

## Summary of Open/Recent Architecture CRs 2005-03-02

**CR Number:** 3094

**External Reference:** SAFER CR 164

**Category:** SAFER XML, EDI

**Component:** SAFER/CVIEW

**Synopsis:** Add a check constraint to SAFER for the value of IRP\_weight\_carried

**Status:** Closed Disapproved

**Disposition:** [2005-03-01] Disapproved; incorporated into CR 3013.

**Entered On:** 2/14/2005 3:46:44 PM

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**CR Number:** 3041

**External Reference:** SAFER CR 149

**Category:** SAFER XML

**Component:** SAFER/CVIEW

**Synopsis:** Business rule check for T0024.

Summary: Ensure that the Safety USDOT number in the vehicle registration table matches the carrier ID in the carrier authorization table.

**Status:** Closed Disapproved

**Disposition:** [2004-12-16] Closed - not an architecture CR

**Entered On:** 11/16/2004 7:25:53 AM

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**CR Number:** 3040

**External Reference:** SAFER CR 152

**Category:** SAFER carrier snapshot

**Component:** SAFER/MCMIS

**Synopsis:** Add carrier out-of-service data to the carrier snapshot

Summary: New data elements related to OOS are available in MCMIS and could be added to the carrier snapshot T0031. It is not known whether CVISN stakeholders would like to receive this data via the snapshot.

Action: States are requested to comment as to whether the T0031 should be versioned to include OOS data.

Recommended for FMCSA approval as a versioned T0031.

**Status:** Recommended

**Disposition:** [2004-12-16] Recommended for FMCSA approval as a versioned T0031.

**Entered On:** 11/16/2004 7:21:43 AM

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**CR Number:** 3039

**External Reference:** SAFER CR 144

**Category:** SAFER ELQ

**Component:** SAFER/MCMIS, CVIEW, PIQ

**Synopsis:** Modify SAFER to accept New Entrant Code from MCMIS

Summary: A new data element "New Entrant Code" is available in MCMIS and could be added to the carrier snapshot T0031. It is not known whether CVISN stakeholders would like to receive this data element via the snapshot.

Action: States are requested to comment as to whether the T0031 should be versioned to include the New Entrant Code.

Recommended for FMCSA approval as a versioned T0031.

**Status:** Recommended

**Disposition:** [2004-12-16] Recommended for FMCSA approval as a versioned T0031.

**Entered On:** 11/16/2004 7:18:12 AM

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**CR Number:** 3013

**External Reference:** SAFER CR 139, SAFER CR 164

**Category:** SAFER XML, SAFER ICD

**Component:** SAFER/CVIEW

**Synopsis:** Standardization of data values in XML input transactions.

Summary: Data elements input to SAFER must be standardized to ensure data quality and integrity.

Proposal: Volpe will draft SAFER data requirements and distribute to stakeholder for review and discussion.

**Status:** Recommended

**Disposition:** [2004-11-22] Recommended for FMCSA approval. Volpe will report on analysis results.

**Entered On:** 10/18/2004 2:19:57 PM

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**CR Number:** 3012

**External Reference:** SAFER CR 119

**Category:** Inspection reports

**Component:** SAFER

**Synopsis:** Expand the inspection report storage in SAFER to 180 days

**Status:** Closed Approved

**Disposition:** [2004-10-25] Closed; incorporated into SAFER release 4.6

**Entered On:** 10/18/2004 8:11:12 AM

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**CR Number:** 3011

**External Reference:** SAFER CR 112

**Category:** SAFER ELQ service

**Component:** SAFER

**Synopsis:** Add third possible value "U" to post crash field  
**Status:** New  
**Disposition:** [2004-10-18] Incorporated in SAFER release 4.6  
**Entered On:** 10/18/2004 8:09:44 AM

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**CR Number:** 2954

**External Reference:** SAFER CR 131; ARC CR 2728; SAFER CR 138

**Category:** Mandatory Data Elements for T0022 and T0028

**Component:** CVISN Architecture and Standards

**Synopsis:** Volpe is reviewing the mandatory data elements in T0022 to see if there is a need to change some of the optional fields to mandatory so they provide meaningful information to the states.

