty Pay for these trades is an agenda item presently under consideration by the MOC 640 Working Group. Progress will be reported upon as the situation develops.

## Canadian Peacekeeping Service Medal

32. On 28 June 2000, the Governor General of Canada announced the award of the Canadian Peacekeeping Service Medal (CPSM) for issue to serving and former members of the Canadian Forces, the Royal Canadian Mounted Police, other Canadian police forces and eligible civilians. The CPSM recognizes service by Canadians deployed outside Canada for a minimum of 30 days either on the strength of a unit of the Canadian Forces sent on an international peacekeeping or observer mission, or those who directly support such missions.

33. The inaugural ceremony was held 6 September 2000 in Ottawa. The following is an excerpt from the Governor General:

*For all Canadians, the laying to rest of the Unknown Soldier was a poignant reminder of all the lives that are broken by the violence of war. Now as a nation, we have become devoted to peace.*

*The concept of peacekeeping that emerged since the Second World War is a lasting testimonial to the men and women who made a firm commitment to halting the spread of aggression and limiting the devastating consequences of armed conflict. In order to realize this vision, dedicated Canadian military personnel, diplomats, police officers and specialists from every walk of life took up the challenge by serving on peacekeeping missions in many troubled regions of the globe. When I visited Kosovo last year I met with Canadian peacekeepers and I observed the almost intractable challenges they face. I*

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*witnessed their determination in overcoming the deep-seated antagonism between rival factions, and the pride they exhibited in the performance of their duty.*

*As the Governor General of Canada and Commander-in-Chief of the Canadian Forces, I am pleased to award you with the Canadian Peacekeeping Service Medal. It recognizes your commitment of mind and heart to one of our highest ideals, the quest for lasting peace. The award of this medal also acknowledges your achievement in helping to bring peace to the international community. The Canadian Peacekeeping Medal and the Peacekeeping Monument are a tribute to your outstanding contribution, and I thank you and your families for your service to Canada.*

34. The following members of the Canadian Military Engineer Branch were among the 90 members of the Canadian Forces, Department of Foreign Affairs and International Trade, Police Forces and Veteran Peacekeepers to receive their CPSM 6 September 2000:

- a. **Major JGP LaMontagne;**
- b. **Major JNM Moreau;**
- c. **Captain MJ Pelletier;**
- d. **Warrant Officer MM Bourassa;**
- e. **Sergeant DH Alderson;**
- f. **Master Corporal JP Benoit; and**
- g. **Corporal GJ Herbert.**

## **1 Construction Engineering Unit**

35. The 47 qualifying members of 1 Construction Engineering were awarded their Canadian Peacekeeping Service Medals 25 September 2000. 1 CEU is the first unit in the Canadian Forces to be awarded their medals, in recognition of the specialist military engineering services they provide to deployed operations. The medals were presented by Colonel JK Simpson, CME Branch Advisor, on behalf of the Deputy Chief of the Defence Staff.

## **3 Field Engineer Squadron**

36. On 23 September 2000, 3 Field Engineer Squadron held their Change of Command Parade at the Major Holland Armouries in Ottawa, where Major Shawn Bindon assumed command from Major Robin Addison. The parade was reviewed by Lieutenant-Colonel D.

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Lafleur, 33 Brigade Group Headquarters. In attendance were Colonel Simpson, CME Branch Advisor and Chief Warrant Officer Lepage, CME Branch Chief Warrant Officer; Lieutenant-Colonel S Laplante, Commanding Officer of 2 CER, and Chief Warrant Officer MacLean, Regimental Sergeant-Major of 2 CER; R. Nicholls, President of Defence Construction Canada; and many other members of the Canadian Military Engineer Family. The parade was followed by a formal mixed dinner in the Officers' Mess at the Armoury.

## Canadian Forces School of Military Engineering

an excerpt from that originally printed 1 September 2000 in the Fredericton *Daily Gleaner*  
- by Michael Staples

37. Members of the Canadian Forces School of Military Engineering at Canadian Forces Base Gagetown have found a way to combine training with community improvement. To help the City of Bathurst, which is hosting the 2003 Canada Games, 50 field engineers travelled to nearby Charlo earlier this week to construct a 40-metre long, four-metre wide walking bridge across the Charlo River.

38. The effort that started Tuesday is also designed to help the local Adventure Ski Club, which actually purchased the needed galvanized steel construction materials. Why are the engineers doing this? The answer is two-fold. First, it will be the 100th anniversary of military engineers in Canada in three years. The focus of the celebration, and the time leading up to it, is on building bridges and supporting the ever-growing network of Trans-Canada trails. Their battle cry, so to speak, is 'Bridges for Canada'.

