IANA's Bad Order Equipment Status Service (BOES)
XML Samples

Sep 2014

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1 XML Samples

1.1 XML Samples for each events

1.1.1 Damage Event - IANA to IEP/MRV/FO (XML-AAR)

After processing inbound 322 for bad order event, IANA would generate notification in XML format as shown below and send it to IEP. It also notifies MRV and/or FO if selected by IEP and opted to receive notification via XML. Repair items mentioned in AAR codes.

```
<IANABOESC>
      <SHIPSTATUS>
            <CODE>DT</CODE>
            <DATE>03/31/2014</DATE>
            <TM>10:20</TM>
            <ZONE>ET</ZONE>
      </SHIPSTATUS>
      <EQUIP>
            <PREFIX>NSPZ</PREFIX>
            <NUM>132025</NUM>
            <DESC>CH<DESC/>
            <SCAC>NSCU</SCAC>
            <DOT> 098765 </DOT>
            <LEN>0053</LEN>
            <TYPE>9</TYPE>
            <STCODE>E</STCODE>
            <DIR>N</DIR>
      </EQUIP>
      <POOL>
            <POOLNM> MAERSK GULF POOL </POOLNM>
            <POOLID> M002</POOLID>
      </POOL>
      <LOC>
            <FUNCCD>Activity Location</FUNCCD>
            <LOCQUAL>SL</LOCQUAL>
            <LOCCODE>417500</LOCCODE>
            <PORTNM> CHARLOTT </PORTNM>
            <COUNTRY>ZZ</COUNTRY>
            <TRMNL> IN  GAT </TRMNL>
      </LOC>
      <EXTENDED>
            <EXTND>
                  <REFQUAL>BM</REFQUAL>
                  <REFID>1738983</REFID>
            </EXTND>
            .
            .
            .
            <EXTND>
                  <REFQUAL>EV</REFQUAL>
                  <REFID>BOGD</REFID>
            </EXTND>
      </EXTENDED>
      <REPAIR>
            <RPR>
                  <SRNO>1</SRNO>
                  <JBCODE>5001</JBCODE>
```

```
                <WHYMD>002</WHYMD>
                <RPRLOC>LF</RPRLOC>
                <UNIT>IN</UNIT>
                <QTY>006</QTY>
        </RPR>
        .
        .
        .
        <RPR>
                <SRNO>7</SRNO>
                <JBCODE>5001</JBCODE>
                <WHYMD>002</WHYMD>
                <RPRLOC>RF</RPRLOC>
                <UNIT>IN</UNIT>
                <QTY>003</QTY>
        </RPR>
    </REPAIR>
</IANABOESC>
```

1.1.2 Damage Event - IANA to IEP/MRV/FO (XML-ISO)

After processing inbound 322 for bad order event, IANA would generate notification in XML format as shown and send it to IEP. It also notifies MRV and/or FO if selected by IEP and opted to receive notification via XML. Repair items mentioned in ISO codes.

```
<IANABOESC>
        <SHIPSTATUS>
                <CODE>DT</CODE>
                <DATE>03/31/2014</DATE>
                <TM>10:20</TM>
                <ZONE>ET</ZONE>
        </SHIPSTATUS>
        <EQUIP>
                <PREFIX>NSPZ</PREFIX>
                <NUM>132025</NUM>
                <DESC>CH<DESC/>
                <SCAC>NSCU</SCAC>
                <DOT>098765 </DOT>
                <LEN>0053</LEN>
                <TYPE>9</TYPE>
                <STCODE>E</STCODE>
                <DIR>N</DIR>
        </EQUIP>
        <POOL>
                <POOLNM> MAERSK GULF POOL </POOLNM>
                <POOLID> M002</POOLID>
        </POOL>
        <LOC>
                <FUNCCD>Activity Location</FUNCCD>
                <LOCQUAL>SL</LOCQUAL>
                <LOCCODE>417500</LOCCODE>
                <PORTNM> CHARLOTT </PORTNM>
                <COUNTRY>ZZ</COUNTRY>
                <TRMNL> IN  GAT </TRMNL>
        </LOC>
        <EXTENDED>
                <EXTND>
```

```
                    <REFQUAL>BM</REFQUAL>
                    <REFID>1738983</REFID>
            </EXTND>
            .
            .
            .
            <EXTND>
                    <REFQUAL>EV</REFQUAL>
                    <REFID>BOGD</REFID>
            </EXTND>
    </EXTENDED>
    <REPAIR>
            <RPR>
                    <SRNO>1</SRNO>
                    <JBCODE>90130</JBCODE>
                    <WHYMD>BT</WHYMD>
                    <RPRLOC>CF7N</RPRLOC>
                    <UNIT>IN</UNIT>
                    <QTY>006</QTY>
            </RPR>
            .
            .
            .
            <RPR>
                    <SRNO>7</SRNO>
                    <JBCODE>90050</JBCODE>
                    <WHYMD>BT</WHYMD>
                    <RPRLOC>CYRF</RPRLOC>
                    <UNIT>IN</UNIT>
                    <QTY>003</QTY>
            </RPR>
    </REPAIR>
</IANABOESC>
```

