



# IANA Status Update

## Istanbul, TR

### 28-Apr-2006

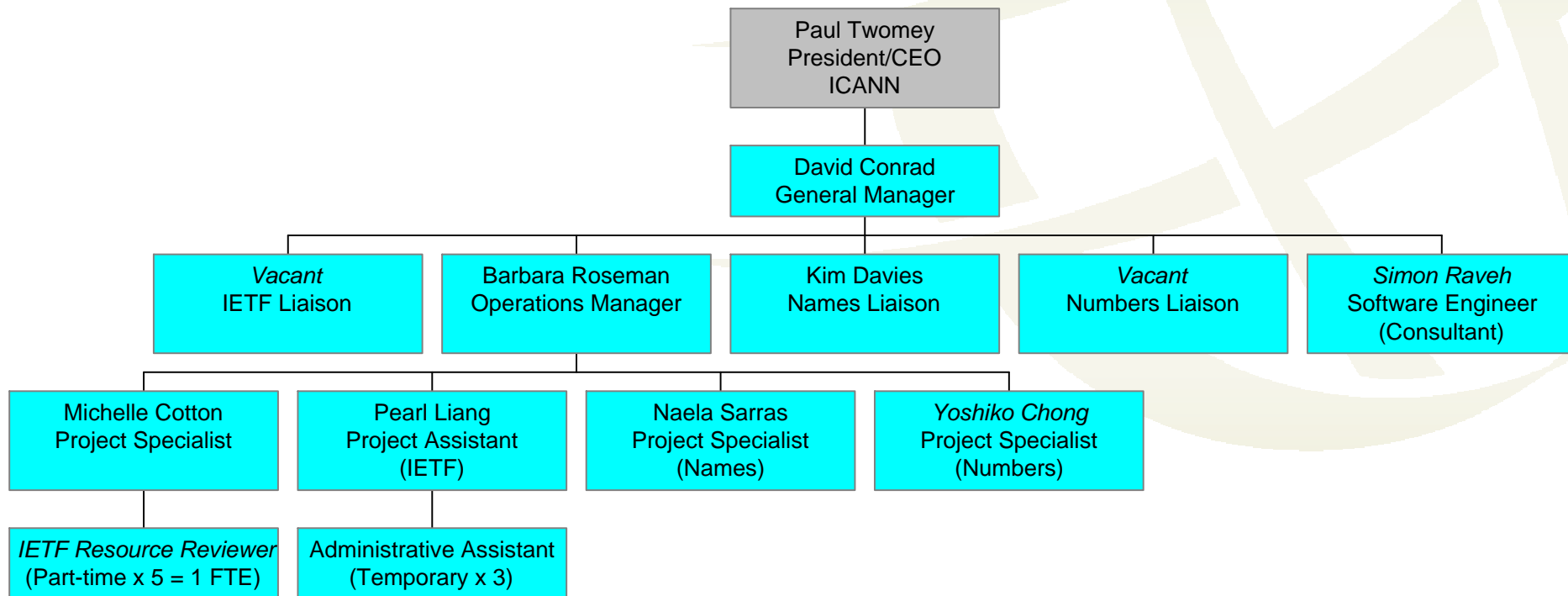
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David Conrad  
General Manager, IANA  
ICANN  
david.conrad@icann.org

