Engineering Department

Cathy Murphy
ARIN Engineering

Engineering Staff

Laci Listman

Engineering Staff

Ginny Listman
Director

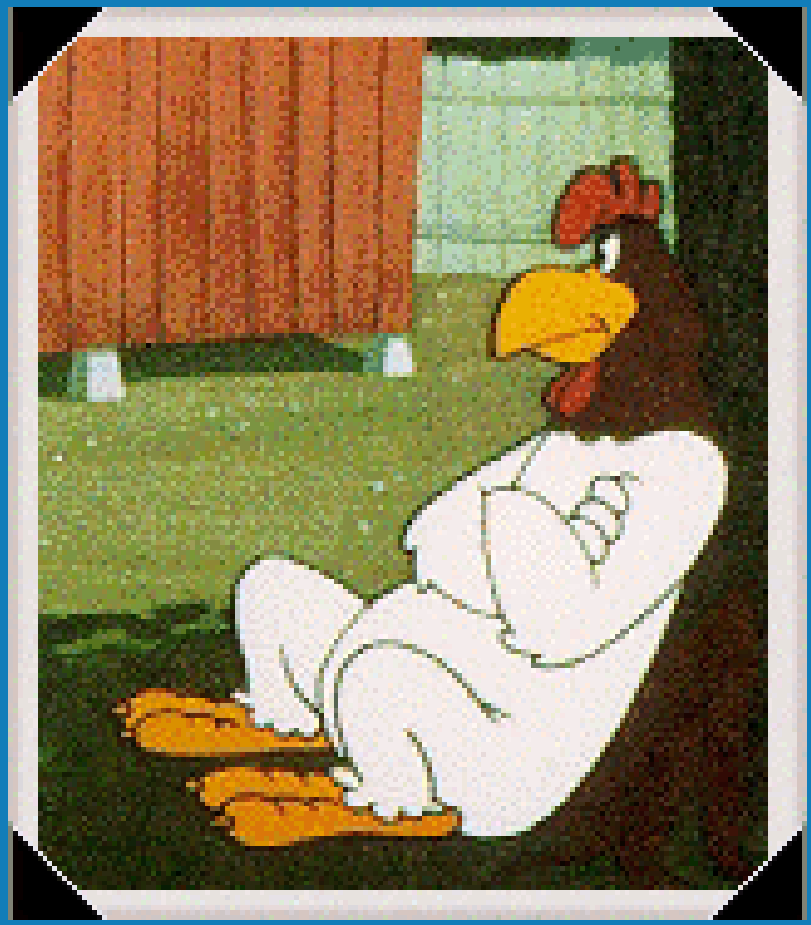
Engineering Staff

Ginny Listman

Tim Christensen
Database Administrator

Engineering Staff

Ginny Listman



Ed Lewis
Research Engineer

Tim Christensen

Engineering Staff

Ginny Listman

Michael O'Neill
Systems Engineer

Tim Christensen

Ed Lewis

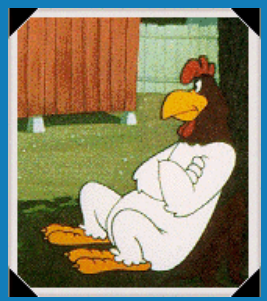
Engineering Staff

Ginny Listman

Darren Kara
System Administrator

Tim Christensen

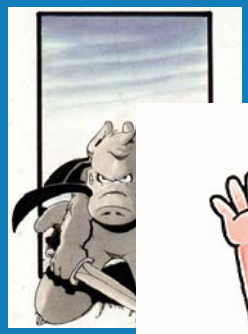
Ed Lewis



Michael O'Neill

