

IFTSAI Vessel Schedule Message

70th SMDG Meeting in St. Petersburg

27 September 2017



Hapag-Lloyd

IFTSAI Message – SMDG working Group

Members of the SMDG Working Group IFTSAI

- Michael Schröder (chair)
- Marc Jordens, Hamburg Süd
- Patrick Straka (Maersk Line)
- Bruis van Driel (SMDG/AMPT)
- Boudewijn de Kievit (ECT Rotterdam)
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- Sönke Witt (HHLA Hamburg)

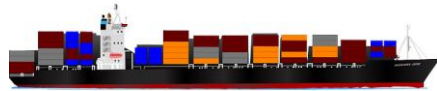


IFTSAI Message content

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

Receiver	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 structure and MIG – current status September 2017

Where we are - urgent need to publish new MIG by the SMDG

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 MIG on SMDG website is outdated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The .sef file is only for EDISIM developers and a .sef file should not be published at all on the SMDG website.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 was approved by UN/CEFACT 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). Approval from UN/CEFACT expected for D.17B and they should also be included in the MIG.



IFTSAI enhancements added on D.13B

Business request came from ECT Rotterdam terminal

1. Add Partner Lines (Co-Loaders)

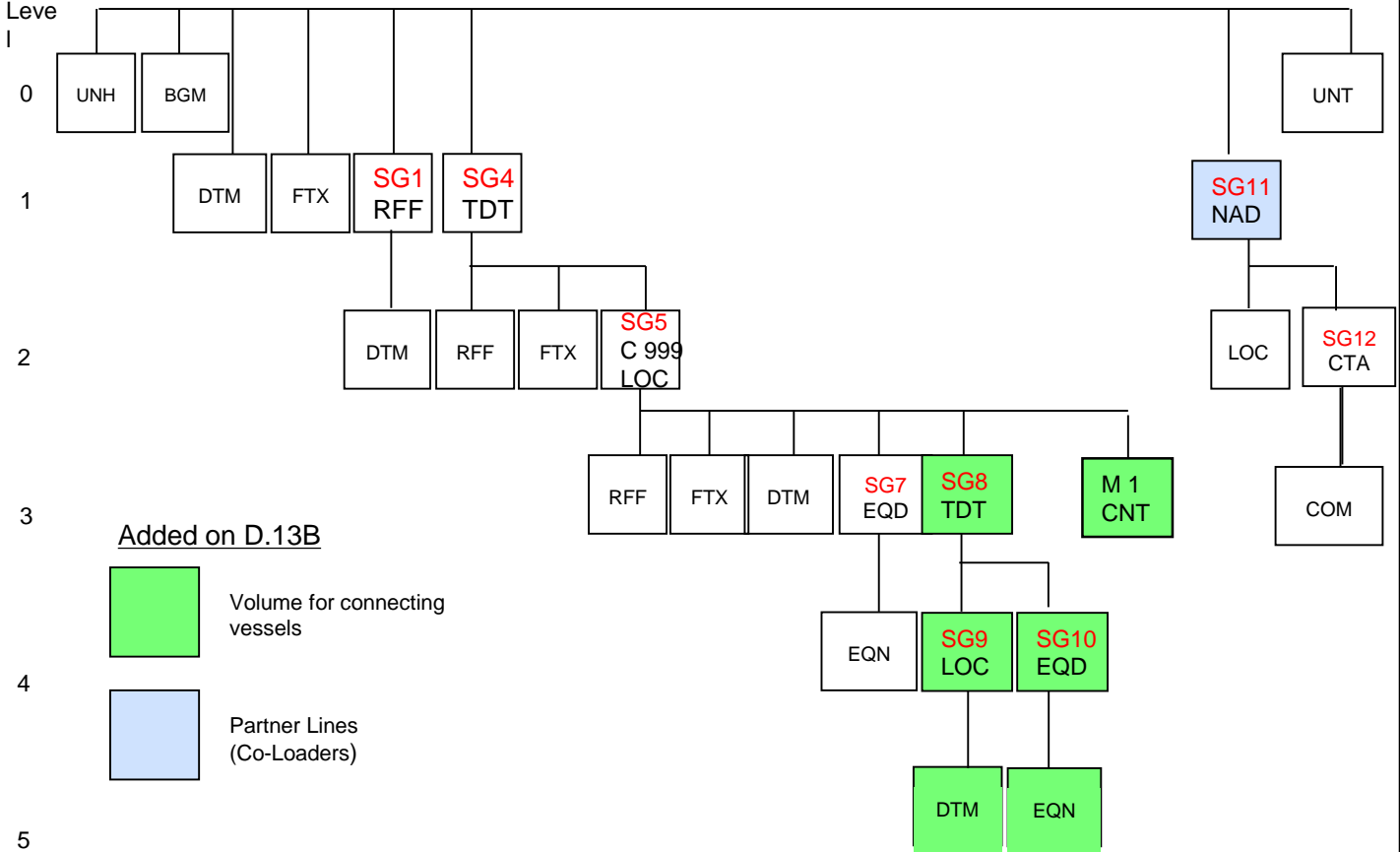
The Vessel Operator should mention the Co-Loaders (Partner Lines) that will book cargo on the vessel, and also the voyage number for each Partner Line.