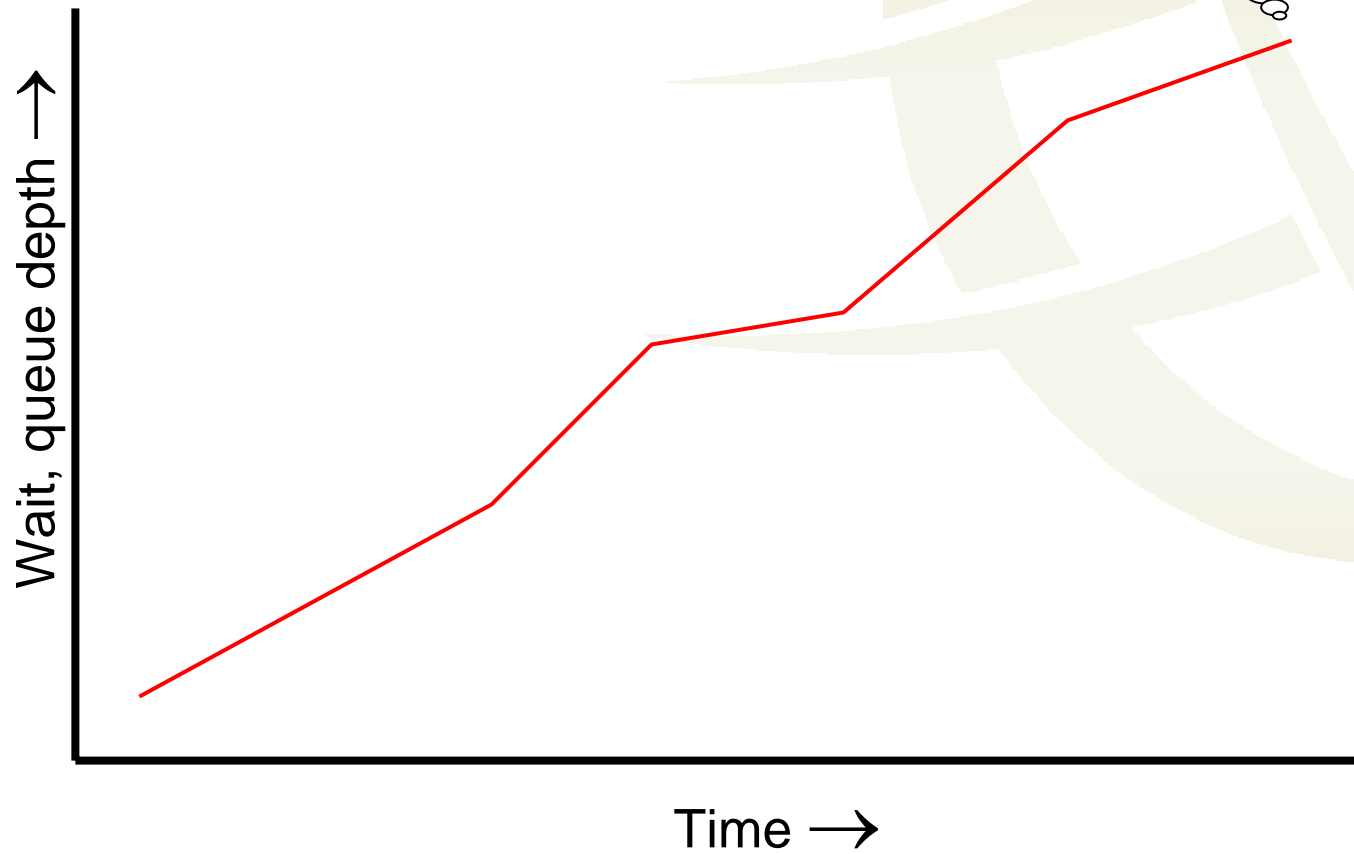
# Overview

- Current Statistics
- Vancouver ICANN Meeting Issues Status
- IANA Projects
- Next Meeting Goals

