

# Framework for Metric Composition + Spatial Composition of Metrics

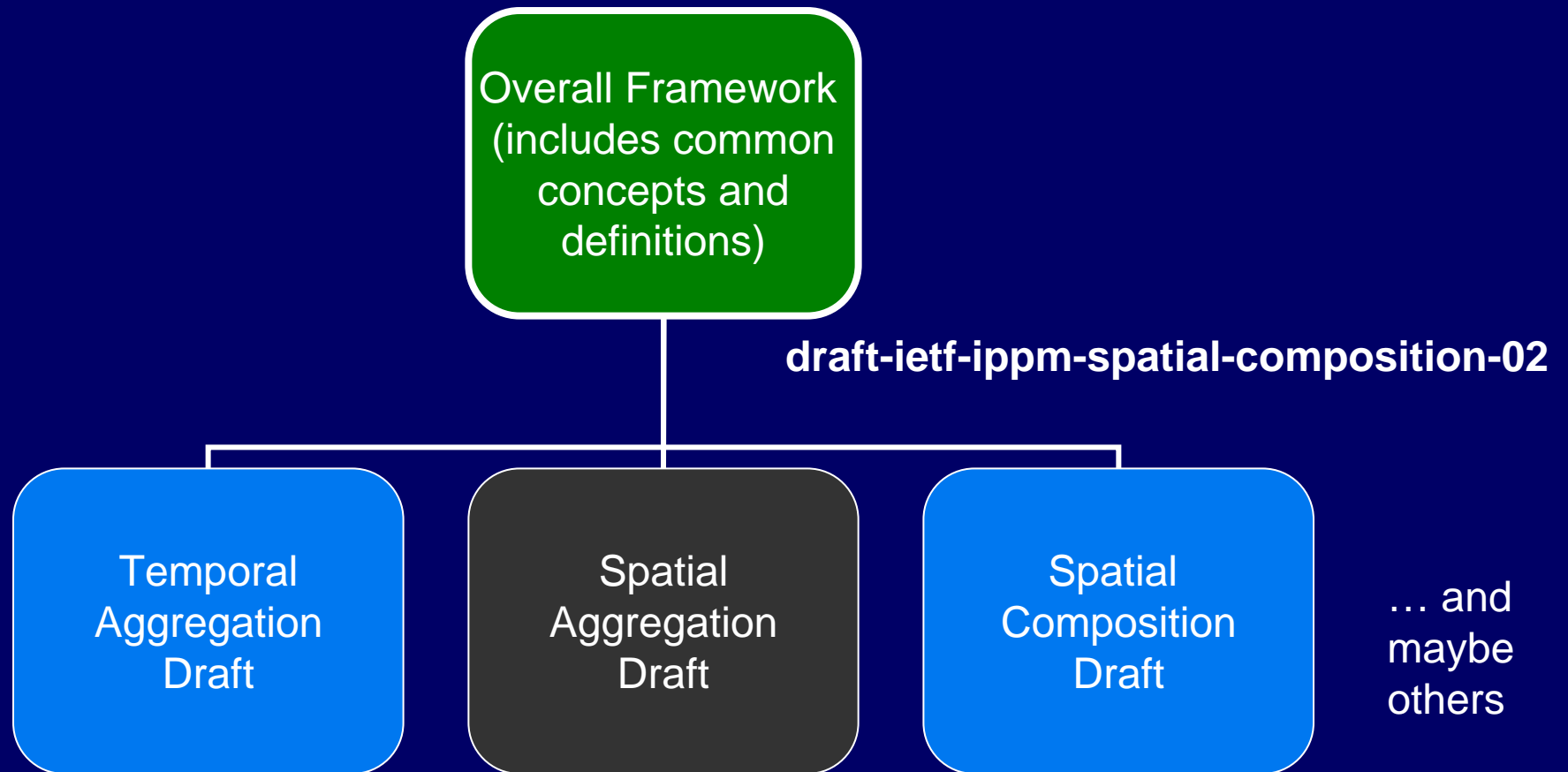
**Al Morton + many others**

**November 7, 2006**

---



# draft-ietf-ippm-framework-compagg-02.txt

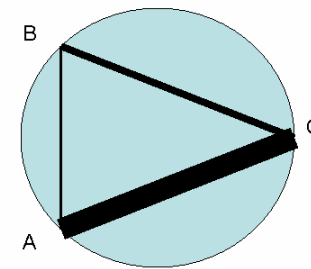
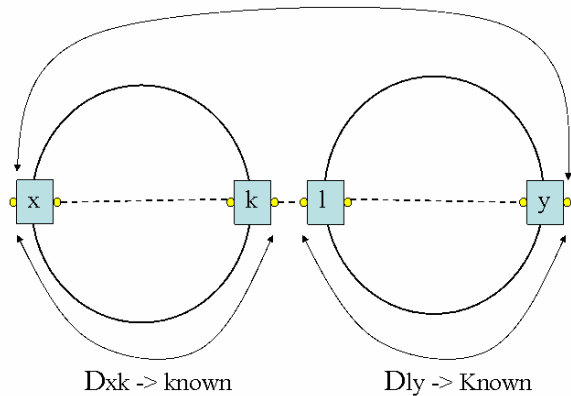


# Types of Composition

- Complete/Sub-Path (or Concatenation in Space)

- Aggregation in Time (12x5min stats ->1 hr)
- Aggregat. in Space

$D_{xy}$  (not known)  $\approx D_{xk} + D_{ly}$  ???



	Delay	Load
A-B	24.5 ms	1 Gbit/s
B-C	7.8 ms	3 Gbit/s
A-C	4 ms	9 Gbit/s
Domain	$1/13 * 24.5 + 3/13 * 7.8 + 9/13 * 4 = 6.4$ ms	13 Gbit/s



---

## Status of Framework 02

- Collected common terms in new section
  - New definition for Measurement Point
- Expanded Definition of “Ground Truth” to Temporal/Spatial Aggregation
- Next Steps
  - Are any aspects Missing?
  - Convince folks to Read and Comment
  - Stabilize text by December 2006



# Status: Spatial Composition 02

- ❑ Terms and Definitions moved to Framework
- ❑ Lots of Editorial Fixes
- ❑ Removed Loss-Delay Combo as we discussed at IETF-65 and confirmed at IETF-66
- ❑ All Issues raised so far have been discussed and resolved (Section 10)
- ❑ Future:
  - Add new metrics
  - Collect common sections up-front to reduce redundancy, such as Application of the Method.