SMDG CONFERENCE HAMBURG: IFTMBF / IFTMBC – INDUSTRY STANDARD

9th - 11th October 2018
AGENDA

• Introduction
  ✓ The initiative
  ✓ Goal
  ✓ Involved parties
  ✓ Status
• IFTMBF / IFTMBC industry standards Improvements
• Outstanding items that require further discussion
INTRODUCTION
INTRODUCTION – THE INITIATIVE

• Carriers needed to support different formats for IFTMBF / IFTMBC
  ✓ Extra maintenance required on system level
  ✓ Introducing a lot of overhead
    ✷ Customized development per shipping line
• Several shipping companies wanted to get rid of the overhead and started up communications back in March 2018
• Different workshops with shipping lines were organized
INTRODUCTION – THE GOAL

• 1 Industry standard for IFTMBF / IFTMBC communication
• Format and technology (AS2 preference)
• Simplification were possible
• Creation & Publication of the MIG by SMDG for IFTMBF / IFTMBC
INTRODUCTION – INVOLVED PARTIES
INTRODUCTION – STATUS

• Shipping lines supporting the industry standard in an operational context
  ✓ MSC
  ✓ ZIM
  ✓ WEC Lines

• Shipping lines currently performing E2E validation with MSC
  ✓ ONE (Production date scheduled Mid Nov 2018)
  ✓ Hapag Lloyd (Production date scheduled on 6th Nov 2018)

• Shipping lines with whom the planning needs to be further defined
  ✓ Maersk & Hamburg Süd
  ✓ CMA-CGM
  ✓ HMM
IFTMBF / IFTMBC INDUSTRY STANDARD IMPROVEMENTS
• Booking request identifier
  ✓ Sample: BGM+335+183472946+9

✓ Remarks:
  o We should support the following statuses in the BGM segment
    ✤ 9 ➔ New IMDG booking request
    ✤ 5 ➔ Replace IMDG booking request
    ✤ 4 ➔ Update IMDG booking request
    ✤ 1 ➔ Cancel IMDG booking request
• Routing information (LOC+5 & LOC+7)
  ✓ LOC+5 ➔ Original port of loading
  ✓ LOC+7 ➔ Final port of discharge
  ✓ Sample:
    ✓ LOC+5+GBLIV:139:6'
    ✓ LOC+7+PTSET:139:6'

✓ We will only require these segments in the EDI message when a transshipment is relevant. When we receive a single leg request via EDI it will be enough to only use : LOC+9 & LOC+11
✓ Only the PortIsoCode should be available
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- Routing information (LOC+9 & LOC+11)
  - LOC+9 ➔ Port of loading / loading terminal
  - LOC+11 ➔ Port of discharge / discharge terminal
  - Sample:
    - LOC+9+GBLIV:139:6+GBLIV:72:ZZZ'
    - DTM+133:20180516:102'
    - LOC+11+PTSET:139:6+SADOP:72:ZZZ'
    - DTM+133:20180520:102'
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• Routing information (LOC+13)
  ✓ LOC+13 ➔ Transhipment ports

  ✓ Remarks:
  o Support IMDG requests with a max. of 5 transhipment ports
  o For the transhipment ports (LOC+13) the sequence should be put in the Relation Code segment (5479). This is the last segment in the LOC segment
  o Sample of a transhipment request:
    o Route: Hamburg ➔ Sines ➔ Casablanca
      LOC+5+DEHAM:139:6'
      LOC+7+MACAS:139:6'
      LOC+9+DEHAM:139:6:EGH:72:ZZZ'
      DTM+133:20180311:102'
      LOC+13+PTSIE:139:6:Sines+++1'
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• Routing information (LOC+27 & LOC+36 & LOC88)
  ✓ LOC+27 ➔ Country of origin
  ✓ LOC+36 ➔ Country of destination
  ✓ Sample:
    ✓ LOC+27+GBXXX:139:6'
    ✓ LOC+36+PTXXX:139:6’
  ✓ Other possibilities
    ✓ LOC+27+BEANR:139:6
    ✓ LOC+27+BE:139:6
    ✓ LOC+36+BEANR:139:6
    ✓ LOC+36+BE:139:6

✓ LOC+88 ➔ Place of receipt (not used)
• Operating reefer requests (MEA+TE+AAU+C)
  ✓ Sample: MEA+TE+AAU+C:1:170:195'
    TE: temperature
    AAU: operative reefer temperature
    C: Celsius
    1: operated reefer/tank (0=false, 1=true)
    10: min temperature value
    20: max temperature value