# IANA Organization



# Generic Performance Statistics Then



# Generic Performance Statistics Real Soon Now



# IANA's RIR Statistics



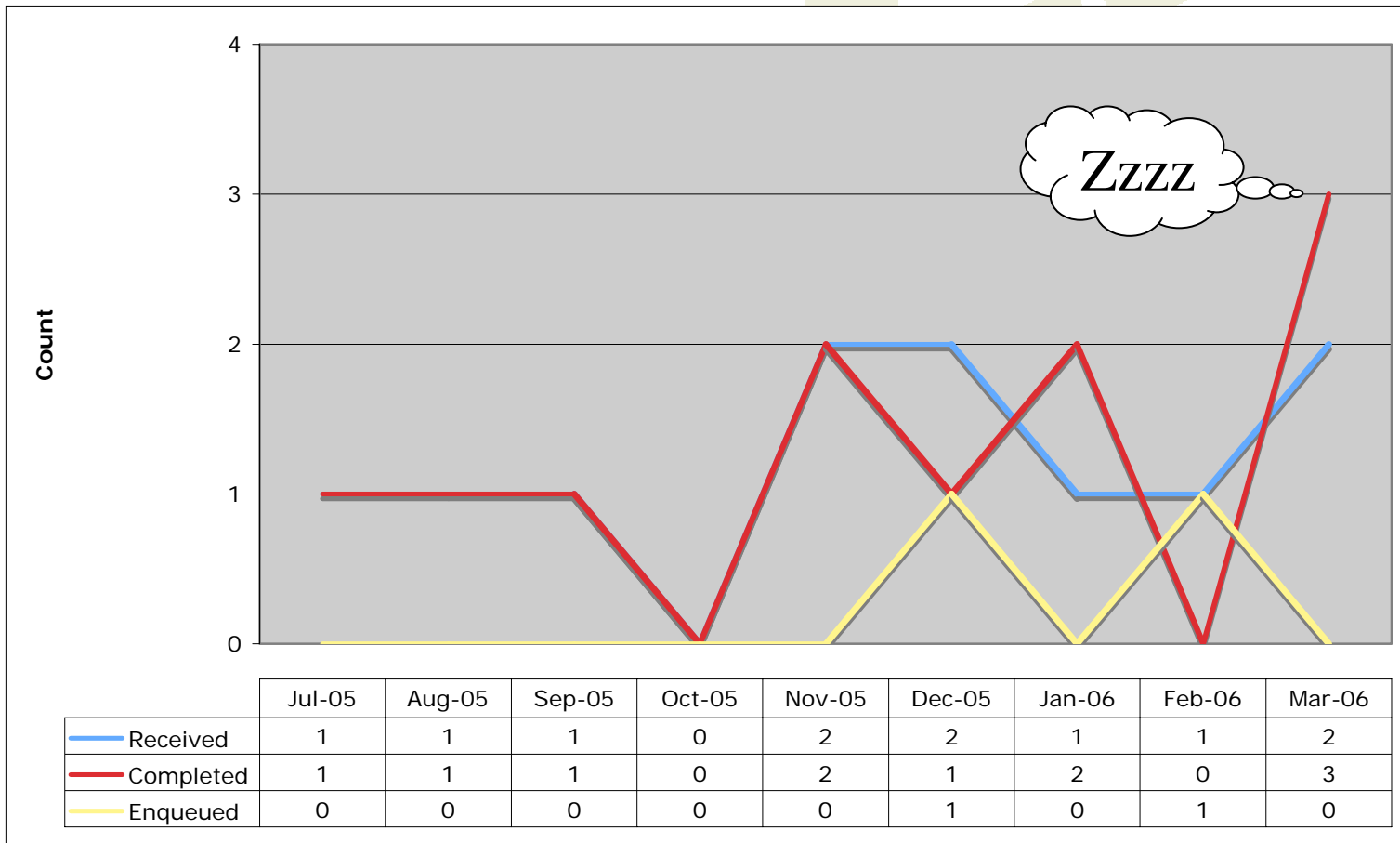
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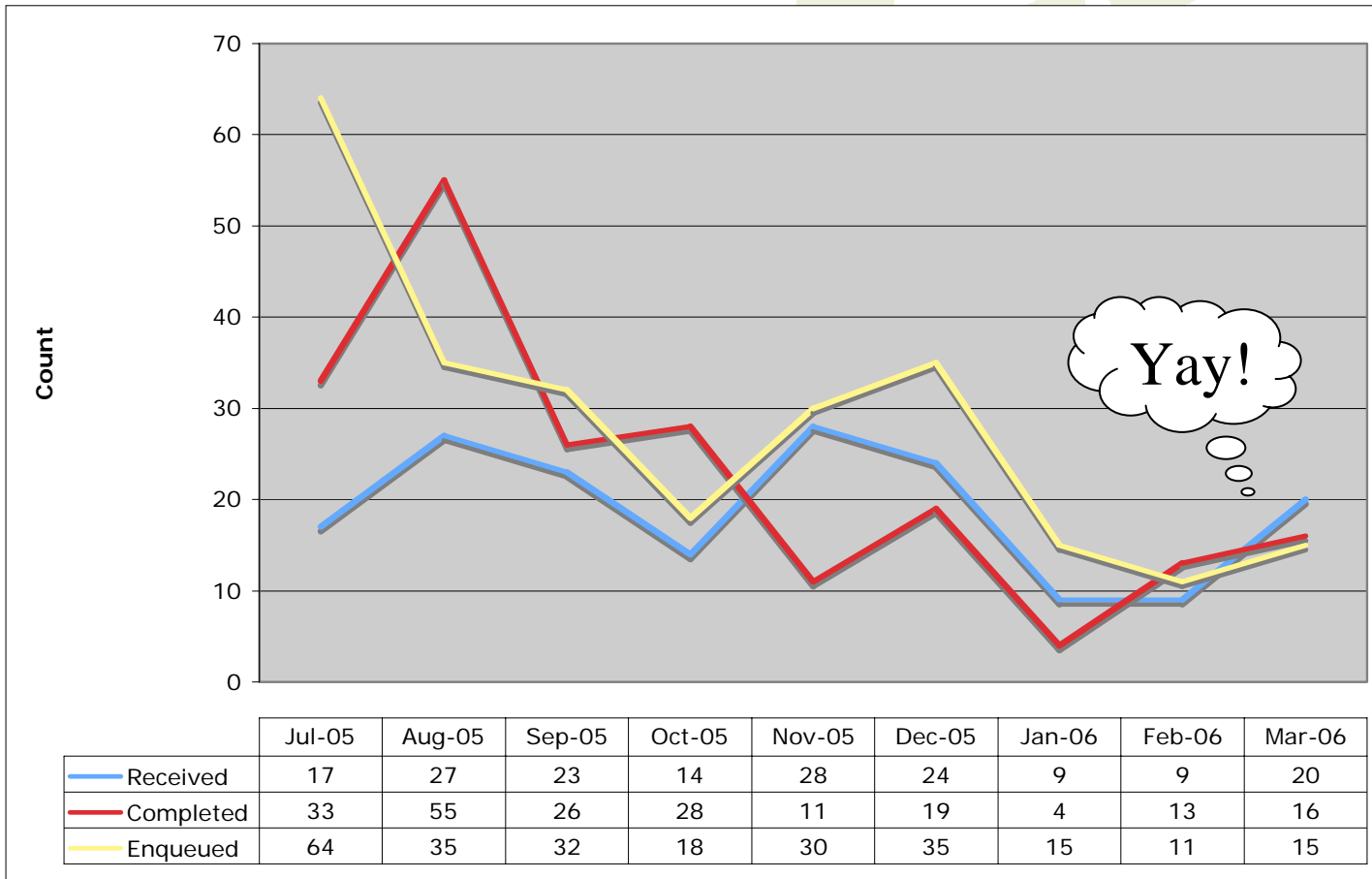
# BORING!!!!

