

## Meeting Notes

**Subject:** Data Objects Working Group – Meeting 6 (TfL – London)

**Date:** 11.03.2004

### Attendees:

Gary Umpleby (Mott MacDonald)  
Jim David (Mott MacDonald)  
Brian Robinson (Peek)  
Janet Ansell (Siemens)  
Brendan Mason (Tenet)  
Stephen Corlett (Thales)  
Mandy Patel (UM3P)

### Action Items:

- **Transport Link Data Object**
- Transport Route and Link Data Objects - Northing/Easting Start/End added to Transport Route Data Object and renamed Northing/Easting Start as Northing/Easting in both Transport Route and Link Data Objects
- **VMS Data Objects**
- Siemens agreed LuminescenceOverride field to be Character in place of Integer
- **Car Park Data Object**
- See Next Data Objects Meeting (Item 5) below
- **Other Outstanding Actions**
- Common Support Objects to be reviewed by all with the exception of:
  - Fault Support Object (JD to review – see Outstanding Actions from Meeting 4 below) **A:JD**
  - All other Objects to be reviewed **A:ALL**
- **Global Support Objects**
- Agreed that the Day Type Data Object will be expanded in a future Registry Version.
- It is suggested that Day Types being defined by RTIG should be adopted when released to support a general move to standardise across the different industry groups
- **Global Changes to be made to Data Objects being entered into Registry V2.B**
- The Data Objects Registry is remaining at V2.A for Meeting 6 additions
- Champions to check that Data Objects being entered into V2.A have the following changes implemented prior to submission (these changes have been made to V2.A **A: ALL**)
  - TABLE/VIEW REFERENCE = Component Reference in all DOs and DO Template – **DONE in V2.A (12.02.2004)**
  - Associated Generic Views should be changed to Associated Common Support Components in the orange box – **DONE in V2.A (12.02.2004)**
  - DataSource becomes DataSource\_TypeID in the DO Template and all DO definitions – **DONE in V2.A (12.02.2004)**
  - Add green box defining the Global Data Support Objects used in each Data Object – copy from the Air Quality DO – **DONE in V2.A (12.02.2004)**
  - Change Day Type to Day\_TypeID - **DONE in V2.A (12.02.2004)**
  - Replace NetworkLinkReference with NetworkPathReference in all definition parts (Pink Areas only = Definition Table) - **DONE in V2.A (12.02.2004)**
- **Access Control Data Object**
- Discussed and agreed – submitted to Registry
- **Data Type Definitions**
- The definition of data types was discussed at length. It became clear that Data Type Definitions need further detailed discussions and needs to be scheduled for a later meeting
- **Commands and Data Source Structures**
- See Next Data Objects Meeting (Item 6) below
- **Common Support Objects**
- **Quality Support Object** – agreed to leave as is for V2.A
- **Device History Support Object** – all attributes changed to Dynamic and Mandatory
- **Data Source Support Object** – deleted (replaced by the DataSource\_TypeID in the Global Support Data Objects set)

- **XXX-Type Support Object** – deleted (replaced by the Common TypeID Support Object)
- **Command Support Object** – All attributes made DYNAMIC – min/max values removed except for System Code Number (max)
- **Fault Support Objects** – Removed and established as an independent Support Data Object - Champion = Jim - Jim to review and distribute for agreement - see Next Data Objects Review Meeting (Item 3)
- **Planned & Unplanned Events**
- See Next Data Objects Meeting (Item 4) below
- **Network Support Objects (ex-Network Structures)**
- Agreed and submitted to the Registry V2.A

## Next Meetings and Way Forward

### (1) Session Management & UTMC General Interface Principles Meeting (proposed for Wednesday 31.03.2004) – Meeting 7

It was agreed that a 'focus meeting' is required to address the specific issues of Session Management and UTMC General Interface Principles prior to Registry Version 2 being released. It is viewed that this session may introduce the requirement to update some of the Data Objects which should be done before Registry Version 2 is agreed (to avoid the need for further Registry updates shortly after Registry Version 2 is released).

