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STATE OF NEW HAMPSHIRE
DEPARTMENT OF INFORMATION TECHNOLOGY
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www.nh.gov/doit

Peter C. Hastings
Commissioner

February 14, 2014

Her Excellency, Governor Margaret Wood Hassan
and the Honorable Executive Council
State House
Concord, NH 03301

REQUESTED ACTION

Authorize, Bill (Roger) Poulin, Technical Support Specialist V, of the Department of Information Technology (DoIT), pursuant to RSA 4:8, and Administrative Rule 311.10, to accept a complimentary admission, in the amount of \$575, from the IBM Northeast Users Group Conference (NEUGC) to attend their conference to be held April 7, 2014 through April 9, 2014 in Framingham, MA, effective upon Governor and Council approval.

EXPLANATION

The eight user groups of the Northeast, from the states of CT, ME, MA, NH, NY, RI, and VT have joined together to host a yearly IBM i Power Systems technical conference in Framingham, MA. These eight user groups bring together all of the different facets of this event in order to present a conference that provides a wide array of speakers and subject matter for the IBM i Power systems community. These conferences are an enriching experience for attendees providing training, technology reviews, an exchange of ideas, workshops, and networking on their professional subject matter – the IBM i Power system environment.

Bill (Roger) Poulin, a technical specialist, supports the IBM i Power System at the Department of Revenue Administration. This conference is geared specifically toward education about the IBM i Power Systems hardware and software, which Bill (Roger) Poulin supports. This type of education will help him to maintain and expand his knowledge of the systems he is tasked with supporting. Bill is the only full-time IBM i system administrator in DoIT. In exchange for his complimentary admission to this conference, he has been working as a volunteer with NEUGC.

Her Excellency, Governor Margaret Wood Hassan
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Page 2

Expenses for the event include:

Admission: Complimentary
Hotel: Included
Auto Mileage: \$90.00

The Department of Information Technology respectfully asks for approval of this request.

Respectfully submitted,

A handwritten signature in black ink that reads "Peter C. Hastings". The signature is written in a cursive style with a large, stylized "H".

Peter C. Hastings

PCH/ltn
A&E RID #15212



January 17, 2014

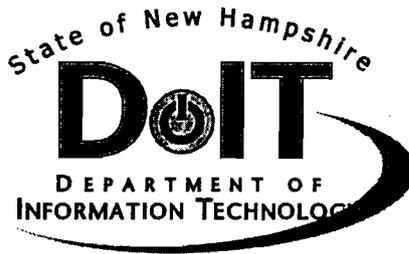
Bill Poulin
Technical Support Specialist, Operations
System Administration
NH Department of Information Technology

Re: NEUGC Conference 2014

As a way of showing our appreciation for your volunteer effort in support of the Northeast User Groups Conference (NEUGC) you are entitled to a Complimentary Registration (a \$575.00 value) to the conference on April 07-09, 2014. This complimentary registration includes meals and lodging.

Thank you for your ongoing assistance in making this conference a success. Without the continued effort of volunteers like you this conference would not be possible.

Paul J. Rogers
President, NEUGC
603.831.4734
rogerspaul@gmail.com



STAFF TRAINING & TRAVEL REQUEST

EMPLOYEE INFORMATION

Name: <u>Bill (Roger) Poulin</u>	Date of Request: <u>01/21/2014</u>
Phone: <u>603 230-5989</u>	
Position: <u>Technical Support Specialist V</u>	
Division/Bureau: <u>Operations</u>	Supervisor: <u>Mike Dudley</u>
Unit: <u>MFT</u>	Phone: <u>603 230-3047</u>

COURSE INFORMATION

Course Title: Northeast User Groups Conference
 Course Date: 4/07/2014 - 4/09/2014
 Course Location: Framingham, MA
 Vendor/Facilitator: NEUGC

JUSTIFICATION

Please provide detailed information relative to course objectives and expected knowledge, skills and abilities to be gained by the employee.

How will this training support the objectives of DoIT and its customers?
This conference is geared specifically toward education about the IBM System i hardware and software, which Bill Poulin supports. This type of education will help him to maintain and expand his knowledge of the systems he is tasked with supporting. Bill is the only full-time IBM i system administrator in DoIT.

COSTS/TRANSPORTATION

Other costs would include items such as fees, tolls and course materials.