1.1.3 Repair/Release Event - IANA to IEP/MRV/FO (XML-AAR)

IANA would generate Repair/Release event notification in XML format as shown and send it to IEP. It also notifies MRV and/or FO if selected by IEP and opted to receive notification via XML. Repair items mentioned in AAR codes.

```
<IANABOESC>
    <SHIPSTATUS>
            <CODE>G</CODE>
            <DATE>03/31/2014</DATE>
            <TM>10:20</TM>
            <ZONE>ET</ZONE>
    </SHIPSTATUS>
    <EQUIP>
            <PREFIX>NSPZ</PREFIX>
            <NUM>132025</NUM>
            <DESC>CH<DESC/>
            <SCAC>NSCU</SCAC>
            <DOT>098765</DOT>
            <LEN>0053</LEN>
            <TYPE>9</TYPE>
            <STCODE>E</STCODE>
            <DIR>N</DIR>
```

```
        </EQUIP>
        <POOL>
                <POOLNM> MAERSK GULF POOL </POOLNM>
                <POOLID> M002</POOLID>
        </POOL>
        <LOC>
                <FUNCCD>Activity Location</FUNCCD>
                <LOCQUAL>SL</LOCQUAL>
                <LOCCODE>417500</LOCCODE>
                <PORTNM> CHARLOTT </PORTNM>
                <COUNTRY>ZZ</COUNTRY>
                <TRMNL> IN  GAT </TRMNL>
        </LOC>
        <EXTENDED>
                <EXTND>
                        <REFQUAL>BM</REFQUAL>
                        <REFID>1738983</REFID>
                </EXTND>
                .
                .
                .
                <EXTND>
                        <REFQUAL>EV</REFQUAL>
                        <REFID>BOGD</REFID>
                </EXTND>
        </EXTENDED>
</IANABOESC>
```

1.1.4 Repair/Release Event - IANA to IEP/MRV/FO (XML-ISO)

IANA would generate Repair/Release notification in XML format as shown and send it to IEP. It also notifies MRV and/or FO if selected by IEP and opted to receive notification via XML. Repair items mentioned in ISO codes.

```
<IANABOESC>
        <SHIPSTATUS>
                <CODE>G</CODE>
                <DATE>03/31/2014</DATE>
                <TM>10:20</TM>
                <ZONE>ET</ZONE>
        </SHIPSTATUS>
        <EQUIP>
                <PREFIX>NSPZ</PREFIX>
                <NUM>132025</NUM>
                <DESC>CH<DESC/>
                <SCAC>NSCU</SCAC>
                <DOT>098765</DOT>
                <LEN>0053</LEN>
                <TYPE>9</TYPE>
                <STCODE>E</STCODE>
                <DIR>N</DIR>
        </EQUIP>
        <POOL>
                <POOLNM> MAERSK GULF POOL </POOLNM>
                <POOLID> M002</POOLID>
        </POOL>
        <LOC>
                <FUNCCD>Activity Location</FUNCCD>
```

```
                    <LOCQUAL>SL</LOCQUAL>
                    <LOCCODE>417500</LOCCODE>
                    <PORTNM> CHARLOTT </PORTNM>
                    <COUNTRY>ZZ</COUNTRY>
                    <TRMNL> IN  GAT </TRMNL>
            </LOC>
            <EXTENDED>
                    <EXTND>
                            <REFQUAL>BM</REFQUAL>
                            <REFID>1738983</REFID>
                    </EXTND>
                    .
                    .
                    .
                    <EXTND>
                            <REFQUAL>EV</REFQUAL>
                            <REFID>BOGD</REFID>
                    </EXTND>
            </EXTENDED>
    </IANABOESC>
```

1.1.5 DVIR - IANA to IEP/MRV/FO (XML)

```
< IANADVIR>
        <INSP>
                <DATE>03/31/2014</DATE>
                <TM>10:20</TM>
                <ZONE>ET</ZONE>
        </INSP>
        <EQUIP>
                <PREFIX> ABCZ</PREFIX>
                <NUM>544037</NUM>
        </EQUIP>
        <LOC>
                <LOCCODE>218317</LOCCODE>
                <PORTNM> PITCAIRN </PORTNM>
                <ST>PA</ST>
        </LOC>
        <IEP>
                <DOT>1521807</DOT>
        </IEP>
        <POOL>
                <POOLNM> MAERSK GULF POOL </POOLNM>
                <POOLID> M002</POOLID>
        </POOL>

        <MC>
                <DOT>1521807</DOT>
                <SCAC>1521807</ SCAC >
                <NM>1521807</ NM >
        </MC>
        <DRV>
                <LIC>123456</LIC>
                <ST>PA</ST>
        </DRV>
        <RCDINFO>
```

```
            <RCD>
                    <CD>02</CD>
                    <DESC>LIGHT</DESC>
            </RCD>
            <RCD>
                    <CD>03</CD>
                    <DESC>WHEEL</DESC>
            </RCD>
        </RCDINFO>
</IANADVIR>
```

1.1.6 DVER - IANA to IEP/MRV/FO (XML)

```
< IANADVER>
        <INSP>
                <DATE>03/31/2014</DATE>
                <REPORTNM> GA0375001036</ REPORTNM >
        </INSP>
        <EQUIP>
                <PREFIX>ABCZ</PREFIX>
                <NUM>544037</NUM>
                <LIC>123456</LIC>
                <LICST>PA</LICST>
        </EQUIP>
        <IEP>
                <SCAC>NSCU</SCAC>
                <DOT>1521807</DOT>
        </IEP>
        <POOL>
                <POOLNM> MAERSK GULF POOL </POOLNM>
                <POOLID> M002</POOLID>
        </POOL>


        <MC>
                <DOT>1521807</DOT>
        </MC>
</IANADVER>
```