



DRS Defect Report – Inbound 322

DRS Defect Report from Trading partner to Chassis.Com – IB 322
Implementation Guide Prepared by Advent Inc for OCEMA

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Revision History

Version	Date	Description	Author
1.0	11/19/2009	Draft Version	Parvez Mansuri
1.2	12/07/2009	Driver License distribution is prohibited	Vikas Gupta
1.2	12/07/2009	With all 9 defects on chassis Max count of N9 violation	Vikas Gupta
1.3	12/16/2009	GS04 Min/Max = 8/8	Libby Lennox
1.4	05/10/2010	Updated N9 segment and reordered defect codes, updated K1 segment requirement	Zee Khan
1.5	05/19/2010	Updated ISA14 to request FA 997	Zee Khan
1.6	06/02/2010	Updated N1 segment requirement for Motor Carrier SCAC	Zee Khan

DRS Defect Report Introduction

Purpose & Scope:

This document contains the format and establishes the data contents of the OCEMA-IANA DRS Defect Report Transaction Set (322) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set provides all the information necessary for a trading partner to send a Chassis Defect Report(s) to the OCEMA Chassis.com application.

Key Data Elements:

#	Data Element	Element	Example
01	Date/Time of Gate Transaction	Q5-02,03,04	20090925*0112*ET
02	Chassis ID Number	N7-01,02	ABCZ*544037
	Chassis IEP SCAC Code (Optional)	N7-12	ABCU
03	Location of Interchange (Facility)	R4-01,02,03,04,08	R4*5*ZZ*0885401*LOS ANGELES****CA
04	Motor Carrier Name --See segment details section for more info	N1-01,02	MC*JOE'S TRUCKING COMPANY
	Motor Carrier SCAC Code --See segment details section for more info	N1-03,04	2*JTCI
05	Driver's Name and IDD Pin	N1-01,02,03,04	D1*JOE DRIVER*ZZ*25612895
06	Chassis IEP USDOT Number (Optional)	K1-01,02	IEPDOT*5555555
07	Motor Carrier USDOT Number (Optional)	K1-01,02	MCDOT*98765411
08	RCD Information – two digit codes assigned to each RCD 01 – 09, 00 will be utilized to designate no defects.	N9-01,02,03	
	01 – Brakes		X3*01*Brakes
	02 – Lights		X3*02*Lights
	03 – Wheel		X3*03*Wheel
	04 – Air Line		X3*04*Air Line
	05 – Coupling		X3*05*Coupling
	06 – Frame		X3*06*Frame
	07 – Bolster		X3*07*Bolster
	08 – Fastener		X3*08*Fastener
	09 – Slider		X3*09*Slider
	00 – No Defect		X3*00*No Defect

Transaction Set - Sample

```
ISA*00*      *00*      *ZZ* ABCTERM      *ZZ* CCOM *091215*1250*U*00401**0*T:<NL>
GS*SO*ABCTERM*CCOM*20091215*0820**X*004010<NL>
  ST*322*0001<NL>
  Q5*DT*20090925*0112*ET<NL>
  N7*ABCZ*544037*****CC*ABCU<NL>
  R4*5*ZZ*0885401*LOS ANGELES****CA <NL>
  N1*MC*JOE'S TRUCKING COMPANY*2*JTCL<NL>
  N1*D1*JOE DRIVER*ZZ*25612895<NL>
  K1*IEPDOT*5555555<NL>
  K1*MCDOT*987654<NL>
  N9*X3*02*Lights<NL>
  N9*X3*03*Wheel<NL>
  SE*11*0001<NL>
GE*1*1101<NL>
IEA*10*000000001<NL>
```

**Functional Acknowledgement 997 will be sent upon request. Request value "1" should be sent in ISA14 to request transaction acknowledgment.

