

## Plugfest Questionnaire for Device and Test Equipment Providers

**Date:**  
**Contact:**  
**Manufacturer Name:**  
**Model Number:**

**Email:**  
**Location:**  
**Software Version:**

<b>1</b>	What is the <b>device type</b> ?	<input type="checkbox"/> OBU	<input type="checkbox"/> RSU	<input type="checkbox"/> Test Tool	Other _____
<b>2</b>	How many <b>physical radios and modes</b> ?	<input type="checkbox"/> One	<input type="checkbox"/> Two	<input type="checkbox"/> Continuous	<input type="checkbox"/> Alternating
<b>3</b>	What are the <b>external communication</b> interfaces?	<input type="checkbox"/> Wired USB	<input type="checkbox"/> Wired Ethernet	<input type="checkbox"/> Bluetooth	<input type="checkbox"/> WiFi / <input type="checkbox"/> 4G LTE
<b>4</b>	What are the <b>antenna port</b> interfaces?	<input type="checkbox"/> GPS-DSRC Integrated	GPS - <input type="checkbox"/> Fakra <input type="checkbox"/> SMA <input type="checkbox"/> N-Type	<input type="checkbox"/> DSRC - Fakra	DSRC - <input type="checkbox"/> SMA <input type="checkbox"/> N-Type
<b>5</b>	If <b>OBU</b> , <b>implementation</b> type is?	<input type="checkbox"/> Embedded	<input type="checkbox"/> Aftermarket	<input type="checkbox"/> OEM Add-on	<input type="checkbox"/> CAN I/F
<b>6</b>	If <b>RSU</b> , <b>installation</b> type is?	<input type="checkbox"/> Networked	<input type="checkbox"/> Standalone	<input type="checkbox"/> Master/Client	<input type="checkbox"/> Other _____
<b>7</b>	Does device support WAVE Short Messages ( <b>WSM</b> )?	<input type="checkbox"/> Transmit	<input type="checkbox"/> Receive	<input type="checkbox"/> Both	
<b>8</b>	Does device support WAVE Service Advertisement ( <b>WSA</b> ) Messages?	<input type="checkbox"/> Transmit	<input type="checkbox"/> Receive	<input type="checkbox"/> Both	
<b>9</b>	Does device support <b>IPv6</b> from <b>WSA/WRA</b> ?	<input type="checkbox"/> Transmit	<input type="checkbox"/> Receive	<input type="checkbox"/> Both	
<b>10</b>	Does device use <b>1609.2 security headers</b> for message types?	<input type="checkbox"/> Unsecured	<input type="checkbox"/> Signed	<input type="checkbox"/> Encrypted	
<b>11</b>	Which <b>Security Certificates</b> will the device use during testing?	<input type="checkbox"/> Plugfest	<input type="checkbox"/> CAMP QA	<input type="checkbox"/> USDOT Production	<input type="checkbox"/> SSPs
<b>12</b>	Does device Interfaces with <b>SCMS</b> to obtain or refresh <b>Security Credentials</b> ?	<input type="checkbox"/> CAMP	<input type="checkbox"/> Green Hills	<input type="checkbox"/> None	
<b>13</b>	Device Supports <b>Test Control Interface (TCI)</b> Standard?	<input type="checkbox"/> 802.11	<input type="checkbox"/> 1609	<input type="checkbox"/> J2945/1	<input type="checkbox"/> None
	<b>Message Types</b>				
<b>13</b>	Does device support <b>BSM</b> messages defined in <b>SAE J2735</b> ?	<input type="checkbox"/> Transmit	<input type="checkbox"/> Receive	<input type="checkbox"/> Both	
<b>14</b>	Does device support <b>BSM</b> requirement defined in <b>SAE J2945/1</b> ?	<input type="checkbox"/> Transmit	<input type="checkbox"/> Receive	<input type="checkbox"/> Both	
<b>15</b>	Does device support <b>MAP</b> messages defined in <b>SAE J2735</b> ?	<input type="checkbox"/> Transmit	<input type="checkbox"/> Receive	<input type="checkbox"/> Both	
<b>16</b>	Does device support <b>RTCM</b> messages defined in <b>SAE J2735</b> ?	<input type="checkbox"/> Transmit	<input type="checkbox"/> Receive	<input type="checkbox"/> Both	
<b>17</b>	Does device support <b>SPaT</b> messages defined in <b>SAE J2735</b> ?	<input type="checkbox"/> Transmit	<input type="checkbox"/> Receive	<input type="checkbox"/> Both	
<b>18</b>	Does device support <b>TIM</b> messages defined in <b>SAE J2735</b> ?	<input type="checkbox"/> Transmit	<input type="checkbox"/> Receive	<input type="checkbox"/> Both	
	<b>Standards</b>				
<b>19</b>	Device supports IEEE <b>802.11:2012 (802.11p)</b> ?	<input type="checkbox"/> 10 MHz CHs	<input type="checkbox"/> 20 MHz CHs	<input type="checkbox"/> Data Rates (all)	<input type="checkbox"/> Power Max ___ dBm
<b>20</b>	Device supports IEEE <b>802.11:2012 (802.11p)</b> regarding <b>Frequency Mask</b> ?	<input type="checkbox"/> Mask C (required)	<input type="checkbox"/> Mask A	<input type="checkbox"/> Mask B	<input type="checkbox"/> Mask D
<b>21</b>	Device supports IEEE <b>1609.2:2016</b> WSM message signatures?	<input type="checkbox"/> Certificate	<input type="checkbox"/> Digest	<input type="checkbox"/> Both	
<b>22</b>	Device supports IEEE <b>1609.2:2016</b> Security Profiles?	<input type="checkbox"/> BSM	<input type="checkbox"/> WSA <input type="checkbox"/> MAP/SPaT	<input type="checkbox"/> RTCM <input type="checkbox"/> TIM	<input type="checkbox"/> Other _____
<b>23</b>	Device Supports IEEE <b>1609.3:2016</b> ?	<input type="checkbox"/> WSM	<input type="checkbox"/> WSA	<input type="checkbox"/> IPv6	<input type="checkbox"/> All
<b>24</b>	Device Supports IEEE <b>1609.4:2016</b> ?	<input type="checkbox"/> Continuous	<input type="checkbox"/> Alternating	<input type="checkbox"/> User Priorities	<input type="checkbox"/> EDCA
<b>25</b>	Device Supports IEEE <b>1609.12:2016</b> ?	<input type="checkbox"/> PSID Sizes (1-2)	<input type="checkbox"/> PSID Sizes (3-4)	<input type="checkbox"/> p-encoding	
<b>26</b>	Device Supports SAE <b>J2735:2016</b> ?	<input type="checkbox"/> BSM	<input type="checkbox"/> MAP / SPaT	<input type="checkbox"/> RTCM <input type="checkbox"/> TIM	<input type="checkbox"/> Other _____
<b>27</b>	Device Supports SAE <b>J2945/1:201603</b> ?	<input type="checkbox"/> BSM	<input type="checkbox"/> MAP / SPaT	<input type="checkbox"/> RTCM <input type="checkbox"/> TIM	<input type="checkbox"/> Other _____
<b>28</b>	Device Supports RSU <b>4.1v5</b> Specification	<input type="checkbox"/> Store & Forward	<input type="checkbox"/> Immediate Forward	<input type="checkbox"/> SNMP Management	<input type="checkbox"/> HSM Security

Please return questionnaire by October 9 to: **Randy Roebuck** [rdroebuck@omniair.org](mailto:rdroebuck@omniair.org)