



The end-to-end reliability forum.

Northwest Chapter

WWW.7X24NW.ORG

Mission Statement

The 7x24 Exchange Northwest Chapter's mission is to provide an open educational forum dedicated to the continuous improvement and increased awareness of data center reliability focusing on the key disciplines of design, construction, maintenance, security and management with the goal of obtaining continuous data center operations.

Mark Your Calendar

February 4, 2003

7x24 Exchange NW Chapter
Winter Session
Sabey Data Center
Tukwila, WA
4pm - 7pm

Note:

**RSVP's must be received
by Thursday, January 30!**

May 13, 2003

7x24 Exchange NW Chapter
Spring Session

June 1 - 4, 2003

7x24 Exchange
National Spring Conference
Boca Raton, Florida
www.7x24exchange.org

September 9, 2003

7x24 Exchange NW Chapter
Fall Session

w i n t e r 2 0 0 3 U P D A T E

Fall 2002 Chapter Session - Seismic Mitigation at Boeing Energy Use in Data Center

Greg Dymarkowski and Dwight Dobrowits of Boeing presented a detailed look at recent installations of seismic isolation bases in the Boeing data center.

Doug Bors of Sparling and John Rowland and Max Baker of Notkin Engineering presented an overview of recent changes in the Washington State Energy Code and its impacts on data center mechanical systems. The presentation generated a great deal of discussion on potential energy saving measures, design approaches, and the role of building codes in data center design.

Our sincere thanks to Greg, Dwight, Doug, John and Max for their time and effort in presenting these topics.

Board Elections to be Held at Winter Session

We will be holding elections for new board members at the upcoming session on February 4. Positions include: President, Vice-President, Treasurer and Secretary. All positions are two year terms and typically involve only a few hours a month to help coordinate meeting topics and logistics. Bring your nomination ideas to the meeting, especially if you have an interest in serving.

We are also currently seeking a member to chair our program committee, if you have an interest, please notify any one of the current officers at the meeting.

New Section in the Update - Classified Ads

Responding to member requests, we have initiated a new classified ads section in the Update and on the chapter website. We will post ads for: Positions Available, Positions Desired, Equipment for Sale and Equipment Wanted, free of charge to 7x24 Exchange Northwest Chapter members. Please see page 4 for the new classified section or go to the chapter website at: www.7x24nw.org/classifieds.



Data Center Roundtable

Base Isolation of Critical Facilities

Andrew W. Taylor, Ph.D., S.E.
Associate, KPFF Consulting Engineers

Over the last 25 years, a building design approach known as “base isolation” has emerged as the most effective method for limiting earthquake damage to structures. A base isolated building rests on flexible rubber bearings, or low-friction sliding pads, which allow the building to glide laterally during an earthquake, avoiding much of the earthquake energy. Typically, earthquake forces in a base isolated building can be reduced to one-third of the forces the building would experience if it were constructed on a solid base. This presentation will describe the base isolation design approach, base isolation technology, and how base isolation has been applied to data centers and other critical facilities in the Northwest and elsewhere. The presentation will also highlight practical considerations related to base isolation of data centers, including relative costs, space programming, and equipment bracing within the base isolated structure.

Andrew W. Taylor, Ph.D., S.E. is an Associate with KPFF Consulting Engineers in Seattle. He has 16 years of experience in structural engineering design and testing. Dr. Taylor’s specialty is the design of advanced structural systems for critical structures that must withstand extreme loads, such as earthquakes. Before joining KPFF in 1997, Dr. Taylor spent seven years with the Earthquake Engineering Group at the National Institute of Standards and Technology. His professional affiliations include membership on earthquake engineering committees of the Structural Engineers Association of Washington, American Concrete Institute, Applied Technology Council, the National Research Council, and the Building Seismic Safety Council.

