

## UMSUG paper – Changes to the Valid Combinations table in the Operational Information Document (OID)

### 1. Purpose

This document is proposing some changes to the Valid Combinations tables at 7.6 of the OID and the OID index associations. These proposed changes arise from operational experience in carrying out an MA service and from discussions with UMSOs and customers.

### 2. Changes Proposed

#### 2.1. **OID Index**

The two valid combination tables are listed in the index to the OID. The first table which is the valid combinations of equipment charge codes and switch regimes appears as 7.6, whilst the second table, the valid combinations of control charge codes and switch regimes has no reference. It is proposed that a new heading is introduced simply saying “Valid Combinations of Charge Codes and Switch Regimes” as 7.6. There can then be two sub-headings as follows;

7.6.1 Valid Combinations of Equipment Charge Codes and Switch Regimes

7.6.2 Valid Combinations of Control Charge Codes and Switch Regimes

#### 2.2. **Switch Regimes 040 – 059**

This range of Switch Regimes is for exclusive use by Highways England with Highway Message and Indicator Signs in the range of Charge Codes prefixed “61”. There is a note (8) to that effect in the table against the switch regime range. However the column headed Traffic Equipment (Dimming) is marked “Yes” for this range, when it should be “No”. It is also proposed that note “8” is clarified so that it reads;

“Only valid with Highway Message and Indicator Sign Charge Codes prefixed “61”.

In addition in the column headed Traffic Equipment (Dimming) note “7” says prefix “7960” is only valid with switch regimes 040 – 059. Prefix “7960” is for dimming Pedestrian Countdown Signals and is therefore valid with the same switch regimes as all other dimming Traffic Signals. Note “7” should be deleted.

#### 2.3. **CMS small scale trials**

Note “11” clarifies the No/Yes entry concerning the validity of CMS control devices with switch regimes other than the CMS range of switch regimes. No/Yes is entered to allow the UMSO to agree that a customer can implement a CMS trial without entering a full scale CMS operation. It is proposed that the note should clarify that this is the UMSO’s decision and it is proposed that note “11” should read;

“Where “No/Yes” is shown, ‘Yes’ is only applicable where the UMSO has agreed to a small scale CMS trial and has made temporary inventory amendments.”

#### 2.4. **Miscellaneous equipment**

The circuit watts for miscellaneous equipment are always set at the annual average watts being consumed by the equipment over a 24 hour period and should therefore only be valid with continuous switch regimes. There are some legacy miscellaneous charge codes with dimming values, and these are allowed for in a specific column within the table showing that they are valid with other switch regimes.

It is proposed that in the column headed “Miscellaneous (Non Dimming)” the only “Yes” entries should be against switch regime 001 and the CMS switch regimes. Switch regime 990 for EV charging already carries a note to say it is only valid with the EV charging charge code. A separate note needs adding in the switch regime 998 & 999 row to say that miscellaneous charge codes are only valid with the continuous switch regime 998 as follows;

“Miscellaneous (Non Dimming) equipment is only valid with switch regime 998.”

### **3. Recommendation**

The UMSUG is invited to:

Review the suggested proposals,

Include in the next update of the OID.

**Nigel Birchley**

08 December 2020