Course Registration Fee: 0
 Hotel: \$0
 Meals: \$ 0
 Parking: \$ 0
 State Vehicle provided for Travel: Yes No
 Estimated Overtime: 0 hours (Note: Please refer to DoIT's Overtime Policy for travel and training/conference overtime guidelines.)
 Estimated Mileage: 160 miles Estimated Reimbursement \$ 90.00
 Other Costs: \$ 0

TOTAL COST: \$ 0

Is DoIT Funding Requested: Yes No

If Yes, provide the DoIT Funding Information: 010-003- - - - Job #: _____

If No, Is another State Agency paying Yes No

If Yes, provide the Other Agency's Funding: _____ - - - - Job #: _____

If No, explain: Bill volunteers with this group and maintains the mailing database as well as assisting with registration. In return, he receives conference entry, meals and lodging at no charge. He also drives his own vehicle.

If you need an Appropriation or Job Number, please contact your Division Director or IT Leader.

APPROVAL

	Approved By (initials)	Denied By (initials)	Reason
Immediate Supervisor Name: <u>Mike Dudley</u>	_____	_____	_____
Division Director Name: <u>Wendy Pouliot</u>	_____	_____	_____

NEUGC
Northeast User
Groups Conference

**THE 24TH ANNUAL
NORTHEAST IBM USER
GROUPS CONFERENCE**

NOV 29, 2014

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- Deep dive seminars
- Latest IBM announcements
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Three days of quality education close to home!

www.neugc.org

ATTENDANCE OPTIONS

THROUGH MAR 7

AFTER MAR 7

Monday Seminar and 2-Day Conference

\$550.00

\$625.00

2-Day Conference (Tuesday/Wednesday)

\$500.00

\$575.00

Monday Seminar only

\$100.00

\$100.00

No price increase in 7 years; NEUGC is a great value.

Your conference fee includes a light evening meal for Monday seminar attendees, continental breakfast and lunch on Tuesday and Wednesday, Tuesday buffet dinner, and refreshment breaks.

Register Today! Visit www.neugc.org for more information and to register on line.

Please visit <http://www.starwoodmeeting.com/Book/2014neugc> to reserve your room at the Sheraton.

The 2014 NEUGC Conference room rate is \$157/\$167 (single/double) per night. If you encounter any problems or if you have any questions about your reservation, please contact the Sheraton directly at 508.879.7200 and ask for the Front Desk (do not use the national Sheraton Reservation System). If you continue to have problems, please contact Karen Toney at kataato@comcast.net for assistance.

Sheraton Framingham Hotel, 1657 Worcester Road, Framingham, MA, (508) 879-7200 • www.sheraton.com/framingham

Because NEUGC offers so many sessions, it's easy to get lost in our schedule. To help you get the most out of your days, we've indicated **five** skills categories to keep you on track. Of course, you are welcome to choose sessions from any track at any time based on your interests. Please visit www.neugc.org for the complete session schedule and this year's selection of well-known industry speakers.

RPG and PROGRAMMING TOOLS

This track is intended for programmers. If you write new software or maintain existing RPG applications, you'll want to know the latest techniques for RPG IV and ILE. Plus, no matter what language you use, you will want experience with the Rational Development Tools that will make you more productive than SEU and PDM.

- IBM i Developers' Roadmap
- Application Lifecycle Management for IBM i Development
- Automatic Conversion of RPGLE Source Code to Free Format RPG
- Meeting Users' Needs with Free Software
- Debugging with RDP/RDI
- Designing Screens and Reports with RDI/RDP
- Latest RPG Enhancements in V6 and V7
- Look Out Below! A 50,000 Foot Overview of RDI (Rational Developer)
- Not Your Father's RPG! A Look at RPG's Latest Free Form Enhancements
- RPG Subprocedures
- RPG and the IFS
- RPG Native Mobile Apps
- Test-driven to Behavior-driven Development
- The Science and Use of ILE Service Programs
- Working with JSON in RPG
- RPG User Defined Functions and Table Functions

SQL and DATABASE

The SQL and Database track is recommended for developers, system programmers who want to tune their databases, and for people interested in Business Intelligence and ad-hoc reporting tools. Learn the latest techniques for using SQL (Structured Query Language), the modern way to manage your data. Learn about DB2 Web Query for i, the IBM replacement for Query/400. With its browser-based GUI, DB2 Web Query provides your end-users with the reports, charts, spreadsheets, and PDFs they need.

- What's New in DB2 for i
- Why Modernize Your DB with SQL!?!?
- SQL Stored Procedures and Functions
- Accessing External Databases from RPG
- Introduction to MySQL for IBM i
- Advanced SQL Set Processing
- Set Based Thinking: How SQL Differs from Record Level Access
- SQL - Demystifying Joins
- Tools and Tips to Make Your SQL Sing
- Modernize RPG & Query/400 Reports with DB2 Web Query
- DB2 Web Query Metadata: Building the Foundation for Success
- Going Mobile with DB2 Web Query

Sessions and speakers are subject to change. Please visit www.neugc.org for an up-to-date schedule and speaker list. For more information visit www.neugc.org or call (508) 285-4222

SYSTEMS MANAGEMENT

The Systems Management track includes upgrade planning, performance tuning, high availability, Logical Partition (LPAR) considerations and sessions on the Hardware Management Console (HMC), the IBM Systems Director Navigator, and other systems management tools provided with the IBM i operating system.