Engineering Staff

Ginny Listman



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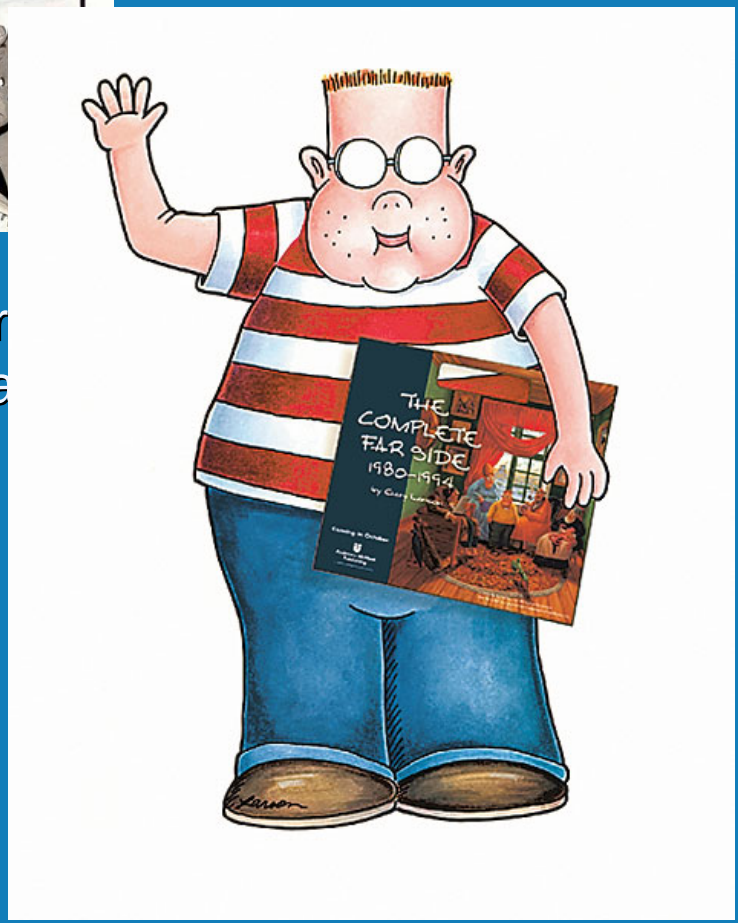


Matt Ryanczak
Lead System Administrator

Tim Christensen

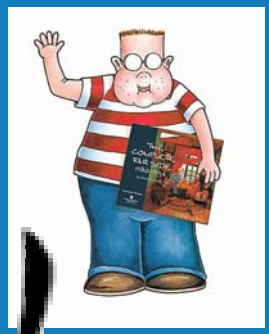
Ed Lewis

Michael O'Neill

Engineering Staff

Ginny Listman

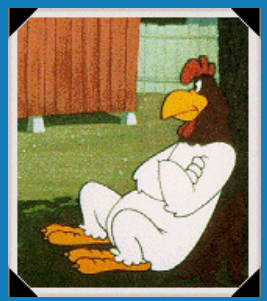
Darren Kara



Matt Ryanczak

Tim Christensen

Ed Lewis

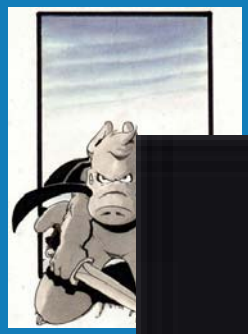


Matt Rowley
System Administrator

Michael O'Neill

Engineering Staff

Ginny Listman



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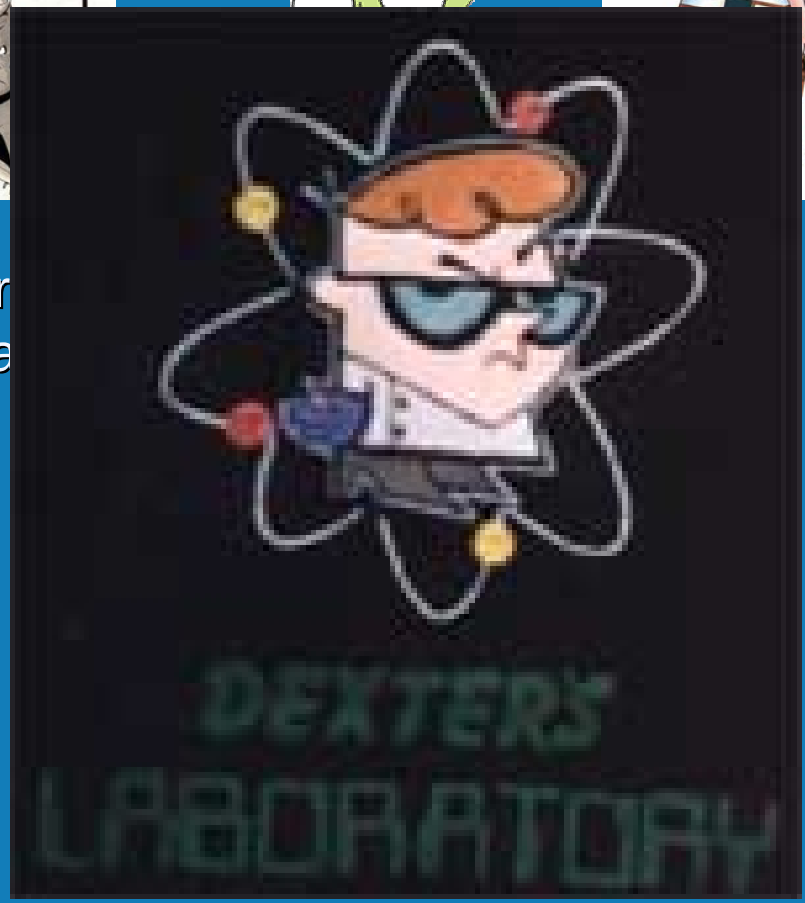
Tim Christensen



