Aftermarket Safety Device Specification Overview

Bidder’s Conference
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USDOT/RITA/ITS Joint Program Office
Agenda

- New items included in this solicitation
  - Two radios
  - Standard vehicle interface
- Requirements
  - Appendix C – System Requirement Description “5.9GHz DSRC Aftermarket Safety” Device Specification (Preliminary)
- Specification Updates
Block Diagram
Operating Modes

Key
H  -- Halt
NP -- No Power
Q  -- Quiet
R  -- Run
S  -- Start
## Vehicle Interface

### Micro HVT USCAR 10-Pin Connectors

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<th>Male In-Line Connection</th>
<th>Female Connection</th>
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As of 10JA11

Delphi Connection Systems

S. Felix

Ref: SRD-USDOTASD-001-Reql NT004v001 Vehicle Power Connection, Page 21
Requirements

- System
  - 4.1 Mechanical
  - 4.2 Performance
  - 4.3 Environmental

- Functional
  - 5.1 Interface
  - 5.2 Operations, Management, and Control
  - 5.3 DSRC Radio Subsystem
  - 5.4 Other Communication
  - 5.5 Message Processing

- Test
  - Radio Transmission
  - Vehicle Location