39. The other reason they're involved in the Charlo River project is that up-and-coming military engineers need meaningful training. What better way to provide that than going on-site of an actual project? The bridge should be finished today. The structure, to be used primarily for walking and cross-country skiing, can also support the half-ton trucks used to groom the trails. The 16-ton structure is referred to as an 'Acrow Bridge'. It consists of metal trusses assembled by hand with the help of a crane. 'They're going on course to build this bridge. It's good for the school... We always try to do what we can to support what we can in the community,' said Canadian Forces School of Military Engineering spokeswoman Lieutenant Susan Seo. 'We get a lot of requests but we cannot always do all of them.' There's no charge to the community since we, the taxpayers, pick up the salaries of the engineers who work in the military.

40. The City of Bathurst is not getting raw recruits. Canadian military engineers have also constructed similar size and shaped bridges in other communities this year -- ranging

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from Cole Harbour Nova Scotia, in January, to Bracebridge Ontario, in June.

41. As the engineering group gets closer to its 100th birthday, the Charlo River bridge project will just be one of many ongoing activities and programs designed to aid in the celebration. For something that is expected to last as long as two decades, a little labour and lot of expertise sounds like a pretty good deal to me.

42. Whilst gathered at CFSME for the most recent session of the CME Training Steering Committee, Colonel Simpson awarded Chief Warrant Officer St-Amour with his CWO scroll, presented to members who obtain the rank of chief warrant officer. Seen below is the presentation, with Major A Grenier from Director Army Training, and Chief Warrant Officer Lepage, CME Branch Chief Warrant Officer, looking on.



## Director Construction and Property Services Delivery

43. The Canadian military's national construction and properties project management office has earned its ISO 9001 certification. This is the first accomplishment of its kind in the Department of National Defence's realty asset management field.

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44. The ISO 9001 certification was received from the Canadian General Standards Board (CGSB) in a ceremony attended by the Minister of National Defence, the Assistant Deputy Minister (Infrastructure and Environment), the Chief of the Defence Staff, the Director General of Construction Property Services (DGCPS) and Mr. Desmond Gray, Manager of the Quality Systems Division of the CGSB. The ceremony was held 7 September 2000 at National Defence Headquarters in the presence of approximately 100 members of the Construction and Property Service Delivery directorate (DCPSD) and other invited guests and dignitaries.

45. In his remarks at the ceremony, The Right Honourable Art Eggleton, Minister of National Defence called attention to the important role of DCPSD:

*The operational effectiveness of the Canadian Forces comes from not only the sharp end. It also comes from the infrastructure that supports the Forces. Ships do not set sail without docks and jetties and shore services. Air power is not launched without appropriate airfields. And the army cannot deploy without the training and support provided from its bases and garrisons.*

46. DCPSD is the Canadian military's office of choice for the delivery of large-scale realty asset projects. These projects are diverse: DCPSD is involved in a wide variety of building types and site services, beyond the examples mentioned by the Minister. DCPSD delivers a full range of construction and property management services, including project approvals, option analyses, design control, construction control and commissioning new facilities as well as leasing, purchasing and disposing of Department properties.

47. The Minister went on to say that "*this certification stands as proof - from an outside, third party - that DCPSD has created an operational and effective quality management system that benefits everybody in the Canadian Forces and the Department of National Defence as a whole.*"

48. The ISO 9000 family of standards (to which ISO 9001 belongs) represents an international consensus on good management practices with the aim of ensuring that the organization can time and time again deliver the product or services that meet the client's quality requirements. The quality standard applies to all infrastructure projects managed by DCPSD personnel across the country.

49. ISO (International Organization for Standardization) is a worldwide federation of national standards bodies from some 130 countries, including Canada. Its mission is to promote the development of standardization and related activities in the world with a view

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to facilitating the international exchange of goods and services, and to developing cooperation in the spheres of intellectual, scientific, technological and economic activity. DCPSD joins an estimated 400,000 organizations worldwide that have been globally registered to the ISO 9000 series of standards since 1987.



## Military Engineering Competitions

- References:
- A. LFCO 23-5 under cover 4500-1 (DAT) 18 December 1998
  - B. Draft ACO for Airfield Engineer Flight Competition (available from Air Command OPI)
  - C. Tunneller's Cup: 1050-100/M2 (D Mil E) 9 November 1993

50. The Military Engineers' Association of Canada (MEAC), on behalf of the CME Branch, sponsors competitions that are designed to promote unit cohesion and esprit de corps as well as recognize individual excellence. The competitions are meant to be a practical means of preparing members and units to meet assigned tasks. In 1998/99 there was a renewed interest in competitions, which is continuing in the year 2000. Now is the time to start on the 2001 competition cycle, which runs September 2000 to August 2001.