Case Study - Sabey Data Center An Excercise in Rejuvenation

Joe Baldini
General Manager, Sabey DataCenter LLC

Upon assuming control of the former Exodus data center in Tukwila, the Sabey Corporation was faced with the challenge of redeploying the existing facility to meet the demands of enterprise level clients. Joe Baldini will give an overview of the Sabey Data Center and provide insights into his team’s efforts to establish new construction standards and specifications, operating procedures, and recommissioning activities. Joe will also host a tour of the facility immediately following the presentation.

Joe Baldini has over 20 years of experience in the Technology Industry. As the General Manager of Sabey DataCenter LLC he is responsible for data center and facilities operations. Prior to joining Sabey DataCenter LLC, Joe was a Director of Outsource Services for Denali Advanced Integration (DAI), responsible for managing data center outsourced contracts. Prior to joining DAI, Joe was a Professional Services Director for Exodus Communications, responsible for professional and managed services. Prior to joining Exodus, Joe was a Director of Information Technology for Premera Blue Cross (PBC), responsible for engineering, operations and support. Prior to PBC, Joe held engineering positions with Space Labs Medical, Maxtor and Unisys.

Notice: Special Security Requirements!

Valid photo identification is required
Participants must sign a Sabey Data Center Non-Disclosure Agreement
No cameras or recording devices will be allowed
All participants must be pre-approved by Sabey Data Center

Date

Tuesday, February 4, 2003
3:30 pm - 7 pm

Sabey Data Center
3355 South 120th Place
Tukwila, WA

Agenda

3:30 Registration &
Security Clearance

4:00 Symposium:
Base Isolation of
Critical Facilities

4:45 Break

5:00 Symposium
Energy Use In
Data Centers-
A Panel Discusstion

5:45 Break

6:00:
Tour of Sabey
Data Center

7:00Adjourn

RSVP

by Thursday, January 30
*RSVP's must be received
by this date to ensure
security clearances.*

Boeing Information &
Support Services

Attn: Rob Costa

T: 425-8652187
F: 425-865-2961
E: robert.costa@
pss.boeing.com

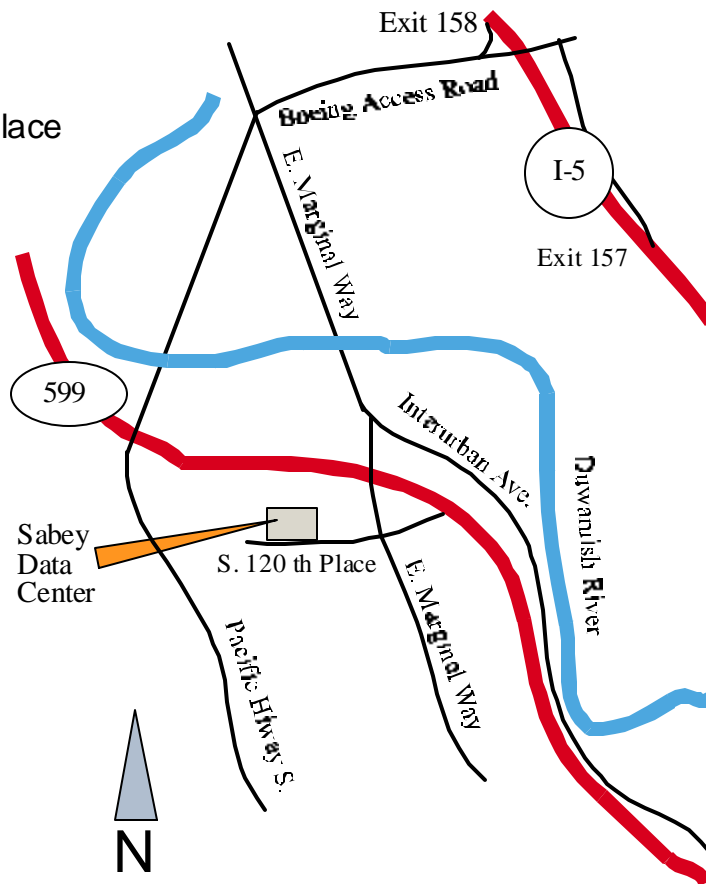
Space is limited to promote
interactive discussion.