- IBM Announcements
- IBM i Trends & Directions
- Get Started with IBM Navigator for i
- High Availability and Disaster Recovery Options
- Networking 101 for IBM i
- POWER vs. X86
- Storage Options: Internal vs. External disk
- The State of IBM i Security, 2014
- Time for a Change: An Overview of the Next Generation of IBM i Access
- Understand Your System with Application Runtime Expert
- Understanding HMC, FSP, i and Firmware
- Virtualization Technologies: PowerVM, PowerVP and PowerSC
- What You Need to Know for a Successful IBM i Upgrade
- What's New with Navigator - I mean really new!
- 7 Habits of Highly Secure Organizations
- A Primer on IBM i User Profiles and How to Properly Deploy Them
- Building Virtual i Partitions Hosted by IBM i
- Configuring and Using IBM i Auditing Features

WEB DEVELOPMENT & MOBILE COMPUTING

The Web Development and Mobile Computing track helps programmers familiar with RPG and 5250 embrace new technologies and integrate them with their legacy applications. Also learn the latest on the popular PHP programming language.

- Mobile to Go: Overview of Mobile Technologies on IBM i
- Bring Your Applications to Life with jQuery
- Case Studies of IBM i Shops Using Mobile Computing
- Choices for Integrating RPG with the Web
- DDS to Web Front End Development
- HTML5 - The Next Paradigm Shift
- I Can Serve You - Providing Web Services from Your IBM i
- Web Mastery with JavaScript
- B2B Web Portal Architecture
- Three Approaches to Web with RPG
- Building Web Apps with PHP, HTML, CSS, and JavaScript
- Practical Web Services for RPG
- Providing RPG Web Services on IBM i
- Understanding Mobile Development Options
- Web Application Security - How Does this Apply to You?
- PHP on IBM i: Getting Started
- PHP Arrays for the RPG Programmer
- Spreadsheet Integration with PHP, DB2 and IBM i
- PHP and RPG Integration Examples
- PHP Web Security in an Insecure World
- Web Services with PHP on IBM i
- Model-View-Controller (MVC) using PHP and IBM i
- Mobile First with PHP and IBM i

PROFESSIONAL DEVELOPMENT

The Professional Development track includes new sessions to help you grow your skills and improve interpersonal relationships.

- Collaborative Learning
- "Glossophobia" or Fear of Public Speaking
- Understanding Culture in Managing Relationships
- A Programmer's Future: Looking Back to See the Future
- 10 Skills to Future Proof Your RPG Career

- **Ray Bernardi** ARCAD
- **David Brault** LANSA
- **Gene Cobb** IBM Systems Software DB2 for i
- **Steve Fier** IBM Power Systems
- **Susan Gantner** Partner400 and System i Developer Consortium
- **Charles Guarino** Central Park Data Systems
- **Scott Klement** Profound Logic
- **Luis Marion** Marion Technology
- **Pete Massiello** iTech Solutions Group
- **Tom McKinley** IBM Rochester DB2 Center of Competency
- **Jon Paris** Partner400 and System i Developer Consortium
- **Mike Pavlak** Zend Technologies

- **Tim Rowe** IBM i System Software
- **Tom Snyder** geMatrix
- **Robin Tatam** The PowerTech Group
- **John Valance** JValance Consulting



DEEP DIVE: Transforming From ILE to Java to Mobile Apps to HTML5

Presenters: Tom Snyder, geMatrix

If you're an RPG or COBOL programmer, how do you make the leap to "Object-Oriented" languages like Java, C# or Ruby? Or, how do you talk to programmers in your company who code in OO languages but who don't have your understanding of business logic? This Deep Dive will help you make the leap.

Tom begins by relating OO concepts to familiar ILE RPG or COBOL constructs. From there, understanding some basic patterns of OO development help the ILE programmer adapt a Java programmer mindset. Once Java is understood, writing Mobile Apps using Java on Android technologies becomes even less daunting. Then applying some Web and Mobile development patterns helps one in applying this thought process to now run on all mobile and web based devices using HTML5.

Tom will describe how he developed a mobile app that implements an electronic protocol that determines if someone has malaria in the villages of Uganda. This session takes you through a technological journey towards helping save children's lives.