51. The directives for the various MEAC sponsored competitions may be found at the references. Guidance can be obtained from Command and Land Force Area OPIs or the MEAC Vice President (Competitions) listed at the bottom of this article.

52. The following awards were given out in 1998/1999:



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- a. **The Hertzberg Memorial Trophy** for an engineering project - 31 Combat Engineer Regiment (The Elgins);
  - b. **The MEAC Challenge Cup** for marksmanship - 45 Field Engineer Squadron Sydney;
  - c. **The Gzowski Cup #1** for the Land Force Atlantic Area Engineer's Evaluation - 56 Field Engineer Squadron, and
  - d. **The Patton-Cunnington Trophy** for the achievements of either Regular or Reserve Force Airfield Engineering units in successfully completing a project of qualifying magnitude - 191 Airfield Engineering Flight Comox.
53. For the 1999/2000 training cycle:
- a. **Hertzberg Memorial Trophy.** All Land Force Areas will be submitting entries;
  - b. **MEAC Challenge Cup.** Only LFWA has identified competing units. **The deadline for entries has been extended to 30 October 2000** to allow units additional time to staff results;
  - c. **Major-General John Peter Mackenzie Trophy** for the Land Force Western Area Engineer's evaluation in 1999/2000. All units participated - 44 Field Engineer Squadron was selected the winner;
  - d. **Tunnellers Cup.** At this time a single entry is expected from the Formation Construction Engineering Section in Esquimalt for its joint Naval Construction Troop/1 Construction Engineering Unit Valdez Island Camp project; and
  - e. **Patton-Cunnington Trophy.** The trophy will be presented to the winning unit at the Airfield Engineering Training Session (AETS) in November 2000.
54. For future training cycles, the *Bridges for Canada Programme* is a key CME 2003 activity that is anticipated to attract the attention of units in all commands. Many of these projects could be suitable entries for the Hertzberg Memorial Trophy, the Tunnellers' Cup, or the Patton-Cunnington Trophy. Project competitions guidelines are
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fairly open in terms of the qualifying projects, however project proposals must be approved through 1 Canadian Air Division and/or Area Engineers prior to submission.

55. The directive for the Hertzberg Memorial Competition sets out a very good standard for project submission. It and the Patton-Cunnington Trophy Competition have good marking guides, but also keep in mind the following assessment criteria:

- demonstrated contribution to Branch unity
- diversity of people employed
- development of skills
- resourcefulness
- presentation

56. Comments on the content and conduct of the competitions programme are most welcome. The MEAC VP Competitions, Major (Retd) Keith Worrall, can be contacted by email at: [kworrall@nb.sympatico.ca](mailto:kworrall@nb.sympatico.ca) or by telephone at (506) 357-3324. Other points of contact are:

- 1 Canadian Air Division – Major Wayne Watson, CSN 257-5444
- Chief of the Land Staff – Major Andre Grenier, DAT 3-5, Kingston
- Land Forces Western Area – Major Steve Schott, CSN 528-6032
- Land Forces Central Area – Major Paul Fredenberg, 416-733-4681 ext 5007
- Secteur Quebec de la Force Terrain – Captain Daniel Michaud, 514-252-2777 ext 4470
- Land Forces Atlantic Area – Major Steve Arthurs, CSN 432-2397

## Engineer Heroes and Exemplars

57. As part of the Syndicate Discussion at the 1998 Annual Meeting of the Military Engineers' Association of Canada, the topic of *CME Accomplishments, Our Heroes and Exemplars* was discussed. One of the conclusions was that many are not aware of our CME heroes and exemplars and as a Family, we were not doing well at disseminating such information. Therefore, we are now trying to do something about it!

58. A team is currently updating *Customs of the Canadian Military Engineers* (The Red Book) and research for the Memorials section is underway to ensure that part is more complete. Known Canadian Military Engineering memorials are being compiled using a very broad definition of a memorial: "... something that commemorates, preserves the memory

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of...". For example, specific monuments, memorial windows, cairns and plaques are being included as well as buildings, streets, bridges, and the like that memorialize or are named for Military Engineers and our accomplishments.