# Cumulative RIR Requests

## Requests/Month



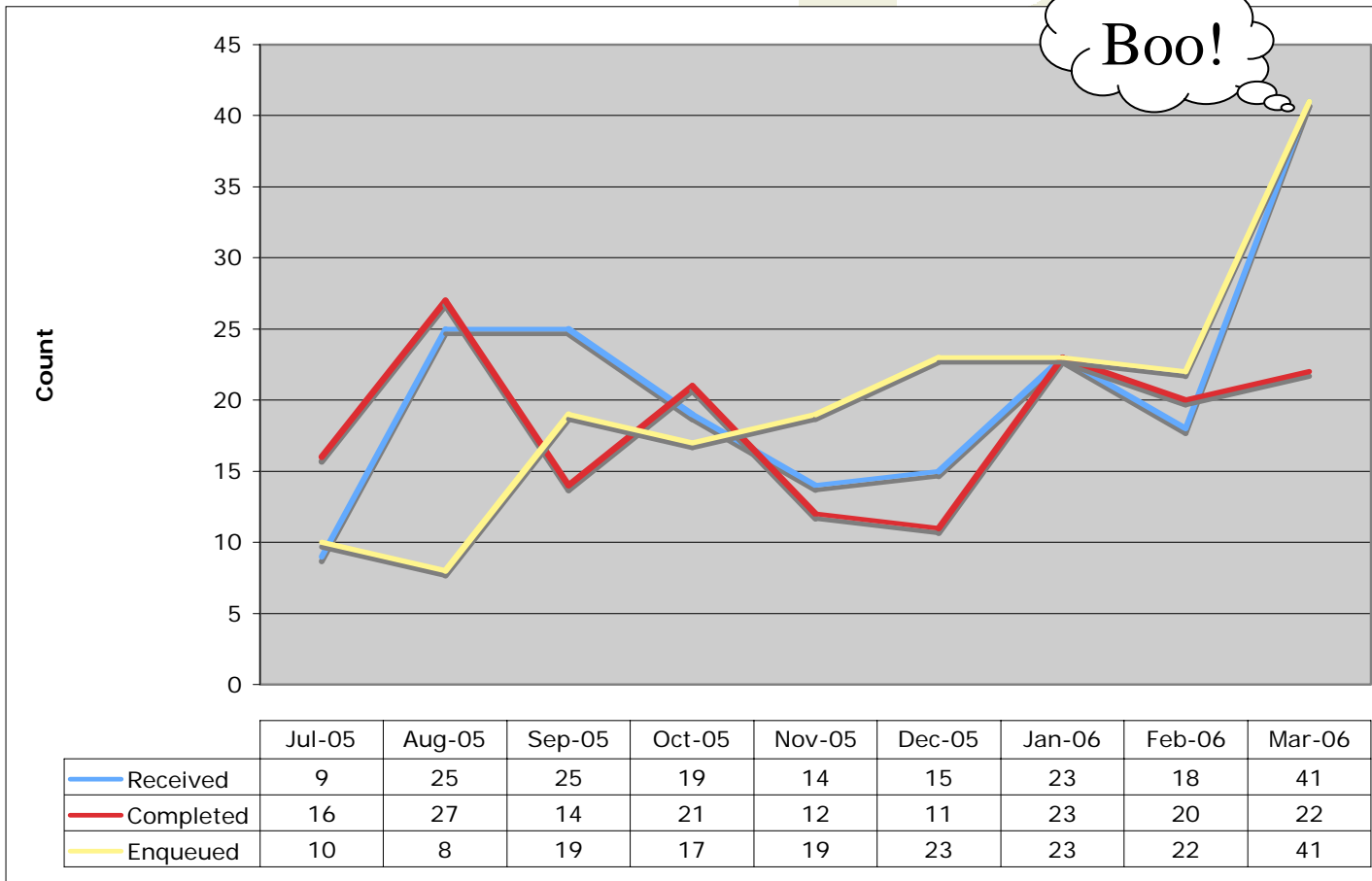
# Root Zone Management Requests/Month





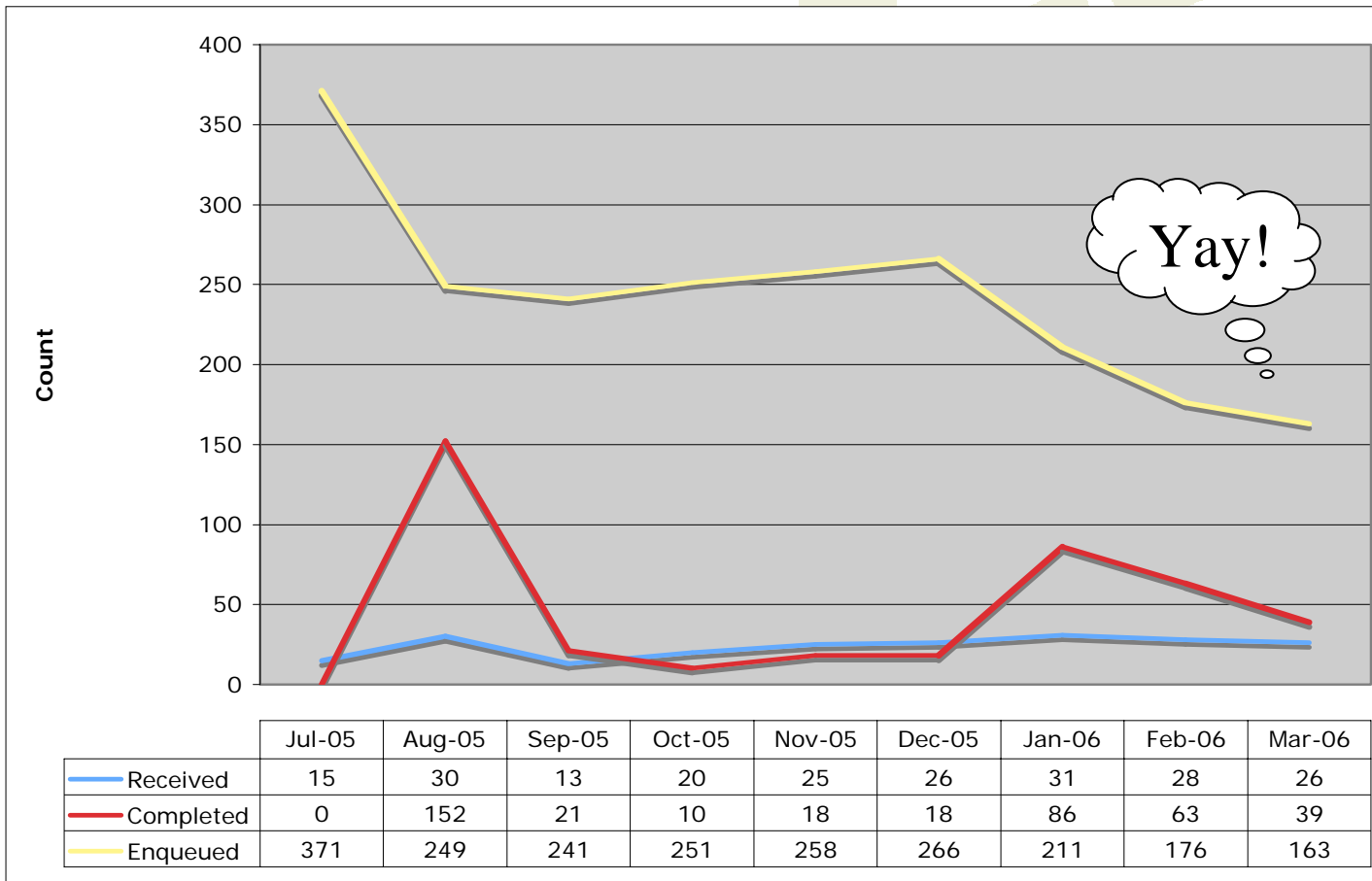
# Internet Drafts

## Drafts Reviewed/Month

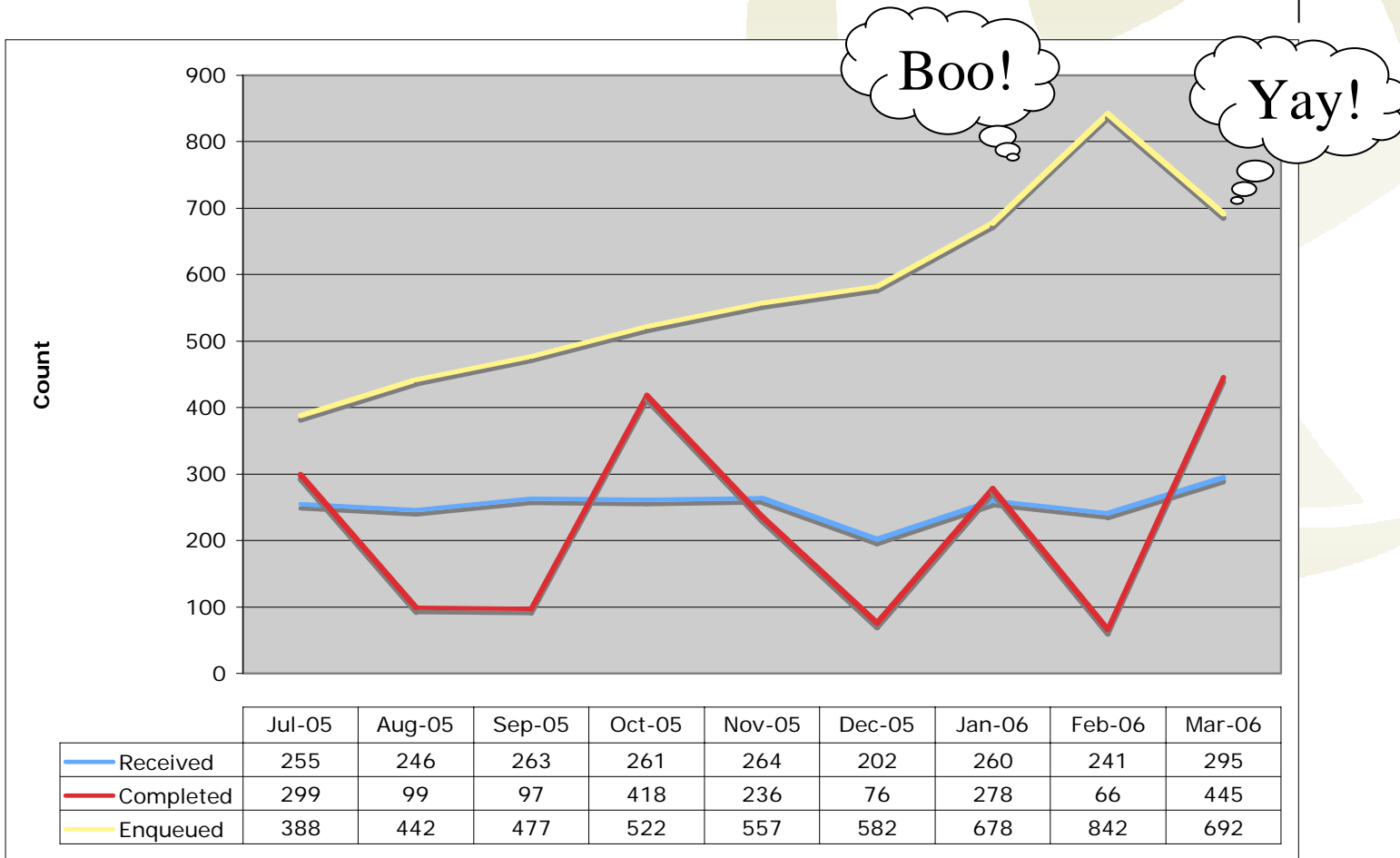


# Port Requests

## Requests/Month



# Private Enterprise Numbers Requests/Month



# Vancouver ICANN Meeting Issues Status



Vancouver Issue	Current Status	Comment
Consistent mgmt focus/prioritization	Resolved	Not an issue since before I started
Understaffing	Mostly done	2-3 FTE light. Hiring is difficult
Infrastructure lacking	Improving	Understaffing related, being resolved
Ticketing system	Resolved	Historical data migration would be nice
Multiple databases	Still an issue	Automation will address
Complicated processes	Improving	Simplification underway but constrained
Few external processes docs	Mostly done	Documents currently inconsistent
Process exceptions	Still an issue	Not easily resolvable
Large backlog	Mostly done	Target resolution date: شكرا رم
Lack of automation	Improving	Processes being automated
Customer comm. difficulty	Improving	New web page should help