Summary: The vehicle registration data currently in SAFER comes from three kinds of input: PRISM PVF file, CVISN EDI input, and XML T0022 transaction. Although the processing logic of XML, EDI and PVF data files are similar, the required data elements are different. Some of the mandatory fields are commonly required by all three data submissions, and others are only mandatory for one source but not for the other sources.

Proposal: Data elements in XML T0022 transaction will be made mandatory, conditional mandatory, or optional as indicated in the attached table.

**Status:** Recommended

**Disposition:** [2004-11-22] Recommended for FMCSA approval.

**Entered On:** 9/16/2004 12:17:51 PM

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**CR Number:** 2936

**External Reference:** SAFER CR pending

**Category:** New data element needed

**Component:** CVISN Architecture and Standards

**Synopsis:** A source, other than the authoritative source, may submit e-screening enrollment data to SAFER. States requested a data element to track the source of the transponder data.

Summary: Any state can update e-screening information (XML T0024). States do not object to an unauthorized state submitting transponder information for another state, as long as the vehicle registration data is not affected.

Proposal: Add a data element to track the source of the transponder data.

**Status:** Recommended

**Disposition:** [2004-10-25] Recommended for FMCSA approval.

**Entered On:** 8/23/2004 12:22:08 PM

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**CR Number:** 2935

**External Reference:** SAFER CR 130

**Category:** SAFER XML interface

**Component:** CVISN Architecture and Standards

**Synopsis:** Expand scope of capability to delete a record

Summary: This CR requests that the delete capability (reference CR 2563) be expanded to include additional transactions.

Proposal: The XML delete transactions will be implemented in accordance with the requirements expressed in this CR.

**Status:** Recommended

**Disposition:** [2004-10-25] Recommended for FMCSA approval.

**Entered On:** 8/23/2004 11:01:21 AM

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**CR Number:** 2933

**External Reference:** SAFER CR 124

**Category:** Changes to SAFER-CVIEW interface for REVIEW\_REASON\_NOT\_RATED

**Component:** SAFER/MCMIS, SAFER/CVIEW

**Synopsis:** New values for REVIEW\_REASON\_NOT\_RATED are in the carrier data received by SAFER from MCMIS.

Summary: Since the FMCSA-sponsored CVIEW will not accept the new values, Volpe has implemented a workaround to change the values.

Proposal:

The CVISN states change their CVIEW to accept the new values so that the data in their CVIEW databases will be consistent with the data displayed on the SAFER web site. A schema change will be required; the transaction T0031 will be versioned to T0031V2 and will be available in the January 2005 release of SAFER.

**Status:** Recommended

**Disposition:** [2004-10-25] Recommended for FMCSA approval.

**Entered On:** 8/23/2004 8:00:31 AM

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**CR Number:** 2805

**External Reference:** SAFER CR 105; WI-Tania Rossouw 608.267.2400

**Category:** SAFER Web services

**Component:** SAFER

**Synopsis:** Add T0032 (Licensing and Insurance Output Transaction) to the SAFER Web services capabilities.

Summary: Implementation of a web service capability is in beta testing for several XML transactions. This capability is expected to be available in SAFER 4.6 due to be released in September, 2004.

Proposal: Add T0032 to the SAFER Web services capabilities.

**Status:** Recommended

**Disposition:** [2004-08-19] Recommended for FMCSA approval.

**Entered On:** 7/14/2004 2:16:46 PM

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**CR Number:** 2798

**External Reference:** DJ Waddell - MD - 240-228-5878

**Category:** Business rules/process to clarify data source

**Component:** SAFER/CVIEW

**Synopsis:** Synopsis: Data integrity issues are resulting from a source, other than the authoritative source, submitting vehicle registration data to SAFER.

Summary: A source other than the authoritative source can submit vehicle registration data to SAFER. If the authoritative source later updates the information, the data already in SAFER may be overwritten. Business rules/process need to be established (a) to clarify the source of data and (b) to coordinate data entry/update by authoritative source and authorized but not 'authoritative' source.

Proposal: The proposal consists of several clauses.

