



DRS Defect Report - 315

DRS Defect Report From Chassis.com to Trading partners- 315
Implementation Guide Prepared by Advent Inc for OCEMA

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Revision History

Version	Date	Description	Author
1.00	11/22/2009	Draft Version	Vikas Gupta
2.00	11/25/2009	N9 – IP Limited to 15 Char	Parvez Mansuri
3.00	12/5/2009	Driver license distribution prohibited	Parvez Mansuri
3.10	12/16/2009	GS04 Min/Max = 8/8	Libby Lennox
3.11	05/11/2010	Updated R403 for new facility code format, reordered defect codes	Zee Khan
3.12	06/11/2010	Updated Qualifier in Driver's data element column for N901, Updated description for B403	Zee Khan
3.13	06/21/2010	Added Release Code "G" for B403	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 (315) 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 receive Defect Report for chassis from OCEMA Chassis.com application

Key Data Elements:

#	Data Element	Element	Example
1	Status Code ->Damage Survey Completed ->Repaired and/or Released from Bad Order	B4-03	DT - Damage Survey Completed G - Repaired and/or Released from Bad Order
2	Date/Time of Gate Transaction	B4-04,05	20090925*0112
3	Chassis ID Number	B4-07,08	ABCZ*544037
4	DVIR Number Assigned by Chassis.com (Max length 15)	N9-01,02	IP* C20091122123456
5	Chassis IEP SCAC Code	N9-12	SCA*ABCU
6	Motor Carrier (Trucker SCAC)	N9-01,02	MCI*JCTI
7	Qualifier and Driver's IDD Pin	N9-01,02	5K*5555555
8	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
9	Location of Interchange (Facility)	R4-01,02,03,04,08	R4*5*ZZ*0885401*LOS ANGELES****CA

Transaction Set - Sample

ISA*00**00**ZZ*CCOM*ZZ*ABCTERM*091115*1250*U*00401**0*T<NL>

GS*SO*CCOM*ABCTERM*20091115*1250**X*004010<NL>

ST*315*0001<NL>

B4***DT*20090201*1230* *AAAA*9999998*AK****<NL>

N9*IP* C20091122123456<NL>

N9*MCI*JCTI<NL>

N9*SCA*ABCU<NL>

N9*5K*5555555<NL>

N9*X3*02*LIGHTS<NL>

N9*X3*03*WHEEL<NL>

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

SE*12*0001<NL>

GE*1*1101<NL>

IEA*10*000000001<NL>

Transaction Set - Structure

Standard :	ANSI X12	American National Standards Institute, X12 Committee
Version:	004010	ANSI Version 4 Release 1 Sub release 0 ASC X12
Document :	315	Status Details (Ocean)
Nbr Of Seg:	0007	
Func. Group:	Q0	

Transaction Set - Segment Details

ISA Interchange Control Header						
Element	Field Description	Field	Field	Field	Field	
ID		Req	Ref	Type	Min/Max	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	"CCOM
ISA07	Interchange Id Qualifier	O	9905	ID	2/2	"ZZ"
ISA08	Interchange Receiver Id	M	9908	AN	15/15	Receiver Id
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 Nbr	M	9912	NO	9/9	
ISA14	Acknowledgement Requested	M	9913	ID	1/1	"0" - No Acknowledgment
ISA15	Test Indicator	M	9914	ID	1/1	"P" - Production "T" - Test
ISA16	Supplement Separator	M	9915	AN	1/1	":."

ISA*00* *00* *ZZ*CCOM *ZZ*ABCTERM *090215*1250*U*00401**0*T:<NL>

GS Functional Group Header						
Element	Field Description	Field	Field	Field	Field	
ID		Req	Ref	Type	Min/Max	Description
GS01	Functional Identifier Code	M	0479	ID	2/2	"SO"
GS02	Application Sender's Code	M	0142	AN	2/12	"CCOM"
GS03	Application Receiver's Code	M	0124	AN	2/12	Receiver Id
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	½	"X"
GS08	Version / Release / Industry Identifier Code	M	0480	AN	1/12	"004010"

GS*SO*CCOM*ABCTERM*20090215*0820**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	"315"
ST02	Transaction Set Control Number	M	0329	AN	4/9	

ST*315*10001<NL>

B4 Status Details						
Element	Field Description	Field	Field	Field	Field	
ID		Req	Ref	Type	Min/Max	Description
B4 01	Special Handling Code	O	0152	ID	2/3	
B4 02	Inquiry Request Number	O	0071	NO	1/3	
B4 03	Shipment Status Code Release Code	O	0157	ID	2/2	DT = Damage Survey Completed G = Repaired and/or Released from Bad Order
B4 04	Release Date	O	0373	DT	8/8	CCYYMMDD
B4 05	Release Time	O	0161	TM	6/6	HHMMSS (Military)
B4 06	Status Location	O	0159	AN	3/5	
B4 07	Equipment Initial (P0708)	C	0206	AN	¼	Chassis Prefix
B4 08	Equipment Number	C	0207	AN	1/11	Chassis Number (Check Digit Not Included)
B4 09	Equipment Status Code	O	0578	ID	1/1	AK

B4***DT*20090201*1230* *AAAA*9999998*AK****<NL> or

B4***G*20090201*1230* *AAAA*9999998*AK****<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	IP = Unique DVIR Number Assigned by Chassis.com (Max Length = 15 Character) MCI = Motor Carrier Identification (Trucker SCAC Code) SCA = IEP SCAC Code 5K = Driver IDD PIN X3 = Defect Code Number (Ex. RCD 03 – Wheel)
N9 02	Reference Identification (R0203)	C/C	0127	AN	1/30	Values associated with above qualifiers
N9 03	Free-Form Description	C/C	0369	AN	1/45	If N901 = X3 N903 = RCD code description

N9*IP*C20091122123456<NL>
 N9*MCI*JCTI<NL>
 N9*SCA*ABCU<NL>
 N9*5K*5555555<NL>
 N9*X3*02*Lights<NL>
 N9*X3*03*Wheel<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	½	ZZ = OCEMA Defined Facility Code
R4 03	Location Identifier	C/C	0310	AN	1/30	OCEMA Defined Facility Code Ex: 0085401, 0797401 (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>

SE Transaction Set Trailer						
Element	Field Description	Field	Field	Field	Field	
ID		Req	Ref	Type	Min/Max	Description
SE 01	Number Of Included Segments	M	9896	N0	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/Max	Description
GE 01	Number Of Transaction Sets Included	M	9897	N0	1/6	
GE 02	Group Control Number	M	9828	N0	1/9	

GE*1*1101<NL>

IEA Interchange Control Trailer						
Element	Field Description	Field	Field	Field	Field	
ID		Req	Ref	Type	Min/Max	Description
IEA 01	Number Of Included Functional Groups	M	0405	N0	1/5	
IEA 02	Interchange Control Number	M	9912	N0	9/9	

IEA*1*000000001<NL>