

031127A-USF Technical Working Group - Data Objects Meeting 3

10.00-10.30	Arrive & Coffee
10.30-10.45	Update on discussions with UDG
10.45-11.00	Assess Data Object Review progress to date
11.00-12.30	Assess level of agreement / approval for those Revised Data Objects that have been proposed + resolve if possible any outstanding issues relating to these specific data objects
12.30-13.00	Assess and plan completion of outstanding Data Objects
13.00	Lunch prior to USF Management Meeting at 2.00pm (to keep costs to individual companies to a minimum lunch will not be provided so please be prepared to find a sandwich bar - thanks)

Update on discussions with UDG

We need to be careful that the “principles” that we have developed and are now working to are adhered to by future data objects additions if the UDG manage the Registry

Revised Data Objects

Reference System

It is agreed that the Location Reference is now defined in the Network Structures and therefore ALL data objects will have the “ReferenceSystem” field removed

Type Ids (see several references below)

All to consider if these fields should be mandatory – feedback to Janet **A: JA / All**

If reply is “Yes” then all Data Object Champions need to ensure that this is implemented in all Data Objects **A: Data Object Champions**

Traffic Signal Data Objects

TypeID added with the following pre-defined TypeIDs added to the Traffic Signal Support Object–

- 1 = Intersection
- 2 = Pelican
- 3 = Puffin
- 4 = Toucan
- 5 = Pegasus
- 6 = Tram Crossing
- 7 = Wig Wag
- 999 = Other (see below)

It is essential that if a supplier wishes to add to this list it must be with the approval of the Data Objects Registry Manager

TypeID 999 is used for those occasions when a formal TypeID has been requested but has not yet been incorporated into the Data Objects Registry

Janet to send Gary the final version for submission to the controlled Data Objects Registry

Version 2 file. **A: JA**

Air Quality Data Object

Question raised why has the measurement units moved from the Configuration Table to the Definition Table when this makes the Definition Table for Air Quality non-standard **A: BM**

Changing the pollutant Data Type to "Real" will mean that a number of "live" databases will need to be reformatted from "Integer" to "Real" – however, the data is received from the MIB in "Real" format.

Brendan requested to confirm before a switch to "Real" is agreed (why is a decimal fraction needed when we are measuring in parts per million anyway ?). **A: BM**

In both the DYNAMIC and CONFIGURATION tables the "SystemCodeNumber" is missing – Brendan needs to put in (see JA E-Mail dated 25.11.2003) **A: BM**

In the Table / View Reference the references AIRQUALITY_DEF and AIRQUALITY_CONFIG need to be renamed AIRQUALITY_DEFINITION and AIRQUALITY_CONFIGURATION to be consistent **A: BM**

Air Quality Fault Types Object should be moved to become part of the Common Support Fault Types Support Object **A: BM**

Meteorological Objects

Meteorological Fault Type (Support) Object needs to be moved to the Common Fault Type Support Object **A: BM**

In the Table / View Reference the references METEOROLOGICAL_DEF needs to be renamed METEOROLOGICAL_DEFINITION to be consistent **A: BM**

Air Temperature is being proposed to be a "Real" value – is this really necessary due to need to reformatting data in several "live" databases – Brendan to confirm before change agreed **A: BM**

Agreed to move the Road Condition Type Support Object Into a single Support Object as separate tables **A: BM**

VMS Objects

Move the individual Support Objects into a single Support Object **A: BM**

Missing " _ " in VMS_CONFIGURATION **A: BM**

Confirm "Y" in ET columns match up to the appropriate Support Object Tables **A: BM**

Detector Objects

Add TypeID with an appropriate Support Object to define "Detector Types" **A: BM / JA**

Initial list proposed =

- 0 = SCOOT Loops
- 1 = Count 1 count bit
- 2 = Count 2 count bit
- 3 = Occupancy 1 count bit
- 4 = Occupancy 2 count bit

- 5 = RMS – this type needs to be discussed (supplier specific) **A: JA**
- 6 = Artemis – this type needs to be discussed (supplier specific) **A: JA**
- 7 = Congestion
- 8 = Count 1 assignable bit

Janet to co-ordinate the final Detector Type list – all to provide Janet with their additions **A: JA / All**

Occupancy is being proposed to be a “Real” value – is this really necessary due to need to reformatting data in several “live” databases – Brendan to confirm before change agreed **A: BM**

If we intend to switch to using “Real” values should “Speed” also be “Real” ? **A: BM**

The Enhanced Detector Data Object is no longer needed – the Detector Data Object will provide this data

Prediction and Profile Objects

Discussed but agreed to defer until Brendan available to discuss

Transport Objects

“TransportLinkType” within the data object should be renamed TypeID with its appropriate Support Object = Transport Link Support Object **A: JA**

Agreement needed as to which fields are required within the CONFIGURATION and DYNAMIC tables for SCOOT and ANPR links. Janet to circulate E-Mail requesting input **A: JA / ALL (replies to Janet)**

Need to introduce a Transport Route Type ID and associated Support Object **A: JA**

All to comment on Janet’s proposals issued in E-Mail dated 25.11.2003 – particularly the “ordered list” **A: JA / ALL**

Journey Time Object is no longer needed as this data will be provided by the Transport Route Data Object

CCTV and other Interface Issues

Need to change the “interface specification” to accommodate the transmission of binary CCTV data.

Proposal is to “lose” the SQL interface – or should we add a new interface (should not remove existing interfaces ?). SQL has problems as you have to understand the structure of the data that you are accessing.

Could CCTV be resolved by passing the “image” out of the data object and leave the transfer of the “binary” to “local arrangements” ? ... pass a reference (which could be a file name). This is agreed to be a pragmatic approach at this stage to avoid delay in getting the Data Objects Registry Version 2 released. Stephen will progress this approach and document. **A: SC**

Session management needs addressing. Key players are the CDB suppliers – Siemens, Tenet and Motts + Peek. Consider views for initial proposal at the next meeting. **A: MB/JA/JM/BM/GU/JD/IC/BR**

Way Forward to achieve completion

Target completion date = mid-February 2004

Continue by E-Mail with review meeting to be held on – 15.01.2004 in London – Gary to book room **A: GU**