With over 25 years of experience in Information Technology, Tom Snyder is a proven trainer and computer scientist with business and technical savvy. Tom's background includes in-depth consulting, extensive customized application development, systems integration and team-building. Tom led a team which developed AS/400 training curricula for both the Hartford Graduate Center and IBM Learning Services. His most recent initiative is to empower women in the villages of Uganda by teaching them Java programming skills.

DEEP DIVE: Take Your SQL to the Next Level

Presenter: Tom McKinley, IBM Rochester DB2 Center of Competency

Structured Query Language (SQL) is a very powerful language for accessing and manipulating data in your DB2 for i databases. In this session, you will learn how to use advanced SQL features to reduce your application development time and boost performance. This session will take your basic knowledge of SQL to a deeper level of sophistication—enabling you to have DB2 for i do more of your work.

This seminar begins by explaining how to fully harness the power of SELECT statements by leveraging constructs such as views, common table expressions and recursive processing. In addition, you will learn about other advanced query writing techniques.

After this introduction to advanced set processing with SQL, we'll look at how to more efficiently deliver analytics solution with DB2 for i's OLAP support which includes the Rank and Row Number specifications along with the Super Group support.

The seminar will close by showing you how to exploit the integrated XML capabilities that were delivered in the DB2 for i 7.1 release including enhancements that were added after 7.1 was first available.

Tom McKinley is an IBM Lab Services Consultant working on DB2 for IBM i in Rochester MN. His main focus is complex query performance associated with Business Intelligence running on Very Large Databases. Tom was on the original IBM team that designed and built the SQL Query Engine. He is a frequent speaker at COMMON and IBM conferences.

DEEP DIVE: Modernize Your Reporting Environment with DB2 Web Query

Presenter: Gene Cobb, DB2 for i Technology Specialist, IBM Systems Software DB2 for i Development Team

- Do you use Query/400 and want to modernize your reporting environment?
- Are you looking to do more advanced reporting?
- Would you like to create charts and dashboards for your end users?
- Do you have lots of different reporting needs from different end users?
- Would you like your end users to be able to run their reports from their mobile devices?
- Are you ready to make the jump from simple querying/reporting to Business Intelligence?

If you answered yes to any of these questions, IBM DB2 Web Query for i may be just the tool for you! Come to this workshop to get a jump start on this robust, extensible and productive reporting solution.

In this deep dive session you will learn how to do the following:

- Create and build up the powerful DB2 Web Query metadata layer that describes your data
- Use InfoAssist to create reports, charts, and dashboards
- Create Active Reports to empower your end users
- Deploy your reporting content so that it is accessible via mobile devices
- Use your own mobile device to access and run reports

Gene Cobb joined IBM in 1988 and spent more than 10 years as an application consultant in the IBM STG lab services group in Rochester, MN. His current responsibilities include promotion, education, enablement and technical support of IBM DB2 Web Query. He speaks and writes regularly about DB2 for i and DB2 Web Query topics, and was a co-author of the IBM Redbook "Getting Started with DB2 Web Query for System i."

Monday, April 7

2:30 - 8:30 PM Registration
 4:00 - 8:30 PM In-Depth Seminars
 6:00 - 6:30 PM Light Meal

Wednesday, April 9

7:30 AM - 1:00 PM Registration
 7:30 AM - 2:15 PM Vendor Expo
 8:30 AM - 5:00 PM Sessions

Tuesday, April 8

7:30 AM - 5:00 PM Registration
 7:30 AM - 2:45 PM Vendor Expo
 6:30 AM - 6:00 PM Sessions
 5:00 PM - 6:30 PM Vendor Expo
 5:00 PM - 6:30 PM Networking Reception & Buffet
 6:30 PM - 9:30 PM Fun Casino Night

Tuesday Casino Night

Join us Tuesday evening for a fun and entertaining Casino night with Craig Sutton Entertainment (www.SuttonEntertainment.com). Relax, have fun, network and exchange ideas with your friends, colleagues, speakers and IBM i experts after a long day in class. Prizes will be awarded at the end of the evening.



Vendor Expo

Be sure to set some time aside to visit the Vendor Expo, which will feature more than 20 companies this year. You can view the list of vendors at www.neugc.org

For more information, please visit our website at WWW.NEUGC.ORG, call (508) 285-4222, or contact your local user group.

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 Chip DiFolco
 (774) 227-7878
www.nemug.com

MEMUG | Maine
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info@neugc.org

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MONDAY IN-DEPTH SEMINARS

- ▶ Transforming From ILE to Java to Mobile Apps to HTML5
- ▶ Take Your SQL to the Next Level
- ▶ Modernize Your Reporting Environment with DB2 Web Query



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 Sheraton Framingham is immediately on right

The Sheraton Framingham

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The 24TH Annual Northeast IBM i User Groups Conference

April 7 - 9, 2014

Sheraton Framingham, MA

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