** Request value "0" can be sent if requesting only functional acknowledgment 997.

For example;

```
ISA*00*      *00*      *ZZ* ABCTERM      *ZZ* CCOM *091215*1250*U*00401**1*T:<NL>
```

Transaction Set - Structure

Standard:	ANSI X12	ANSI Standards Group, ASC X12 Committee
Version:	004010	ANSI Version 4 Release 1 Sub-release 0 ASC X12
Func. Grp:	SO	
Document :	322	Terminal Operations And Intermodal Ramp Activity
No Of Seg:	0024	

Transaction Set - Segment Details

ISA Interchange Control Header						
Element	Field Description	Field	Field	Field	Field	
ID		Req	Ref	Type	Min/M ax	Description
ISA01	Authorization Information Qualifier	M	9901	ID	2/2	"00"
ISA02	Authorization Information	M	9902	AN	10/10	Spaces
ISA03	Security Information Qualifier	M	9903	ID	2/2	"00"
ISA04	Security Information	M	9904	AN	10/10	Spaces
ISA05	Interchange Id Qualifier	M	9905	ID	2/2	"ZZ"
ISA06	Interchange Sender Id	M	9906	AN	15/15	Sender Id
ISA07	Interchange Id Qualifier	O	9905	ID	2/2	"ZZ"
ISA08	Interchange Receiver Id	M	9908	AN	15/15	CCOM
ISA09	Date	M	0373	DT	6/6	YYMMDD
ISA10	Time	M	0337	TM	4/4	HHMM
ISA11	Interchange Control Standard Id Code	M	9916	ID	1/1	"U"
ISA12	Interchange Version	M	9911	AN	5/5	"00401"
ISA13	Interchange Control Number	M	9912	NO	9/9	
ISA14	Acknowledgement Requested	M	9913	ID	1/1	"1" - if TA Acknowledgment requested "0" - TA Acknowledgment not requested
ISA15	Test Indicator	M	9914	ID	1/1	"P" - Production "T" - Test
ISA16	Sub-element Separator	M	9915	AN	1/1	":"

ISA*00* *00* *ZZ* ABCTERM *ZZ* CCOM *091215*1250*U*00401**1*T:<NL>

GS Functional Group Header						
Element	Field Description	Field	Field	Field	Field	
ID		Req	Ref	Type	Min/M ax	Description
GS01	Functional Identifier Code	M	0479	ID	2/2	"SO"
GS02	Application Sender's Code	M	0142	AN	2/12	Sender Id
GS03	Application Receiver's Code	M	0124	AN	2/12	"CCOM"
GS04	Group Date	M	9829	DT	8/8	CCYYMMDD
GS05	Group Time	M	9830	TM	4/4	HHMM
GS06	Group Control Number	M	9828	NO	1/9	
GS07	Responsible Agency Code	M	0455	ID	1/2	"X"
GS08	Version / Release / Industry Identifier Code	M	0480	AN	1/12	"004010"

GS*SO* ABCTERM*CCOM*20091215*0820*1000123*X*004010<NL>

ST Transaction Set Header						
Element	Field Description	Field	Field	Field	Field	
ID		Req	Ref	Type	Min/Max	Description
ST01	Transaction Set Identifier Code	M	0143	ID	3/3	"322"
ST02	Transaction Set Control Number	M	0329	AN	4/9	

ST*322*10001<NL>

Q5 Status Details						
Element	Field Description	Field	Field	Field	Field	
ID		Req	Ref	Type	Min/Max	Description
Q5 01	Shipment Status Code	M/M	0157	ID	1/2	DT = DVIR Completed
Q5 02	Date of the Activity	M/M	0373	DT	8/8	CCYYMMDD
Q5 03	Time	M/M	0337	TM	6/8	HHMMSS (Military)
Q5 04	Time Code	M/M	0623	ID	2/2	ET= Eastern Time PT = Pacific Time CT = Central Time MT = Mountain Time

Q5*DT*20091215*0112*ET<NL>

N7 Equipment Details						
Element	Field Description	Field	Field	Field	Field	
ID		Req	Ref	Type	Min/Max	Description
N7 01	Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number.	O/O	0206	AN	1/4	
N7 02	Equipment Number Sequencing or serial part of an equipment unit's identifying number (Check Digit Not included)	M/M	0207	AN	1/10	
N7 03						Not Used
N7 04						Not Used
N7 05						Not Used
N7 06						Not Used
N7 07						Not Used
N7 08						Not Used
N7 09						Not Used
N7 10						Not Used
N7 11	Equipment Description Code	O/O	0040	ID	2/2	Set to « CC »
N7 12	Standard Carrier Alpha Code	O/O	0140	ID	2/4	SCAC Code of IEP

