

# Data Access Layer

## Summary

# Data Access Layer

- SIAv1 reviewed by most of the Exec
  - A few approvals remain
  - Should be REC within weeks

# Data Access Layer

- SIAv1 reviewed by most of the Exec
  - A few approvals remain
  - Should be REC within weeks
- Informative talk from Anita about interferometry data
  - how we might accommodate such data within the VO
  - How it might be used

# Data Access Layer

- Footprint Service Specification
  - Three data access levels defined in increasing complexity
  - Build on IVOA stds
    - STC Region + Char + ObsDM
    - TAP, ADQL, VOSI ?
  - Start IVOA Working Draft
    - Define Level One access – 80/20 rule

# Data Access Layer

- Photometry Servers
  - How to include photometry data in VO
  - Astrophysical community want this
  - Prototype based upon SSA
  - Plans:
    - Continue work in AIDA context
    - VOSpec to include SSAP support
    - Notes to IVOA for open discussion

# Data Access Layer

- SIAv2
  - Two very helpful talks
  - Comparison with Obs/TAP
    - SIAv2 provides extra query richness
    - Complementary pair
  - Complex data access cases discussed
  - Draft document presented
    - 2D data / Data cubes / etc
  - Document published
  - Discussion encouraged!

# Data Access Layer

- TAP
  - Discussed:
    - Changes resulting from RFC period(s)
    - Changes resulting from TCG review
    - Experience (good & bad) when implementing a TAP service
  - Major issues reconciled
    - Outstanding issues input to next TAP version

# Data Access Layer

- TAP
  - Plans
    - Publish final revision taking into account all RFC & TCG comments
    - Extend TCG review period by two weeks
    - REC thereafter



# Data Access Layer

- PQL
  - Overview of concepts
  - Articulation of options and choices
  - Move PQL to VOQL Working Group?
  - Plan:
    - WD soon
    - REC by Victoria?
    - Probably not, but a target

# Data Access Layer

- Obs/TAP
  - Options and choices discussed
  - Some optional TAP capabilities mandatory for an Obs/TAP service
  - Need to reconcile ObsDM and GDS data models
  - Plan
    - Discussion and debate on mailing list