

IFTSAI

Vessel Schedule Message

69th SMDG Meeting in Genoa

15th March 2017



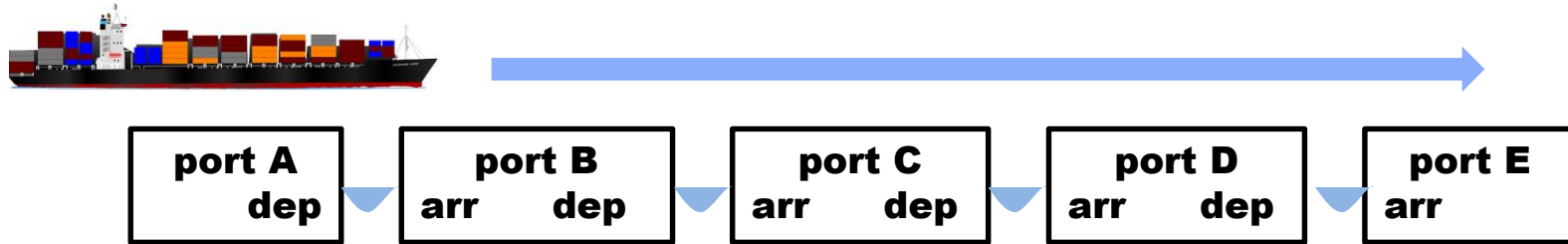
Hapag-Lloyd

IFTSAI Message content

A simple message, on first sight

The IFTSAI transmits a vessel schedule -

- **For the vessel:** Vessel name, ID, voyage number
- **For each port of call:** Port and terminal code, ETA, ETD, cut-off times



IFTSAI use cases

Different receivers have different requirements

The sender of an IFTSAI message is typically the vessel operator (VO), who defines the schedule for his vessel

<u>Receiver</u>	Required data	Additional Req.
Terminal	All voyages that are calling <u>this terminal</u> , with previous and next ports. <i>New requirement from ECT: Include connecting vessels with their terminal in ECT.</i>	Terminal likes to receive the co-loaders (partner lines)
Customer	Only selected point-to-point connections and transshipment port, if any. For example: All connections from JPTYO to NLRTM with ETD and ETA but <u>no intermediate ports</u> . Cut-off dates are important.	The VO will <u>never</u> send the co-loaders to the customer
Portal e.g. ScheduleSmart	All voyages with all ports in all services, with cut-off dates, with connecting vessels.	Partner Lines use different voyage numbers on same vessel
Another shipping line	For example from Feeder operator to mainline operator: All voyages in selected services, with all ports and cut-offs.	
XVELA	All voyages with all ports in selected services. Only ETA and ETD, no cut-off and no connecting vessel.	Both import- and export voyage

IFTSAI Message – SMDG working Group

Members of the SMDG Working Group IFTSAI

This new working group was formed at the SMDG meeting in Oct.2016 in Hamburg. Before, there were only two members, Robert and Michael.

- Michael Schröder (chair)
- Marc Jordens, Hamburg Süd
- Boudewijn de Kievit (ECT)
- Patrick Straka (MSK)
- Bruis van Driel (SMDG/AMPT)
- Hans Vlasblom (ECT)



IFTSAI Message structure and MIG – current status March 2017

Where we are - urgent need to publish new MIG

1. MIG on SMDG website is outdated

It was published in 2004, 13 years ago. However it is still in 'TR' trial status and the document is named 'Draft'...

The .sef file is only for EDISIM developers and a .sef file should not be published at all on the SMDG website.

<http://www.smdg.org/index.php/documents/vessel-schedules/>

[IFTSAI 2.0 05/04 TR](#)

[IFTSAI SEF File 2.0 05/04 TR](#)

2. Enhancements added on D.13B

The requests from SMDG were approved by UN/CEFACT and were published in the Edifact directory in D.13B. But due to resource limitations they were never published on the SMDG website as a new MIG – this is overdue.

A new MIG has to be developed.

3. Request for **new qualifiers for cut-off times** in the DTM have been submitted to UN/CEFACT, their approval is expected for D.17A and they should be included in the MIG.

