Engineering the Internet's Future for 25 years.

# IETF

Internet Engineering Task Force

www.ietf.org

# IETF@25 by the Numbers

## http://www.ietf.org/25years

Numbers as of 16 January 2011:

- RFCs: 4742
- RFC authors: 3612
- IETF meetings: 79
- Participants at IETF 1: 21
- Participants at IETF 79: 1207
- Total IETF meeting participants: 80,156

# Mike Corrigan

First IETF Chair
16 January 1986

# IETF 1 Participants Present at IETF 80

- Ross Callon
- Mike Corrigan
- Bob Hinden
- Mike St Johns
- Lixia Zhang

Original

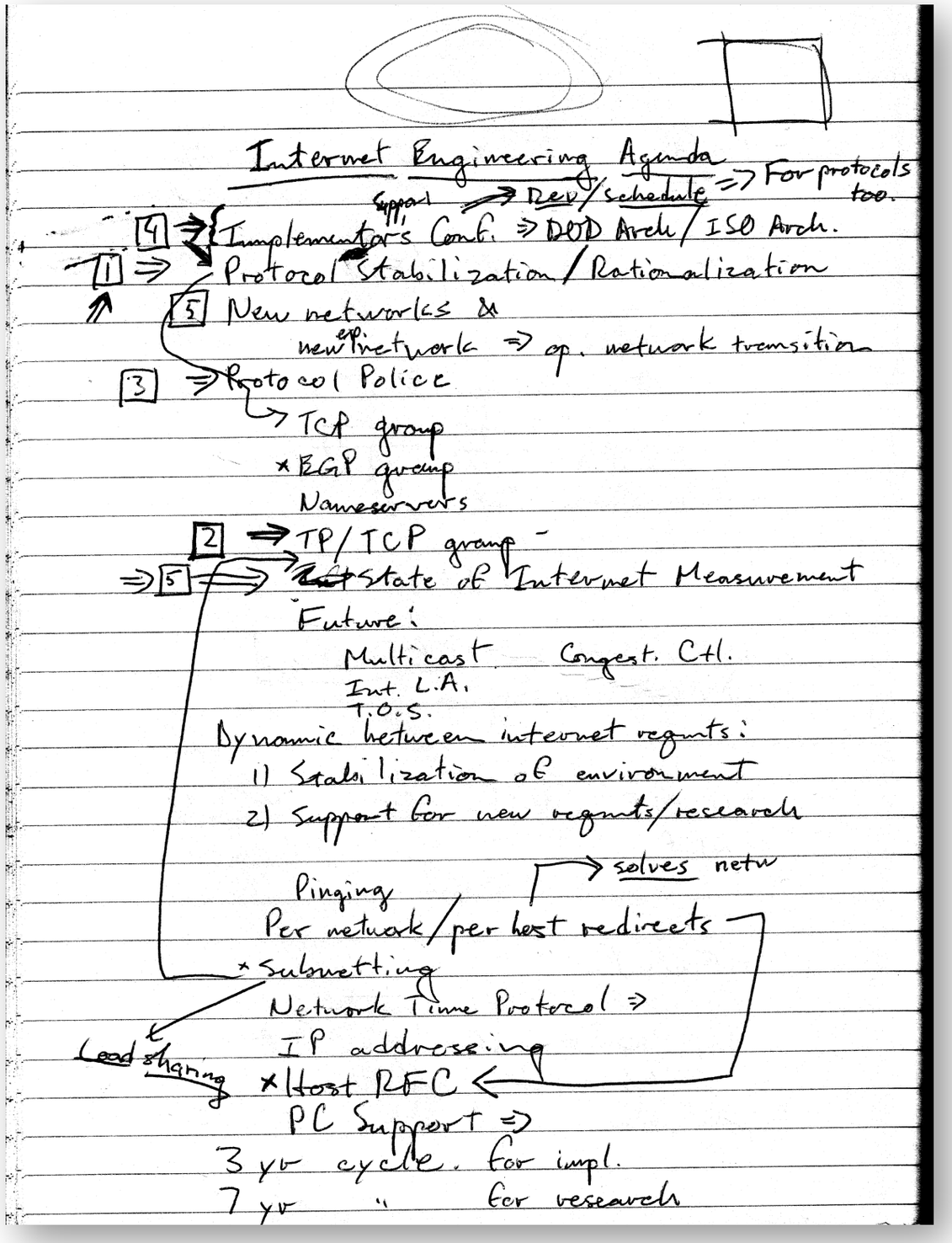
# Proceedings of the 16-17 January 1986 DARPA Gateway Algorithms and Data Structures Task Force