  ✓ Remarks:
    o When not provided the container is not considered an operating reefer/heated tank
    o Should we provide a specific temperature or a range?
      o Both are supported by the EDI standard (not by SMDG):
        o MEA+TE+AAU+C:1:10:20' (range)
        o TMP+2+15:C' (specific temp)
    o TMP on GID level is still supported, but than for emergency temperature and control temperature of the cargo.
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• Fumigated container requests (DTM+FUM / DTM+VEN)
  ✓ Sample : DTM+FUM:201203151000
  ✓ Fumigation details should come below the EQD segment.
    EQD+CN+TCLU2834090+20DV:102:5’
    NAD+SU’
    DTM+530:201804011200:203’
  ✓ In the DGS segment the UN3359 should be provided.
    ✓ Including the weight and the technical name

✓ Remarks:
  o When not provided, it is not considered as a “fumigated container”
• Support requests with NAXXXX numbers
  ✓ Class and UN Number (dgs+imd)
    \[DGS+IMD+2.1::38-16+1950+049:CEL++FD/SU\]

  ✓ Support requests with NAXXXX numbers
    \[DGS+CFR+3::38-16+1993+049:CEL++FD/SU\]
    The CFR indicator means that an NAXXXX (in this case NA1993) is being used.
• UNNumber / Proper shipping Name & Technical name (FTX+PSN / FTX+AAD)
  ✓ FTX+PSN++UN1950+AEROSOLS ➔ UNNumber and proper shipping name
  ✓ FTX+AAD+++ ALCOHOL ETHEROXYLATE ALCOHOL ETHEROXYLATE% ➔ Technical name
• Cargo Item Reference
  ✓ RFF+CN:422695/1/580433
• SAPT & SADT
  ✓ SADT = self-accelerating decomposition temperature
    MEA+TE+sapt code+CEL:55
  ✓ self-accelerating polymerization temperature
    MEA+TE+sadt code+CEL:55
• Competent Authority Approval
  ✔ FTX+AAC++CAA+4697
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• IMOSort Codes
  ✓ Normal
    FTX+AAC+IMS+NORMAL
  ✓ Residue
    FTX+AAC+IMS+RESIDUE
  ✓ Limited Quantity
    FTX+AAC+IMS+TLQ
  ✓ EQ
    FTX+AAC+IMS+EQ
  ✓ Waste
    FTX+AAC+IMS+WASTE
  ✓ Expired
    FTX+AAC+IMS+EXPIRED
  ✓ Hot
    FTX+AAC+IMS+HOT
  ✓ Salvage
    FTX+AAC+IMS+SALVAGE
• How to send cancellations
  ✓ Booking level
    BGM+335+183472946+9
  ✓ Container level
    EQD+CN+GATU1333509+22G1:102:5++16
IFTMBF / IFTMBC IMPROVEMENTS

• Link between the IFTMBF request and the IFTMBC feedback message
  ✓ The UNB & UNH identifiers are sequential numbers defined by the sender. It’s not possible to put a specific reference (on request of the receiver) in these segments.
  ✓ RFF+AAQ might be a better segment to put the container reference in. (as per standard: RFF+AAQ = Unit load device (e.g. container) identification number)
  ✓ Message identifier (from UNB segment) will be placed in BGM segment RFF+BN & RFF+AAQ segment will be kept in the message.
  ✓ Proposal is to continue mapping the value from the BGM segment from the IFTMBF to the BGM segment of the IFTMBC (is like this already for years).
  ✓ So IFTMBC will contain:
    • BGM segment with same reference as BGM from IFMTBF
    • RFF+BN segment containing the booking number
    • RFF+AAQ segment containing the container reference (RFF+AAY from the IFTMBF)
    • EQD+CN segment will stay
OUTSTANDING ITEMS THAT REQUIRE FURTHER DISCUSSION
IFTMBF / IFTMBC IMPROVEMENTS

• Cargo Temperatures
  ✓ TMP+4+20:CEL ➔ *Transport emergency temperature*
  ✓ TMP+5+20:CEL ➔ *Transport control temperature*

✓ *Only 1 occurrence allowed of TMP on cargo level*
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• SAPT & SADT
  ✓ SADT = self-accelerating decomposition temperature
    MEA+TE+sapt code+CEL:55
  ✓ self-accelerating polymerization temperature
    MEA+TE+sadt code+CEL:55
SAMPLES
SAMPLES

