1.1 60-SECOND DATA

The 60-second VDS data file contains the following information:

1) VDS Status: 1 = “OK” or 0 = “Malfunction” (OK if minumum a 20-sec raw VDS data has been collected);

2) Occupancy in %;

3) TrafficFlow in veh/hour;

4) Speed in Km/h;

5) DateTime in format YYYY-MM-DDTHH:MM:SS (24 hour clock, local time). This refers to the time at the end of the 1-minute collection period. For example, data collected from midnight to 1 minute after midnight will have the timestamp of “…T00:01:00”.

6) VDS ID;

1-minute averages are created from the 20-second data. Data is used only is the VDS device is in “OK” fault state (i.e. its associated TMU is in OK fault mode). If there are one or more periods of good data in the average, the status of the average is “OK”.

The following is a small sample of the 1-minute VDS data record:

```
<?xml version="1.0"?>
<oneMinuteData>
        <vdsData status="1" occupancy="3" trafficFlow="360" speed="0" timestamp="2016-
        09-08T15:41:00" unitID="3135"/>
        <vdsData status="1" occupancy="3" trafficFlow="1440" speed="98"
        timestamp="2016-09-08T15:41:00" unitID="3134"/>
        <vdsData status="1" occupancy="4" trafficFlow="1440" speed="94"
        timestamp="2016-09-08T15:41:00" unitID="3133"/>
</oneMinuteData>
```

1.2 60-SECOND FILE NAME

The filename format is 1MinuteVdsData_YYYY-MM-DD_HH-MM.xml.

For example: 1MinuteVdsData_2009-07-24_15-12.xml

Note:

1) Hours (HH) is a value from 0 to 23;

2) There is no SS (seconds) element in the filename;

3) The timestamp refers to the end of the period collected. For example, data collected from midnight to 1 minute after midnight will have the timestamp of "…_00-01";

4) All fields include leading 0's if needed.