

## APPENDIX C – RECOMMENDED PRIMARY IDENTIFIERS

Entity	Identifier Name	Identifier Segments	Number of Characters
Motor Carrier	Primary Carrier ID for <b>interstate</b> carrier:  e.g.,  12345 A001 (note that '12345' must be the carrier's USDOT # ; the terminal ID 'A001' is optional)	Carrier-Specific Identifier (alphanumeric); must be USDOT number +  Carrier Terminal ID designated by carrier (alphanumeric) (optional) +  CVO Company Type	12 (max)  4 (max)  TBD
	Primary Carrier ID for <b>intrastate</b> carrier:  e.g.,  US CA 123A45689 1234 (note that the terminal ID '1234' is optional)	Country Code (alpha); allowable codes from ISO 3166-1, country codes (English) +  Jurisdiction (state or province) Code (alphanumeric); <b>the allowable codes will be defined in the FHWA Code Directory +</b>  Carrier-Specific Identifier; if carrier is intrastate and has a USDOT number, must be USDOT number; for state-specific IDs, the Carrier-Specific Identifier may include a prefix to clarify the agency/source of the identifier) +  Carrier Terminal ID designated by carrier (alphanumeric) (optional)  CVO Company Type	2  2  12 (max)  4 (max)  TBD
	For all carriers: Federal Taxpayer Identification Number e.g., E 123456789  Note: Open issue regarding Mexican and Canadian carriers	Type (alphanumeric); S for Social Security Number, E for Employer Identification Number +  Tax ID Number (alphanumeric)	1  9

Entity	Identifier Name	Identifier Segments	Number of Characters
Driver	Driver Unique ID  e.g., US MD B99999999999A	Country code (alpha); allowable codes from ISO 3166-1, country codes (English) +	2
		Jurisdiction (state or province) code (alphanumeric); the allowable subdivision codes will be defined in the FHWA Code Directory +	2
		Driver specific identifier (driver license number) assigned by jurisdiction (alphanumeric)	16 (max)
Vehicle	Vehicle Identification Number  e.g., 1FDKE30F8SHB33184  <b>and</b>	VIN assigned by manufacturer (alphanumeric)	30 (max)
	Vehicle Plate ID e.g., US CA 12345664820M	Country code (alpha); allowable codes from ISO 3166-1, country codes (English) +  Jurisdiction (state or province) code (alphanumeric); the allowable codes will be defined in the FHWA Code Directory +  License plate ID (alphanumeric)	2  2  12 (max)
Container	Container Unique ID  e.g., SUDU3070079	Suggested as a candidate: Container marked on side (in accordance with ISO 6346) (alphanumeric)	11 (suggested)
Shipment	Shipment Unique ID  e.g., 123456789776655443322	Shipper ID. DUNS number suggested as a candidate (alphanumeric) +	9 (suggested)
		Bill of Lading number assigned by the shipper identified above (numeric)	12 (max)
Transponder	Transponder ID  e.g., 0 123456789  or 1 9999 232323	Transponder ID Definition Flag (0=current; 1=IEEE 1455-1999) +	1 (1 bit)
		<i>If Transponder ID Definition Flag = current</i> , then the other segment is: Transponder Serial Number assigned by manufacturer  <i>If Transponder ID Definition Flag =</i>	8  (32-bit hexadecimal value)  4

Entity	Identifier Name	Identifier Segments	Number of Characters
		<i>IEEE 1455-1999</i> , then the other segments are: Manufacturer Identifier +  Transponder Serial Number assigned by manufacturer	(16 bits hexadecimal value)  5 (20 bits hexadecimal value)