1. A state (in most cases, a "non-participating" state) may authorize another state to send vehicle registration data to SAFER on its behalf; this must be documented by letter/email. Letter/email will also be required to withdraw the authorization.
2. A new table in SAFER will be created to keep track of which states are authorized to send vehicle registration data to SAFER for any given state. The default would be that only the IRP base state would be authorized to send vehicle registration data to SAFER.
3. Volpe will consider whether the new table is also the appropriate place to store contact information.
4. If a state that is not authorized according to the process attempts to send vehicle registration data (XML T0020, T0021, or T0022) for another state to SAFER, the XML transactions will be rejected and the IRP base state will be notified that an unauthorized state has attempted to send vehicle registration data on its behalf.
5. The REGISTRATION\_START\_DATE will be a mandatory field and REGISTRATION\_EXPIRE\_DATE will be a conditionally mandatory field in the vehicle registration data.
6. The table will be posted in some form on the CVISN website.

**Status:** Recommended

**Disposition:** [2004-09-27] Recommended for FMCSA approval. Will be posted to CVISN System Architects list serv for review.

**Entered On:** 7/12/2004 8:59:22 AM

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**CR Number:** 2728

**External Reference:** WA Bill Goforth - GofortB@wadot.wa.gov; Volpe CR 131

**Category:** T0022 processing rules

**Component:** CVISN Architecture and Standards

**Synopsis:** LAST\_UPDATE\_DATE and REGISTRATION\_EXPIRE\_DATE are not enough to determine the current base state for a vehicle.

**Status:** Closed Disapproved

**Disposition:** [2004-09-27] Closed - superceded by CR 2954.

**Entered On:** 6/29/2004 6:07:19 AM

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**CR Number:** 2664

**External Reference:** Volpe CR 110

**Category:** SAFER database

**Component:** SAFER

**Synopsis:** Archive inactive carrier and vehicle records

**Status:** Closed Deferred

**Disposition:** [2004-06-17] Closed - turned over to Volpe as SAFER CR.

**Entered On:** 6/3/2004 3:58:56 PM

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**CR Number:** 2637

**External Reference:** Terri Ungerman (LA)

**Category:** SAFER XML

**Component:** SAFER/PRISM/CVIEW

**Synopsis:** SAFER XML doesn't contain new elements of updated MCS150 form.

**Status:** Open

**Disposition:** [2004-06-17] Open pending further discussion.

**Entered On:** 5/19/2004 3:15:21 PM

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**CR Number:** 2578

**External Reference:** Volpe CR 29



**Category:** SAFER XML\_in, SAFER ICD, SAFER SCIP  
**Component:** SAFER/PRISM  
**Synopsis:** Develop an XML input transaction for PRISM states to submit vehicle registration information to SAFER.  
**Status:** Open  
**Disposition:** [2004-06-17] Open pending further analysis.  
**Entered On:** 4/7/2004 8:21:04 AM

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**CR Number:** 2563  
**External Reference:** Volpe CR 51  
**Category:** SAFER XML interface  
**Component:** CVISN Architecture and Standards  
**Synopsis:** Add capability to delete a record  
**Summary:** This CR requests that an XML Delete transaction be implemented. Currently, the state must call Volpe and ask them to manually delete a record.  
**Proposal:** The XML delete transaction will be implemented in accordance with the requirements expressed in this CR.  
**Status:** Recommended  
**Disposition:** [2004-07-19] Recommended for FMCSA approval.  
**Entered On:** 3/25/2004 9:39:26 AM

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**CR Number:** 2562  
**External Reference:** SAFER CR # 50  
**Category:** XML, EDI, ICD  
**Component:** CVISN Architecture and Standards  
**Synopsis:** Request to review SAFER business rule regarding multiple VINs

**Status:** Open  
**Disposition:** [2005-03-01] Open pending further comment and analysis.  
**Entered On:** 3/23/2004 10:13:12 AM

