



# DRS Defect Report – Outbound 322

DRS Defect Report From Chassis.com to Trading Partners- 322  
Implementation Guide Prepared by Advent Inc for OCEMA –  
Version 4.0

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## Revision History

| Version | Date       | Description   | Author         |
|---------|------------|---|----------------|
| 1.0     | 11/19/2009 | Draft Version   | Parvez Mansuri |
| 1.2     | 11/19/2009 | Q5, R4 Segment Example correction                       | Parvez Mansuri |
| 1.3     | 11/20/2009 | Segment Detail and N9 segment example change            | Parvez Mansuri |
| 1.4     | 12/4/2009  | Driver License distribution is prohibited               | Parvez Mansuri |
| 1.5     | 12/5/2009  | With all 9 defects on chassis Max count of N9 violation | Parvez Mansuri |
| 1.6     | 12/16/2009 | GS04 Min/Max = 8/8                                      | Libby Lennox   |
| 1.7     | 05/11/2010 | Updated Facility Code format and reordered defect codes | Zee Khan       |
| 1.8     | 06/11/2010 | Updated description for Q501                            | Zee Khan       |
| 1.9     | 06/21/2010 | Added new release code "G" for Q501                     | 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 receive a Chassis Defect Report(s) from the OCEMA Chassis.com application.

### Key Data Elements:

| #  | Data Element   | Element           | Example   |
|----|--|-------------------|---|
| 1  | Status Code<br>->Damage Survey Completed<br>->Repaired and/or Released from Bad Order                        | Q5-01             | DT - Damage Survey Completed<br>G - Repaired and/or Released from Bad Order |
| 2  | Date/Time of Gate Transaction  | Q5-02,03,04       | 20090925*0112*ET  |
| 3  | Chassis ID Number  | N7-01,02          | ABCZ*544037   |
| 4  | Chassis IEP SCAC Code  | N7-12             | ABCU  |
| 5  | Location of Interchange (Facility)   | R4-01,02,03,04,08 | R4*5*ZZ*0885401*LOS ANGELES****CA   |
| 6  | Motor Carrier Name & SCAC Code   | N1-01,02,03,04    | MC*JOE'S TRUCKING COMPANY*2*JTCl  |
| 7  | Driver's Name and IDD Pin  | N1-01,02,03,04    | D1*JOE DRIVER*ZZ*25612895   |
| 8  | Chassis IEP USDOT Number   | K1-01,02          | IEPDOT*5555555  |
| 9  | Motor Carrier USDOT Number   | K1-01,02          | MCDOT*98765411  |
| 10 | DVIR Number Assigned by Chassis.com (Max length 15)  | N9-01,02          | IP* C20091122123456   |
| 11 | 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\*CCOM\*ZZ\*ABCTERM\*091115\*1250\*U\*00401\*\*0\*T<NL>

GS\*SO\*CCOM\*ABCTERM\*20091115\*1250\*\*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\*JT<NL>

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

K1\*IEPDOT\*5555555<NL>

K1\*MCDOT\*987654<NL>

N9\*IP\* C20091122123456<NL>

N9\*X3\*02\*LIGHTS<NL>

N9\*X3\*03\*WHEEL<NL>

SE\*12\*0001<NL>

GE\*1\*1101<NL>

IEA\*10\*000000001<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<br>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       | "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<br>"T" - Test |
| ISA16                          | Subelement Separator                 | M     | 9915  | AN    | 1/1         | ":"                            |

ISA\*00\* \*00\* \*ZZ\*CCOM \*ZZ\*ABCTERM \*050215\*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     | "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 = Damage Survey Completed<br>G - Repaired and/or Released from Bad Order      |
| 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<br>PT = Pacific Time<br>CT = Central Time<br>MT = Mountain Time |

Q5\*DT\*20090925\*0112\*ET<NL>

or

Q5\*G\*20090925\*0112\*ET<NL>

| N7 Equipment Details |   |       |       |       |             |                  |
|----------------------|---|-------|-------|-------|-------------|------------------|
| Element              | Field Description   | Field | Field | Field | Field       |                  |
| ID                   |   | Req   | Ref   | Type  | Min/M<br>ax | 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 = OCEMA Defined Facility Code   |
| R4 03               | Location Identifier            | C/C   | 0310  | AN    | 1/30    | OCEMA Defined Facility Code<br>Ex: 0885401, 0797401<br>(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                | O/O   | 0098  | AN    | 2/3     | MC = Motor Carrier<br>D1 = Driver  |
| N1 02   | Name (Free form Text)                 | C/C   | 0093  | AN    | 1/60    |  |
| N1 03   | Identification Code Qualifier (P0304) | M/C   | 0066  | ID    | ½       | 2 = SCAC to Provide Carrier and Motor Carrier SCAC codes<br><br>Z Z= To provide Driver IDD PIN Number as reported by IANA                                    |
| N1 04   | Identification Code, SCAC Code        | M/C   | 0067  | AN    | 2/80    | SCAC length is 4/4<br>ZZ values can be larger.<br>If N1 01 = MC & N1 03 = 2 then N1 04 = MOTOR_SCAC<br>If N1 01 = D1 & N1 03 = Z then N1 04 = IDD PIN Number |

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

or

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     | IP = Unique DVIR Number Assigned by Chassis.com<br>X3 = Defect Code Number ( Ex. RCD 03 – Bolster) |
| 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 N9 01 = X3<br>N9 03 = RCD code description  |

N9\*IP\* C20091122123456<NL>

N9\*X3\*02\*FRAME<NL>

N9\*X3\*03\*BOLSTER<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    | MCDOT = Motor Carrier Identification Number (USDOT #)<br>IEPDOT = Provider Identifier (IEP USDOT #)   |
| K1 02      | Reference Identification (R0203)   | O/O   | 0161  | AN    | 1/30    | If K101 = MCDOT then<br>K102 = Motor carrier DOT Number (Max length 12)<br>If K101 = IEPDOT then<br>K102 = IEP DOT Number (Max length = 12) |

K1\*MCDOT\*987654<NL>

K1\*IEPDOT\*555555<NL>

| SE Transaction Set Trailer |                                |       |       |       |             |             |
|----------------------------|--------------------------------|-------|-------|-------|-------------|-------------|
| Element                    | Field Description              | Field | Field | Field | Field       |             |
| ID                         |                                | Req   | Ref   | Type  | Min/M<br>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<br>ax | Description |
| GE 01                       | Number Of Transaction Sets<br>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<br>ax | Description |
| IEA 01                          | Number Of Included Functional<br>Groups | M     | 0405  | NO    | 1/5         |             |
| IEA 02                          | Interchange Control Number              | M     | 9912  | NO    | 9/9         |             |

IEA\*1\*000000001<NL>