Politics of Cyberspace @ JCOGS

Net Neutrality

M. E. Kabay, PhD, CISSP-ISSMP

Professor of Computer Information Systems School of Business & Management College of Professional Schools **Norwich University**

Topics

- ➤ Common Carrier
- ➤ Telecommunications Status
- ➤ Defining Net Neutrality
- > Arguments In Favor of Repeal
- **➢ Counter-Arguments**
- > ISP Interference w/ Bandwidth
- > Legal Liability from Non-Neutrality
- > FCC: The Mandate
- ➤ Verizon Executive at FCC
- > Consolidation Net Neutrality = Trouble
- ➤ Resistance

Common Carrier Status - 1934

- > Shipping companies & telecommunications providers
- □Telegraph □Telephone
- > Forbidden under US law from discriminating among clients
- > Cannot apply different rules/charges to different clients for same service
 - □Only attributes of service count
 - ✓ E.g., Weight, size of package, delivery time
 - ✓ Source/destination of communications
 - □Cannot charge two customers different prices for exactly same service
 - □Cannot speed up service for different senders to same client who has paid for delivery

47 USC §153 (11)



The term "common carrier" or "carrier" means any person engaged as a common carrier for hire, in interstate or foreign communication by wire or radio or interstate or foreign radio transmission of energy, except where reference is made to common carriers not subject to this chapter; but a person engaged in radio broadcasting shall not, insofar as such person is so engaged, be deemed a common carrier.

47 USC § 202 (a)

It shall be unlawful for any common carrier to make any unjust or unreasonable discrimination in charges, practices, classifications, regulations, facilities, or services for or in connection with like communication service, directly or indirectly, by any means or device, or to make or give any undue or unreasonable preference or advantage to any particular person, class of persons, or locality, or to subject any particular person, class of persons, or locality to any undue or unreasonable prejudice or disadvantage.

Telecommunications Status



- > Common-carrier status applied to
 - □Telegraph
 - **□Telephone**
- □Internet Service Provider (ISP) > E.g., AT&T or Verizon could not discriminate
- among content providers
 - □Netflix could not pay more for higher bandwidth than YouTube
 - □Could not slow down access to small Websites (e.g., mekabay.com) while speeding up access to big sites (e.g., AMAZON.COM)





















