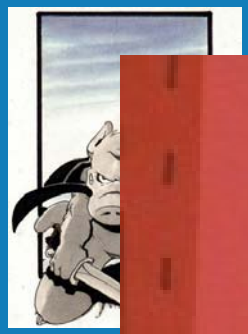
Ming Yan
Software Engineer

Ed Lewis

Michael O'Neill

Engineering Staff

Ginny Listman



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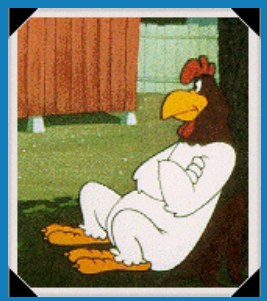
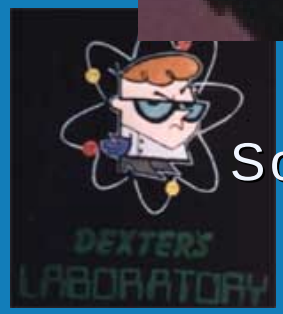
Tim Christensen

Adam Guyot
Software Engineer

Ed Lewis



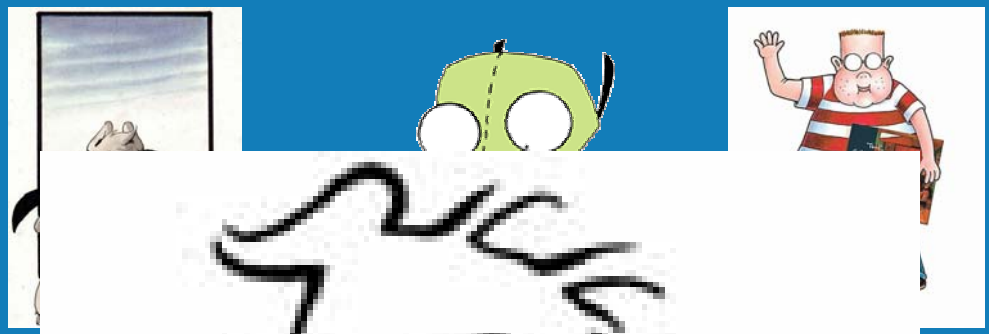
Ming



Michael O'Neill

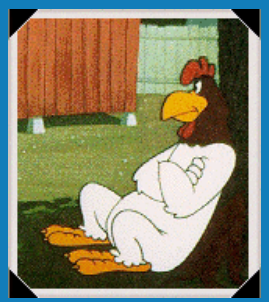
Engineering Staff

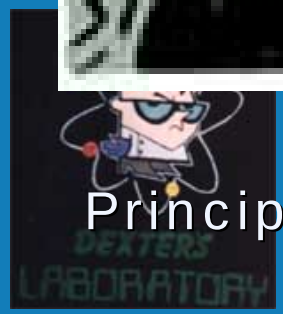
Ginny Listman



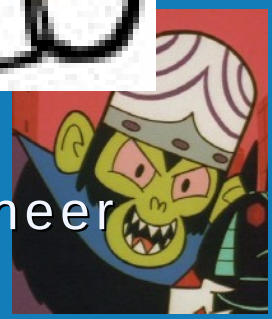
Tim Christensen

Ed Lewis





Cathy Murphy
Principal Software Engineer



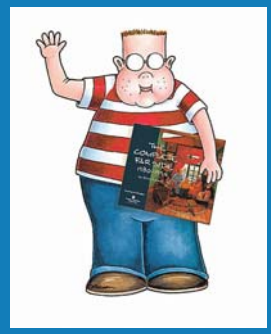
Michael O'Neill

Engineering Staff

Ginny Listman

Darren Kara

Matt Rowley



Matt Ryanczak

Tim Christensen

Ed Lewis

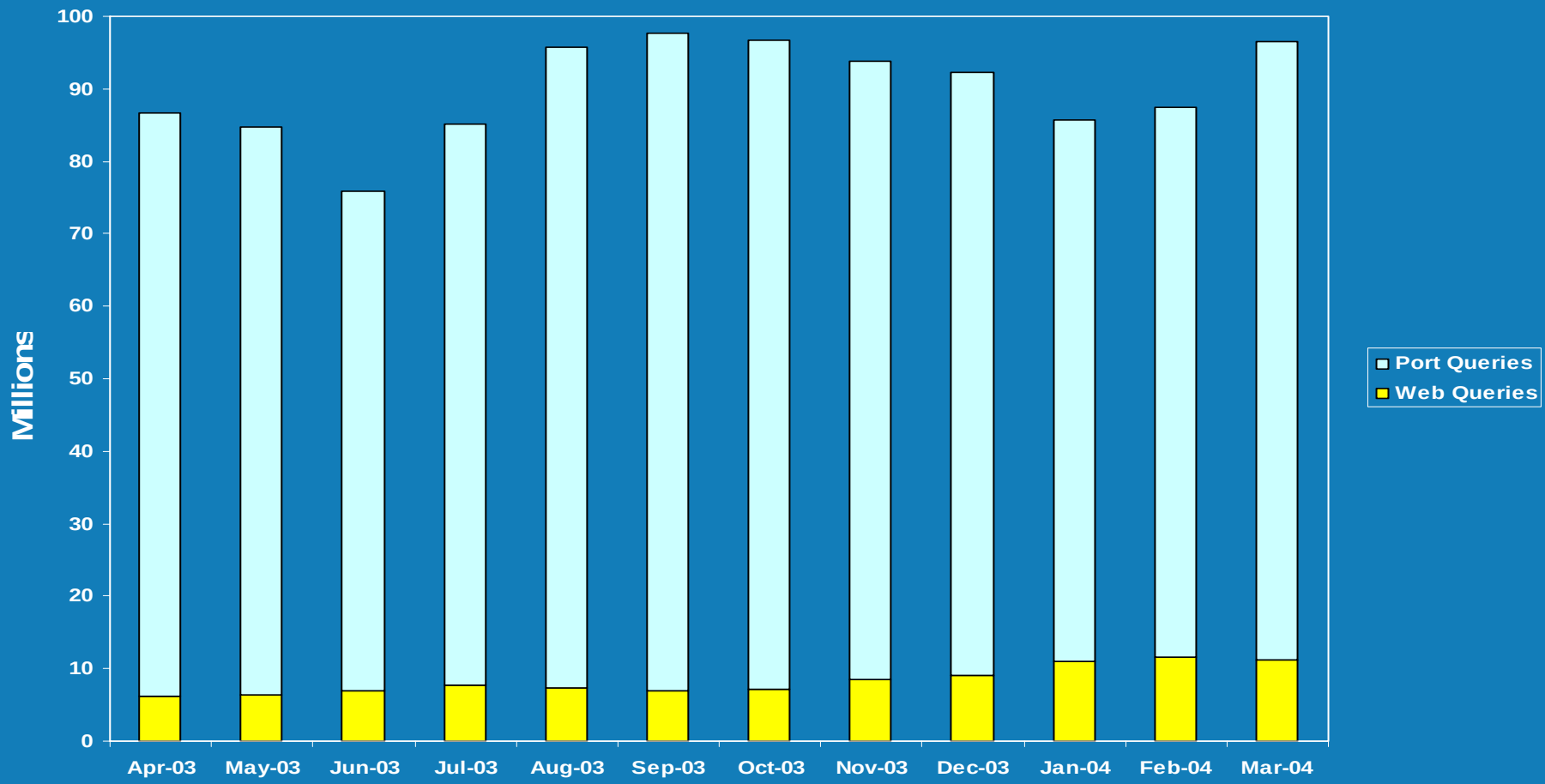
Ming Yan

Cathy Murphy

Adam Guyot

Michael O'Neill

WHOIS Query Statistics



Operational Activities

Operational Activities

- **Disaster Recovery Plan (DRP)**
- **Hardware Upgrades**
- **Co-location move**
  - FTP, DNS
  - TBD: Mail, WHOIS, RWhois, Routing Registry, HTTP/S
- **IPv6**
  - DNS, FTP, HTTP
  - TBD: WHOIS, RWhois, Routing Registry, HTTPS

Registration Support

- Implemented certificated authentication
- Developed tools to automate reinstatement of deleted network registrations
- Developed tools to help research and prevent hijacking

Policy Implementation Support

- **Policy 2002-8: Privatizing POC Information**
  - Various publishing mechanisms were modified.
- **Policy 2003-14: Remove /13 Maximum Allocation**
  - Registration system was modified.
- **Policy 2003-15: IPv4 Allocation Policy for the Africa Portion of the ARIN Region**
  - Registration system will be modified.

Engineering Impact of Policies at Last Call/BoT

- **Policy Proposal 2002-2: Experimental Internet Resource Allocations**
  - Implement a means to identify experimental allocations
  - Create reports to list experimental allocations
  - Develop a tool to notify of expiring allocations

Thank you!