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.

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

IFTSAI New version D.13B



Added on D.13B

- Volume for connecting vessels
- Partner Lines (Co-Loaders)

IFTSAI enhancements added on D.13B

Business request came from ECT Rotterdam

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

```
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-----++
```


Six DMRs for cut-off date in DTM/de2005 approved

This request was submitted by the SMDG and published by UN/CEFACT in D.17A directory

Use Case	Description	Currently used	SMDG IFTSAI recommended	Qualifier in DTM/2005
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	810 (new)
Reefer cut-off	Date on which the acceptance of new operational reefer containers will be stopped at this location.	- / -	N / A	813 (new)
FCL cut-off	Date on which the acceptance of new FCL- containers will be stopped at this location.	180	180	814 (new)
DG cut-off	Date on which the acceptance of new DG-cargo will be stopped at this location	- / -	50 and 262	811 (new)
OOG/BB cut-off	Date on which the acceptance of new OOG- and Break Bulk cargo will be stopped at this location	- / -	262	812 (new)
Transshipment cut-off	Date after which no more bookings for transshipment cargo will be accepted for re-loading on a particular vessel.	- / -	N / A	815 (new)
LCL cut-off	Date on which the acceptance of new LCL- containers will be stopped at this location.	411	262	Use 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	Use 407 in the IFTSAI MIG