Data inconsistently collected	Mostly done	RT helps, automation will help w/ detail
No tracked quality metrics	Mostly done	Reliable baseline established

# IANA Projects

- IANA currently has a large number of projects either being considered or being implemented
  - During implementation, some functions may continue to be sub-optimal
    - Working as fast as we can to address this
- Improving IANA performance, responsiveness, and consistency is the goal

# Major IANA Projects

Project	Status	Availability
24x7x52 Availability	Vendor selected, waiting on infrastructure	Apr, 2006
Archiving old data	Data scanned, not yet OCR'd	May, 2006
X.509 addressing trust anchor	Participating in meetings, evaluating position	N/A
Automated DNS server verification	Defining requirements, investigating software	Jun, 2006
IANA's DNSSEC infrastructure	Defining requirements, evaluating software	Jul, 2006
Root zone automation	Software being customized	May, 2006
IPv4 Registry cleanup	Modification confirmation required	Jun, 2006
Reporting	Software being developed	Jun, 2006
Ticket migration	Old data being migrated	Apr, 2006
Detailed statistics collection	Defining requirements and workflows	Jun, 2006
Customer survey	Vendor selected, final approval required	Jun, 2006
<b>IANA Web Redesign</b>	<b>First Draft complete, soliciting input</b>	<b>Mar, 2006</b>
PEN Automation	Alpha test starting	Apr, 2006

# Draft Proposed IANA Home Page

<http://test.iana.org>



The screenshot shows a web browser window titled "IANA - Home Page" with the address bar displaying "http://test.icann.org/index.shtml". The page content includes a "Welcome." message, the IANA logo, and the title "The Internet Assigned Numbers Authority". A paragraph explains that IANA is responsible for the global coordination of the DNS Root, IP Addressing, and other Internet Protocol Resources. The page is organized into three primary navigational tracks:

- Domain Names**: IANA manages the DNS Root Zone (assignments of ccTLDs and gTLDs), as well as the .int registry, and the .arpa zone. Links include: [Root Zone Management](#), [.int Registry](#), [.arpa Registry](#), and [IDN Practices Repository](#).
- Number Resources**: IANA coordinates the global IP and AS number space, and allocates these to Regional Internet Registries. Links include: [IP Address Allocation](#), [AS Number Allocation](#), and [Do you think you are getting attacked by us?](#)
- Protocol Assignments**: IANA maintains the central repository for protocol assignment registries used in many internet protocols. Links include: [Protocol Registry](#) and [Apply for assignment](#).

At the bottom, there is a "Search The Site" section with a search input field and a "ICANN Search" button. Below the search field, it says: "Enter a domain name, IP Address, RFC Number or keywords to quickly find the relevant information on the IANA site." and provides links for [About](#), [Jobs](#), [Contact Us](#), and [Announcements](#).

The footer text reads: "The Internet Assigned Numbers Authority (IANA) is an operating unit of ICANN - [Contact us](#)"

# Next ICANN Meeting Goals

1. Hiring 2 additional staff
  - IETF Liaison, Numbers Liaison
2. Put automation projects into (limited) production
3. Clear current request backlogs
4. Update and publicly document IANA resource allocation related processes
5. Publish IANA resource allocation performance data publicly
6. Complete migration of historical ticket data
7. Publish **proposed** IANA web site for comment



# Questions?



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