N7*ABCZ*544037*****CC*ABCU<NL>

R4 Port Or Terminal						
Element	Field Description	Field	Field	Field	Field	
ID		Req	Ref	Type	Min/Max	Description
R4 01	Port Or Terminal Function Code	M/C	0115	ID	1/1	5= Activity Location (Facility Identified in DVIR by trucker)
R4 02	Location Qualifier	M/C	0309	ID	1/2	ZZ = Facility Code Qualifier
R4 03	Location Identifier	C/C	0310	AN	7/7	OCEMA Defined Facility Code E.g:0885401, 0797402 (Facility Master list available upon request)
R4 04	Port Name	O/O	0114	AN	2/24	
R4 05						Not Used
R4 06						Not Used
R4 07						Not Used
R4 08	State Or Province Code	O/O	0156	ID	2/2	

R4*5*ZZ*0885401*LOS ANGELES****CA <NL>

N1 Name						
Element	Field Description	Field	Field	Field	Field	
ID		Req	Ref	Type	Min/Max	Description
N1 01	Entity Identifier Code	M	0098	AN	2/3	MC = Motor Carrier D1 = Driver
N1 02	Name (Free form Text)	C/C	0093	AN	1/60	See N103 description
N1 03	Identification Code Qualifier (P0304)	M/C	0066	ID	1/2	Required if N102 is not present. OR if N104 is provided 2 = SCAC to Provide Carrier and Motor Carrier SCAC codes Z Z= To provide Driver IDD PIN Number as reported by IANA
N1 04	Identification Code, SCAC Code	M/C	0067	AN	2/80	Required if N103 is present. SCAC length is 4/4 ZZ values can be larger. If N101 = MC & N103 = 2 then N104 = MOTOR_SCAC If N101 = D1 & N103 = ZZ then N104 = IDD PIN Number

N1*MC*JOE'S TRUCKING COMPANY*2*JTCL<NL>

N1* D1*JOE DRIVER*ZZ*25612895<NL>

N9 Reference Identification						
Element	Field Description	Field	Field	Field	Field	
ID		Req	Ref	Type	Min/Max	Description
N9 01	Reference Identification Qualifier	M/M	0128	AN	2/3	X3
N9 02	Reference Identification (R0203)	C/C	0127	AN	1/30	Defect Code Number --Values associated with above qualifiers
N9 03	Free-Form Description	C/C	0369	AN	1/45	RCD code description

N9*X3*02*Lights<NL>

N9*X3*03*Wheel<NL>

K1 Remarks						
Element	Field Description	Field	Field	Field	Field	
ID		Req	Ref	Type	Min/Max	Description
K1 01	Reference Identification Qualifier	M/M	0161	AN	1/30	IEPDOT = Provider Identifier (IEP USDOT #) MCDOT = Motor Carrier Identification Number (USDOT #)
K1 02	Reference Identification (R0203)	O/O	0161	AN	1/30	If K101 = MCDOT then K102 = Motor carrier DOT Number (Max length 12) If K101 = IEPDOT then K102 = IEP DOT Number (Max length = 12)

K1*IEPDOT*5555555<NL>

K1*MCDOT*987654<NL>

SE Transaction Set Trailer						
Element	Field Description	Field	Field	Field	Field	
ID		Req	Ref	Type	Min/M ax	Description
SE 01	Number Of Included Segments	M	9896	NO	1/6	
SE 02	Transaction Set Control Number	M	0329	AN	4/9	

SE*12*0001<NL>

GE Functional Group Trailer						
Element	Field Description	Field	Field	Field	Field	
ID		Req	Ref	Type	Min/M ax	Description
GE 01	Number Of Transaction Sets Included	M	9897	NO	1/6	
GE 02	Group Control Number	M	9828	NO	1/9	

GE*1*1101<NL>

IEA Interchange Control Trailer						
Element	Field Description	Field	Field	Field	Field	
ID		Req	Ref	Type	Min/M ax	Description
IEA 01	Number Of Included Functional Groups	M	0405	NO	1/5	
IEA 02	Interchange Control Number	M	9912	NO	9/9	

IEA*1*000000001<NL>