59. To date, information has been received on more than 40 memorials. A current compilation of these memorials may be found at the ECHO TWO web site at:

<http://www.valleynet.bc.ca/~mac/index.html> The listing includes:

- such individuals as - Lieutenant-Colonel Mitchell, Sir Casimir Gzowski, Lieutenant-Colonel John By, Sergeant Hickman, Sergeant Ralph, Master Corporal Isfeld, Warrant Officer 2 Leja, Corporal Hendry, Captain Patton, Brigadier-General Galley, and Sergeant Stark;
- such activities as - the Dieppe Raid, Operation Market Garden, and the Northwest Highway System;
- units such as - No 2 Construction Battalion, 1<sup>st</sup> Field Company, 1 Combat Engineer Regiment, Engineers in Werl and the field squadrons in Korea; and
- more general honour and recognition such as - All Sappers' Cenotaph, Sapper Highway, Sapper Park, Sapper Hill and Engineer Creek.

60. It is known that there are other memorials that should be included, help to identify and locate them is being sought. As many details as are available are desired, such as: who/what is memorialized, location, date of dedication, description, and wording of any inscription. If going only by memory, even a general recollection may be sufficient for follow up.

61. Send the information to:

Ken Holmes  
MEAC Registrar  
5032 Stonecrest Road  
RR# 2 Woodlawn, ON KOA 3M0

Email: [ken.holmes@sympatico.ca](mailto:ken.holmes@sympatico.ca)  
eFax: 603-688-5545

62. An individual or group is being sought to volunteer to take on the co-ordination of this compilation as a possible CME 2003 project. Interested individuals should contact Ken Holmes.



## Branch Fund Bursary Program

63. Twelve applications were received for the annual educational bursaries being awarded under the Branch Fund Bursary Program. Due to the extended timelines for application, and the requirement to ensure good rank and functional area representation of the Selection Committee, the selection will not take place until 16 October 2000. Applicants will be notified of the results within the two weeks following the selection, and successful applicants will be published in the next issue of *Chimo!*

JK Simpson  
Colonel  
Canadian Military Engineer Branch Advisor

Annex A – Biography of Brigadier-General THM Silva, CME Colonel Commandant Designate



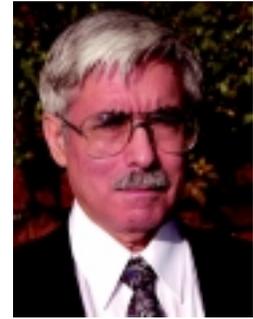
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#### Annex A - Biography Brigadier-General THM (Jerry) Silva, CD

Brigadier-General Silva entered the Militia in 1958 by enrolling in 6 Field Engineer Squadron at North Vancouver British Columbia and a few months later he left his unit to join the Regular Force. After recruit and new-soldier training at the Royal Canadian School of Military Engineering (RCSME) at Chilliwack, British Columbia, he was posted to 3 Field Squadron RCE (1 Combat Engineer Regiment). In 1961 he completed trades training at RCSME and was posted to 11 Works Company RCE in Vancouver where he took his release from the Regular Force in 1964 and rejoined his former militia unit as a sergeant.



After serving in various capacities from troop sergeant to sergeant major, Brigadier-General Silva was commissioned from the ranks in 1970. After commissioning, he continued to serve in 6 Field Engineer Squadron in various capacities from troop officer to Deputy Commanding Officer until he assumed command of the unit in 1974. He continued to command the unit until 1979 when he was promoted to lieutenant-colonel and moved to the Area Headquarters in Vancouver.

At the Area Headquarters, Brigadier-General Silva served first as the Senior Staff Officer Operations and Training then as Senior Staff Officer Logistics and Administration. From 1982 to 1986, he was responsible for senior officer development in Pacific Militia Area and served four terms as a member of the Directing Staff at the Militia Command Staff Course at Kingston. Promoted to colonel in 1986, he was appointed Deputy Commander and in 1988 was promoted again to become Commander of Pacific Militia Area. Upon completion of this appointment in 1990, Brigadier-General Silva retired.

Brigadier-General Silva is a partner in Hindson Silva Consulting, a firm offering consulting services in Occupational Health and Safety. His prior employment has included four years with the Workers' Compensation Board of British Columbia, and several years as a training consultant specializing in preparing and presenting courses in diamond drilling and explosives/blasting. He was also employed for several years with a large Vancouver Consulting Engineering firm where he was a civil project engineer.

Brigadier-General Silva resides in New Westminister, British Columbia. He is the former Chair of the Conference of Defence Associations, a Vice President of the Military Engineers Association of Canada and past president of Royal United Services Institute of Vancouver.