4. New request: Connecting vessels

To include connecting vessels for both precarriage and oncarriage, with their vessel/voyage/ports/ETD resp ETA (request from Hapag-Lloyd)



Six DMRs for cut-off date in DTM/2005

This request was submitted to UN/CEFACT in Jan.2017

Use Case	Description	Currently used	SMDG IFTSAI recommended	Agreed Action
VGM cut-off	Latest date/time on which the VGM details must be delivered to the ocean carrier or to the terminal.	222	N / A	New DMR
Reefer cut-off	Date on which the acceptance of new operational reefer containers will be stopped at this location.	- / -	N / A	New DMR
FCL cut-off	Date on which the acceptance of new FCL- containers will be stopped at this location.	180	180	New DMR
DG cut-off	Date on which the acceptance of new DG-cargo will be stopped at this location	- / -	50 and 262	New DMR
OOG/BB cut-off	Date on which the acceptance of new OOG- and Break Bulk cargo will be stopped at this location	- / -	262	New DMR
Transshipment cut-off	Date after which no more bookings for transshipment cargo will be accepted for re-loading on a particular vessel.	- / -	N / A	New DMR
LCL cut-off	Date on which the acceptance of new LCL- containers will be stopped at this location.	411	262	Replace 262 with 411 in the IFTSAI MIG
Document Closing	Latest date on which the Shipping Instructions must be delivered by the Customer to the Carrier	407	N / A	Add 407 to the IFTSAI MIG

The new qualifiers will be published in D.17A

They can be used in IFTSAI and IFTMBC messages

They should be included in the new IFTSAI MIG

IFTSAI enhancements added on D.13B

Business request came from ECT Rotterdam

1. Add Partner Lines (Co-Loaders)

The Vessel Operator should mention the Co-Loaders (Partner Lines) that will book cargo on the vessel, and also the voyage number for each Partner Line.

2. Include possible feeder connections

The requested need is to include possible feeder or deep-sea connections. Show scheduled feeder or ocean vessel connections that can be reached with a particular ocean vessel or feeder. Based on the business rules of the message sender. From the terminal with multiple terminal areas the combination volume and connection helps to decide where to handle the Feeder vessel for les internal moves which also helps to reduce the timeframe of the vessel stay at the terminal.

Example: If Feeder vessel A has containers for vessels X, Y and Z then these connecting vessels should be included into the IFTSAI.

IFTSAI enhancements added on D.13B

Business request came from ECT Rotterdam

```
00400 + ---- Segment group 8 ----- C 9-----+||
00410 + TDT Transport information      M 1-----+||

00420 + ---- Segment group 9 ----- C 9-----+||
00430 + LOC Place/location identification M 1-----+||
00440 + DTM Date/time/period           C 9-----+||

00450 + ---- Segment group 10 ----- C 9-----+||
00460 + EQD Equipment details          M 1-----+||
00470 + EQN Number of units           C 1-----+||
00480 + CNT Control total              M 1-----+||
```

1. New SG8 TDT- SG9 LOC-DTM

SG8.TDT is the connecting vessel

SG9.LOC is the terminal in the connecting port

SG9.DTM is the ETA resp. ETD of the connecting vessel

2. New SG10 EQD-EQN

Is the number of containers (EQN) per container type (EQD) to be handled for the connecting vessel/voyage

3. SG11 NAD

Used to differentiate between Vessel Operator and Co-Loader

IFTSAI Message – Working Group To Do

→ → Develop a new IFTSAI 3.0 MIG

1. Check the existing draft MIG

IFTSAI_30.rtf which was created in 10/2014.

Is all the syntax correct?

Are the descriptions correct?

Focus on the enhancements from D.13B but also the rest.

Check also description for BGM function code usage.

2. Create Example IFTSAI messages

For each use case, the MIG should include a business description of the use case and a corresponding example IFTSAI message.

Like in the VERMAS MIG.

3. Include the new qualifiers for cut-off dates

As soon as they re published, probably in June 2017

4. Publish the MIG on SMDG website based on D.17A

Edit the Edifact part in EDISIM tool and the use cases in MS-Word and combine in a MIG document.

TO DO LIST

IFTSAI Message – Working Group To Do

→ → New requirement

New request: Connecting vessels

To include connecting vessels for both precarriage and oncarriage, with their vessel/voyage/ports/ETD resp ETA (request from Hapag-Lloyd).

Solution:

- Increase the cardinality of SG8.TDT and SG9.LOC and SG9.DTM from '9' to '999'
- Change description for SG9.LOC so that it not only contains the terminal for transshipment but also the ports of call of the connecting vessel. Add new qualifiers

+ Write the DMR and submit to UN/CEFACT accordingly

TO DO LIST

<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____

IFTSAI Message – Working Group To Do

→ → Timeline

1. SMDG Meeting in Genoa 14.3.2017

- Workgroup members familiarize with the status quo and with the to do list.
- Obtain new ideas from working group: Are there more use cases? What else needs to be changed or enhanced in the MIG?
- Are there more new requirements to the IFTSAI message?
- **→ Assign the tasks: Who does the work? ←**

2. Before next SMDG Meeting

- Align the work on the MIG via mail or case need conf.call and finally
→ publish the MIG.
- Create new DMR for the new requirement “connecting vessels”
Ask working group for approval
Submit to UN/CEFACT for approval preferably for D.17B