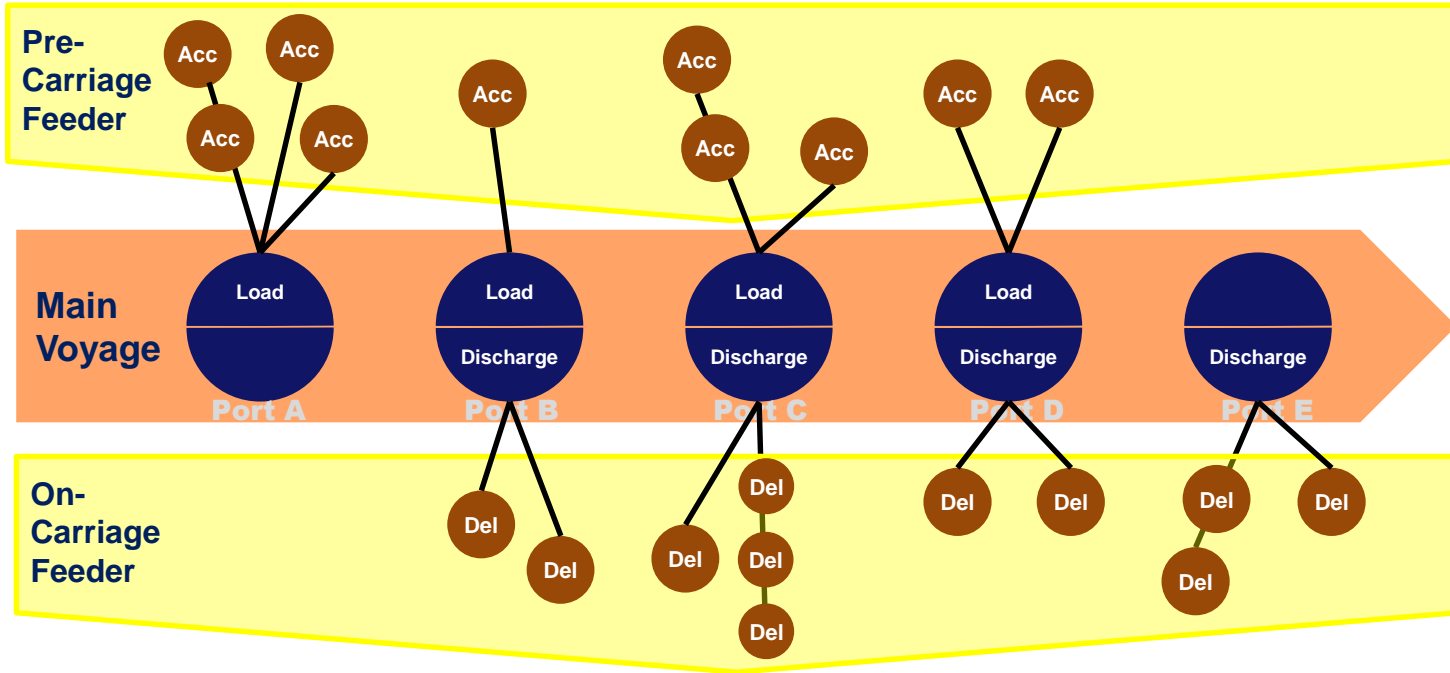
The new qualifiers were published in D.17A

They can be used in IFTSAI and IFTMBC messages

They should be included in the new IFTSAI MIG

IFTSAI: Transshipment Voyage Schedule

Connecting feeder voyages



IFTSAI Message – New requirement

New request: Connecting feeder voyages

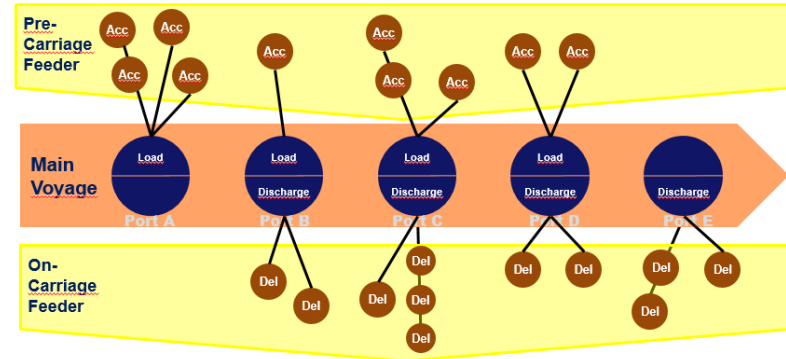
To include connecting vessels for both precarriage and oncarriage, with their vessel/voyage/ports/ETD resp ETA (request from Hapag-Lloyd).

New DMR was submitted to UN/CEFACT on 20 July 2017:

Increase the cardinality of SG8.TDT and SG9.LOC and SG9.DTM from '9' to '999' so that multiple connecting vessels, each with multiple ports, can be transmitted. Publication in D.17B expected.

In the MIG

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



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.

Similar to the VERMAS MIG.

3. Include the new qualifiers for cut-off dates

As published in D.17A

4. Include the new cardinalities for connecting vessels

As will be published in D.17B

5. Publish the MIG on SMDG website based on D.17B

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

→ → Timeline

1. SMDG Meeting in St. Petersburg 27.9.2017

- 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.18A

