



IPPM and ITU-T IP Performance Status

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IETF-55

Status/Comparison

- **Will Leland's comparison (at IETF-44):**

<http://www.ietf.cnri.reston.va.us/proceedings/99mar/slides/ippm-itu-99mar.pdf>

- **Will's conclusion: “Don't Panic” most differences have no operational significance. Now there's even some good news.**
- **I.380 is now re-numbered Y.1540, same scope as before, some terms changed(circuit section=> Exchange Link = Exchange)**
- **Delay variation is an area where IPPM and ITU-T are now very close.**
- **ITU-T has a new parameter, IP Severe Loss Block Ratio.**
- **Ref's to IPPM's BTC framework and Loss Pattern RFCs**
- **One reason ITU-T defines parameters is to enable writing performance objectives (now in Y.1541). Numerical objectives are beyond our scope.**

IP Packet Transfer Specifications

	IETF IPPM RFCs	ITU-T Recs.
Framework	2330	Y.1540 cl 1 thru 5
Sampling	2330, npmps (approved)	(future work in SG4 ?)
Loss	2680	Y.1540 cl 5.5.6
Delay	2679 (1-way) 2681 (Round Trip)	Y.1540 cl 6.2
Delay Variation	3393	Y.1540 cl 6.2.2
Availability	2678	Y.1540 cl 7
Bulk Transfer Cap	3148	
Loss Patterns	3357	