UNH: 359801282/1: SPMRF: D: 0.048: UN: MSCXI
BGM: 335: 359801282/SPHANR1004391:9
DTM: 137: 201310021604:203
FTX: ZZ+OP: ZIM
RF: BH: SPHANR1004391
TD: 20: H1340A: 1: E+++9213583: 146: MSC MIRA
LOC: 5+BEANR: 139:6
LOC: 7+USNYC: 139:6
LOC: 9+BEANR:139:6+BEANRT73:72: ZZZ
LOC: 11+DEHAM: 139:6+DEHAMHU: 72: ZZZ
LOC: 13+DEHAM: 139:6+HAMBURG+++1

NAD: CN: ZIM (SLOT CHARTERER) HAMBURG: Hamburg, Germany: +++DE
CTA: CN: xxxxxxxxx
COM: ?xxxxxxxxxxxxxxxxx: TE
COM: xxxxxxxxxxxxxxxxxx: IM
COM: ?xxxxxxxxxxxxx: FX
NAD: LP: ZIM (SLOT CHARTERER) HAMBURG: Hamburg, Germany: +++DE
CTA: LP: xxxxxxxxxx
COM: ?xxxxxxxxxxx: TE
COM: EMAIL: EM
COM: ?xxxxxxxxxxxxx: FX
NAD: CZ: ZIM (SLOT CHARTERER) HAMBURG: Hamburg, Germany: +++DE
CTA: CZ: xxxxxxxxx
COM: ?xxxxxxxxxxxxxxxxx: TE
COM: EMAIL: EM
COM: ?xxxxxxxxxxxxx: FX
GID: 1: 80: 1A1: DRUM STEEL NON-REMOVABLE HD: 0
MEA: WT: G: KGM: 13992

MEA: WT: AAI: KGM: 9500
SGP: 19815255
FTX: AAC+++formic acid
FTX: PSN1+UN3265+CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
FTX: AAC-NP-NP
FTX: AAC-RQ: 0
CTA: HE: xxxxxxxxxxxxxxx
COM: ?xxxxxxxxxxxxxxxxx: TE
CTA: HE: xxxxxxxxxxx
COM: ?xxxxxxxxxxxxxxxxx: TE
MEA: WT: G: KGM: 16200
RF: AAX: 19815255
UNT: 1: 359801282/1
UNT: 1: 359801282
SAMPLES

Sample 1 - Accepted:
UNA:+.
UNB+UNOB:1+HLC+MSC+120125:0945+38495
UNH+ME000001+IFTMBC:D:01B:UN:EAN003
BGM+770+31041+9+AP
DTM+137:201203081214:102
RFF+BN:431-AA
RFF+AAQ:19815255
EQD+CN+GATU1333509
UNT+13+ME000001

Sample 2 - Rejected + reason(s)
UNA:+.
UNB+UNOB:1+HLC+MSC+120125:0945+38495
UNH+ME000001+IFTMBC:D:01B:UN:EAN003
BGM+770+31041+9+RE
DTM+137:201203081214:102
FTX++NAI+Separated from hydrogen peroxides
RFF+BN:431-AA
RFF+AAQ:19815255
EQD+CN+GATU1333509
UNT+13+ME000001

Sample 3 - IFTMBC after cancellation of a booking
UNA:+.
UNB+UNOB:1+MSC+ONE+180719:1649+119
UNH+118+IFTMBC:D:01B:UN:EAN003
BGM+770+[BOOKING_REQUEST_IDENTIFIER]+9
DTM+137:201807191649:102
FTX+NAI+Booking has been cancelled
RFF+BN:[BOOKING_REFERENCE]
UNT+15+118
UNZ+1+119

Sample 4 - IFTMBC after cancellation of a specific container
UNA:+.
UNB+UNOB:1+MSC+ONE+180719:1649+119
UNH+118+IFTMBC:D:01B:UN:EAN003
BGM+770+[BOOKING_REQUEST_IDENTIFIER]+9
DTM+137:201807191649:102
FTX+NAI+Container has been cancelled
RFF+BN:[BOOKING_REFERENCE]
RFF+AAQ:[INTERNAL_CONTAINER_REFERENCE]
EQD+CN+[CONTAINER_NUMBER]
UNT+15+118
UNZ+1+119