IRM Expansion

IFAST #23
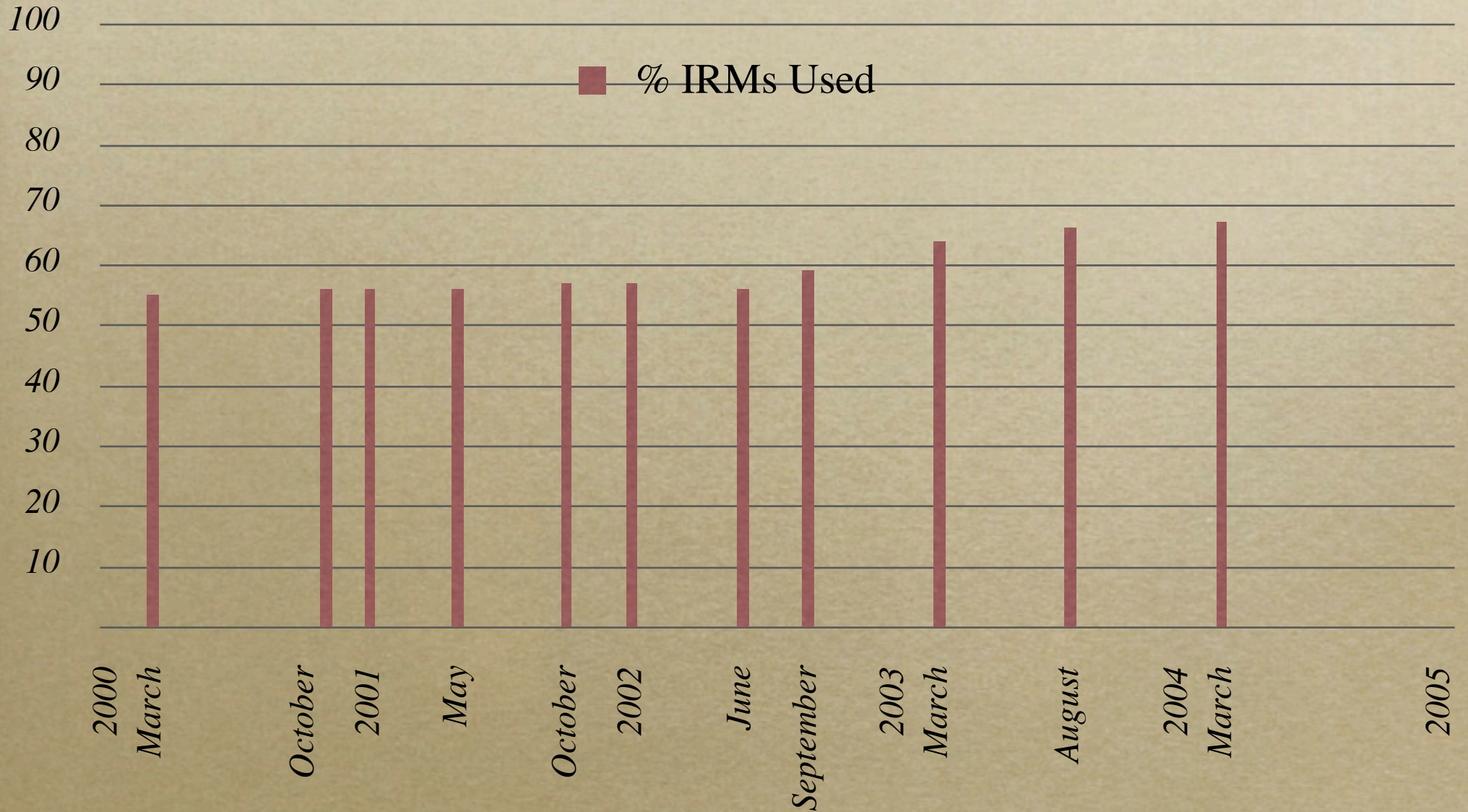*March 23-24, 2004*
Atlanta Georgia

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Current IRM Status

- *2,000 IRM Network Identifiers of the format [0-1]XXX+6D*

- *1,313 are assigned (two-thirds).*

- *An average of 60 codes are assigned each year.*

- *Obtaining contiguous blocks and codes of the preferred format is becoming difficult.*

IRM Utilization over Time

When Will IRM's Exhaust?

- *12% of IRM resource has been assigned in last 4 years (3% per year).*

- *33% of resource remains.*

- *Exhaustion can be anticipated in about 11 years (2015).*

- *Rapid growth of wireless systems could make exhaustion come more quickly.*

IRM Expansion

- *[2-9]XX-[0-1]XX-XXXX is not a valid North American dialable number.*

- *North American MBI Administrator (mbiadmin.com) manages most MIN codes beginning with 2 through 9 … but not all.*

- *[2-9]XX[0-1]+6D blocks are reserved for international use by MBI guidelines*

- *This will provide 1,600 new codes.*

IRM Status After Expansion

- *Initially, about 1,300 codes would be assigned out of 3,600.*

- *This is 37% usage.*

- *The resource would last more than 30 years at current assignment rates.*

Grandfathering

- *Several users of codes in the NXX[01] block have been identified.*

- *All are international wireless carriers (Telecom NZ, Telecom Samoa Cellular, Unifon, Pelephone, Pacific Link, KDDI).*

- *There are specialized usages of the 'D' digit, but not for dialable numbers. See INC report, January 2003.*

- *What should payments be for grandfathered IRM codes?*

- *Recommendation: No application fee, IRMs considered paid until December 31, 2004.*

Conclusions

- *IMSI Implementation has not occurred, and may not occur in time to prevent IRM exhaustion.*

- *IRM fragmentation is already a problem.*

- *IRM Expansion is recommended.*