**Directions to
Sabey Data Center
3355 South 120th Place
Tukwila, WA**

From I-5 Northbound:
Take Exit 157
Turn West on Boeing
Access Road
Turn Left on East
Marginal Way
Bear Right at next
Light onto East
Marginal Way
Turn Right on
South 120th Place

From I-5 Southbound:
Take Exit 158
Turn West on Boeing
Access Road
Turn Left on East
Marginal Way
Bear Right at next
Light onto East
Marginal Way
Turn Right on
South 120th Place



Officers & Committees

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**7x24
Exchange
Northwest Chapter**

Membership Application

Membership Type: Individual \$50 per year Corporate \$200 per year
 Renewal New Member

For corporate memberships, complete one application for each individual and return the applications together with your membership fee. Corporate memberships may include an unlimited number of members per company. Send applications and payment to: Leonard Ruff, Callison Architecture, 1420 Fifth Avenue, Suite 2400 Seattle, WA 98101. Make checks payable to: 7x24 Exchange Northwest Chapter

Name: _____
Title: _____
Company: _____
Mailing Address: _____
City: _____ State: _____
Country: _____ ZIP Code: _____
Telephone: _____ Fax: _____
Email Address: _____

Remember, you can register on-line at: www.7x24nw.org.

Program
Position Open

Newsletter - Website
Leonard Ruff Callison Architecture
T: 206-623-4646
F: 206-623-4625
E: lruff@callison.com

Power Work Group
Wayne Humphry Mazzetti & Associates
E: wayneh@mazzetti.com



Classified Ad Policy

The 7x24 Exchange Northwest Chapter does not accept any liability for information posted in this newsletter or the chapter website. All information is the responsibility of the posting company or individual.

To place an ad in the newsletter and the website, send an email to: Leonard Ruff, Secretary, at leonard.ruff@callison.com.

Ads must include complete contact information including, company name, contact name and phone number. No blind ads will be accepted.

The 7x24 Exchange Northwest Chapter reserves the right to not accept any ad not consistent with the stated goals and mission of this organization.

Positions Available

Washington Mutual

Data Center Manager

The Data Center Manager will direct strategy and oversee the operations of our 4 mission critical data centers. The primary responsibilities of this position are: Forecast future MVS processing and staffing requirements based on user business needs; develop specialized MVS infrastructure upgrades to absorb unplanned business change or bank acquisitions; aid in the development and testing of a data center D/R plan; review technology plans developed by individual data center managers and give guidance as to their validity.

The ideal candidate will have a minimum 10-15 years of experience working in an IBM mainframe (MVS) data center, including responsibility for operations, level 2 support, configuration and, ideally, systems engineering. A minimum of 4-6 years experience managing IT professionals is also required.

Manager of Enterprise Systems

The Manager of Enterprise Systems will manage a complex organization responsible for desktops, servers, Unix systems, host systems, messaging, storage and software distribution. Responsibilities include: implementation, operation and recovery of all enterprise-wide centralized and distributed systems, solutions and services; strategic planning, budgeting, staffing, staff development and expense management; ensure overall health and performance of enterprise systems; drive organization to new levels of achievement.

The ideal candidate will have a working knowledge of multiple hardware/software platforms and technologies related to them; successful experience in production support in both mainframe and distributed systems; a minimum 8-10 years of progressively complex information technology experience in a multi-platform environment and a minimum of 4-6 years experience managing IT professionals.

Company Information

Washington Mutual Bank ranks as one of the top 10 largest and successful banks in the U.S. (earnings for 2001 were a record \$3.11 billion and assets of \$236 billion) Even more exceptional, our e-business strategy has helped make us one of the fastest-growing financial services companies in the country, dramatically setting us apart from competitors. Through Intranet, Internet or Extranet innovations, our top-notch Consumer Technology team will strongly position us for long-term success and, ultimately, industry leadership.

Company Contact:

Janice Brookshier
Sr. Technical Recruiter
Washington Mutual Bank
Talent Acquisition Team
T: 206-888-4452
janice.brookshier@wamu.net
www.wamu.com

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