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**CR Number:** 2555  
**External Reference:** WA Bill Goforth GofortB@wsdot.wa.gov - SAFER CR 108  
**Category:** Change to file size limit  
**Component:** CVISN Architecture and Standards  
**Synopsis:** The maximum transaction size should be reduced from 5,000 records to 2,000 records for the T0028 IRP Registration (Cab Card) Output Transaction and the T0031 MCMIS Safety and Census Output Transaction.  
**Status:** Recommended  
**Disposition:** [2004-03-18] Recommended at ACCB meeting. for future SAFER release.  
**Entered On:** 3/19/2004 11:44:28 AM

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**CR Number:** 2443  
**External Reference:** SAFER CR 11 and CR 12  
**Category:** Changes to SAFER-CVIEW interface to handle REVIEW\_TYPE  
**Component:** CVISN Architecture and Standards  
**Synopsis:** Two new values for CARRIER\_REVIEW\_TYPE are in the carrier data received by SAFER from MCMIS.  
  
Summary: Since the FMCSA-sponsored CVIEW will not accept the new values, Volpe has implemented a workaround to change the values or not send records that would be rejected.  
  
Proposal:  
The CVISN states change their CVIEW to accept the new review type values so that the data in their CVIEW databases will be consistent with the data displayed on the SAFER web site. A schema change will be required; the transaction T0031 will be versioned.

**Status:** Recommended  
**Disposition:** [2004-08-19] Recommended for FMCSA approval.  
**Entered On:** 12/18/2003 4:49:16 PM

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**CR Number:** 2412

**External Reference:** Tania Rossouw, Wisconsin; SAFER CR 10

**Category:** SAFER XML in, SAFER XML out service, ICD

**Component:** CVISN Architecture and Standards

**Synopsis:** Request for XML subscription capability

Summary: This CR requests that a subscription capability, similar to that used for the EDI interface, be made available for the XML interface.

Proposal: The XML subscription capability will be implemented in accordance with the requirements expressed in this CR.

**Status:** Recommended

**Disposition:** [2004-07-19] Recommended for FMCSA approval.

**Entered On:** 10/14/2003 11:53:58 AM

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**CR Number:** 733

**External Reference:** Tania Rossouw, WI - VOLPE CR 16

**Category:** Need for permit snapshots

**Component:** CVISN Architecture and Standards

**Synopsis:** Since SAFER was originally developed in contained a capability to process carrier and vehicle permit data in an "assumed" form and data content. To this date, no organization or application has ever sent permit data - of any kind - to SAFER. We do not know if the original software and EDI design is correct or at all useful. At this point in time SAFER is not aware of any intention of any organization or application to send either carrier or vehicle permit data to SAFER. Unless a specific source of carrier or vehicle permit data can be identified, SAFER requests that the requirement for carrier and vehicle permit data processing be deleted.

**Status:** Recommended  
**Disposition:** [2002-10-18 ncm] Recommended for FMCSA approval. Open pending inclusion in future version of SAFER.  
**Entered On:** 9/18/2002 8:34:57 AM

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**CR Number:** 732

**External Reference:** VOLPE CR 15

**Category:** Requirement for OOS information for escreening

**Component:** CVISN Architecture and Standards

**Synopsis:** Is there a requirement for carrier Out of Service information at the roadside when screening vehicles ? If so, which roadside applications require it, what frequency should it be provided, and in what form.

**Status:** Recommended

**Disposition:** [2002-10-18 ncm] Recommended for FMCSA approval. Open pending inclusion in future version of SAFER.

**Entered On:** 9/18/2002 8:29:29 AM

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**CR Number:** 66

**External Reference:** CR 1082

**Category:** Diesel Emissions Data in Inspection Reports and Snapshots

**Component:** Snapshots

**Synopsis:** A group of states is seeking to include diesel emissions data in inspection reports and flags in snapshots for interstate enforcement of environmental regulations. Corresponding CRFs should be issued for changes to ASPEN and/or other inspection support systems. The original emails from Massachusetts and New Jersey are in the folder \PVO\Config Mgmt\CRF Database\CRFs\Attachments\CRF\_1082. Also in that folder are two presentations made originally at the Eastern States CVISN Design Workshop that spell out the proposal.

submitted by DJ Waddell 6/9/2000

**Status:** Open

**Disposition:** Open pending more information from states.

**Entered On:** 12/17/2001 2:30:27 PM

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**Total:** 25