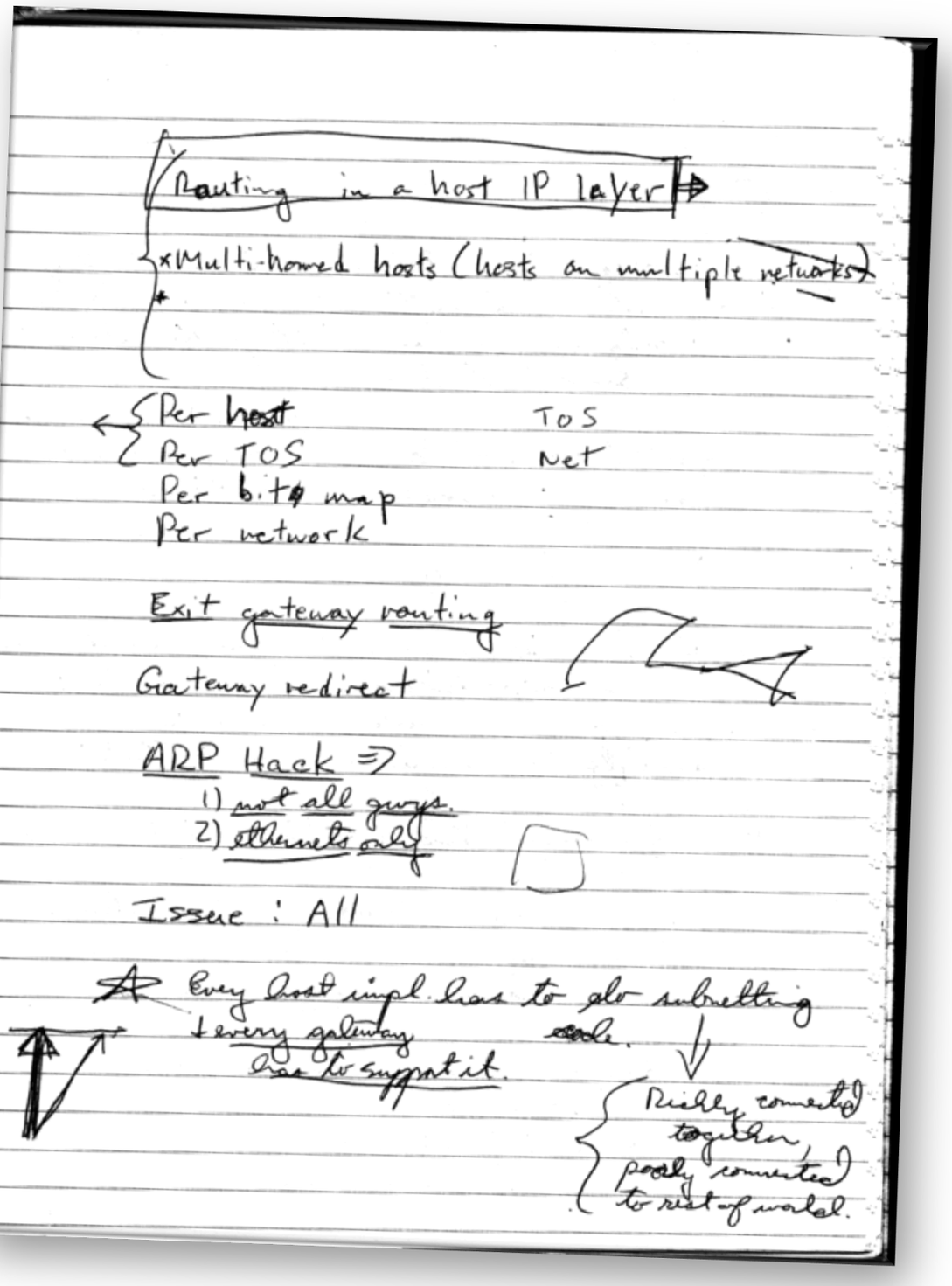
**Prepared by:**
**Phillip Gross**

**Gateway Algorithms Task Force**

## Table of Contents

# Notes from 16 Jan 1986



# IETF 1 - The Agenda

1. Protocol Stabilization/Rationalization
   - TCP Group
   - EGP Group
   - Nameservers
   - Subnetting
   - Network Time Protocol
   - PC support
   - IP Addressing

# IETF 1 - The Agenda

Future:

- Multicast
- Congest. Ctl.
- Int. L.A.
- T.O.S.

Dynamic between internet requirements: 1) Stabilization of Environment; 2) Support for new requirements/research

# Still on the "To Do" List from IETF 1

1. Protocol Stabilization/Rationalization
   IP Addressing - IPv6 transition - will addressing "silo”?
3. Protocol Police - "Tarpitting"???
5. New Networks & New Experimental Network => Op. network transition - Internet2? and what next?
5. State of Internet Measurement - Lixia is still working on it

Multicast - Efficient and Secure?

Congestion Control - Do the assumptions of the Van Jacobsen solution remain valid?

T.O.S. - Can we support mobile and medical grade networks?

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