Brendan to circulate initial proposal (based on previous documents circulated) as a starting point for the Session Management discussions  
**A:BM - by 19.03.2004**

Issues to be addressed include:

- Session Management - Key players are the CDB suppliers – Siemens, Tenet, Mott MacDonald + Thales + Peek (? – Brian to advise)
- Data Type Definitions – including the update of all currently agreed Objects (in Registry 2.A) – to be included in the Registry Version 2
- Storage of CCTV binary images (if time allows)

### (2) Next Data Objects Meeting (proposed for Thursday 06.05.2004) – Meeting 8

It was agreed that the following items need to be addressed at the next meeting:

#### (1) Profile Data Object

- Janet to distribute Profile Data Object proposal for comment **A:JA**
- To be finalised, agreed and submitted at the next Data Objects Review Meeting

#### (2) Prediction Data Object

- Janet to distribute Profile Data Object proposal for comment **A:JA**
- To be finalised, agreed and submitted at the next Data Objects Review Meeting

#### (3) Fault Objects

- Jim to propose a Generic Fault Object + Support Tables and circulate for E-Mail discussion **A:JD**

#### (4) Planned and Unplanned

- Siemens (JA) to discuss internally the TWGs preference to move to separate Data Objects (rather than a generic object with types for each of the Event Types) **A:JA**
- If Siemens agree to move to separate Data Objects then Jim to re-work the Planned & Unplanned Data Object as separate Data Objects (as now) and circulate for agreement **A:JD**
- If Siemens are unable to agree this change then a further TWG discussion will be required

#### (5) Car Park Data Objects

- Janet to check if Siemens UTC and/or Siespace uses DetectorFault (Line 60) **A:JA**
- To be finalised, agreed and submitted at the next Data Objects Review Meeting

#### (6) Commands and Data Source Structures

- Jim and Brendan to circulate briefing note on the issues surrounding this item for discussion at the meeting **A:JD/BM**

### **(7) Descriptions for the various components of a Data Object**

- See BM E-Mail dated Thu 19/02/2004 11:14
- To be discussed and agreed for inclusion in the Registry Version 2

Subject to agreement being reached on the above 7-items the Registry Version 2.A will be complete subject to the **Session Management** and **Data Type Definitions** being agreed from the "Session Management Meeting" (Meeting 7).

It is proposed that a final circulation of the Registry Version 2.A be made to all members of the Technical Working Group Data Objects Sub-Group for final checking and agreement. Unless specific critical issues arise as a result of this final review (requiring a further meeting) it is proposed that the Registry Version 2 approval is made by E-Mail.

Registry Version 2 will then be forwarded to the UDG and Programme Management Team for agreement.

### **(3) Notification and Approvals Process**

To make sense of releasing a new registry then an agreed Notification and Approvals process needs to be agreed to allow for further additions and modifications to the Registry to be made in a controlled way.

It is anticipated that this requirement will be driven and addressed by the UDG and Programme Management Team

### **(4) Post Registry Version 2 Release Issues to be addressed**

It was agreed that the following items will be addressed after the release of Registry Version 2 through implementation of the (to be agreed) UDG Notification and Approval procedure.

- (1) Bus Objects (Bus Services Data Object, Public Services Departure Data Object, Bus Location Object) will be replaced with the RTIG Version 2.0 Data Object derived from the RTIG Version 2.0 Standard (currently being defined in XML) – see Item (2) – as an interim it is recommended that the RTIG Standard Version 1.0 should be adopted
- (2) RTIG Data Object – Champion = THales (SC)
- (3) User Permissions Object – Champion = Tenet (BM)
- (4) Scheduled Command Object – Champion = Tenet (BM)
- (5) Calendar Data Object – Champion = Thales (SC)