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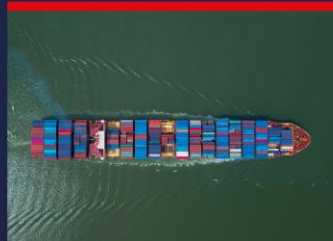
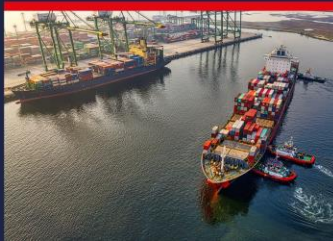
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Port visit Rdam

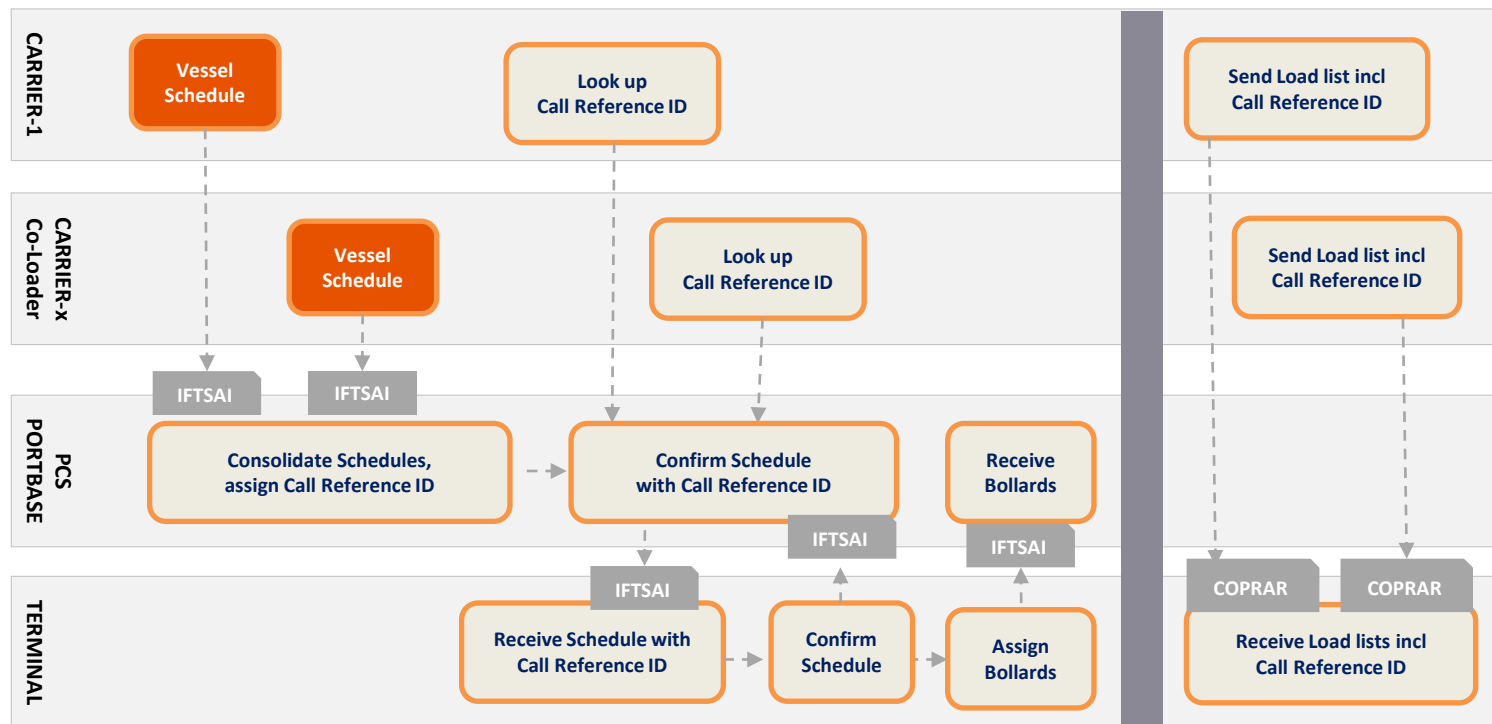
Robèrt Roestenburg



IFTSAI new process in Rotterdam Port



Process including transmission of bollards



Port visit Rotterdam



portbase Port Visit Robert Roestenburg

Visits New visit Commercial Releases News Support Report issue

Apr 06, 2023 - Apr 20, 2023 Search by CRN, vessel, port or client reference Own calls only

Planned		
Red Sea 123	Rotterdam, Thu 20 Apr 2023, 12:15	
Stolt Alm	Rotterdam, Today, 16:00	
Msc Kim	Rotterdam, Sat 8 Apr 2023, 11:00	
Ever Alliance	Rotterdam, Fri 7 Apr 2023, 12:00	
Leverkusen Express	Rotterdam, Fri 7 Apr 2023, 11:15	
Ramon Llull	Rotterdam, Thu 6 Apr 2023, 20:30	
Expected		
Arrived		
Wilcox	Zuiderzeehaven, IJssel Delta Terminal, Wed 29 Mar 2023, 13:00	
Msc Hina	Amaliah Apm Dsq, Thu 6 Apr 2023, 17:30	
Msc Virgo	Lage Licht, Fri 7 Apr 2023, 17:45	
Vuoksi Maersk	Amaliah Apm Dsq, Sat 8 Apr 2023, 13:15	
Ls Anne	Lage Licht, Sun 30 Apr 2023, 12:00	
Clear Sky	Lage Licht, Sun 30 Apr 2023, 12:00	
Xing Hai Wan	3e Pet Vopak 3	
Departed		
Cancelled		

Port visit Rotterdam



portbase | Port Visit

Visits | New visit | Commercial Releases

DETAILS

Vessel * ATLANTIS A – 9354375

Port of Call * Rotterdam

Location * Sea buoy (Maascenter)

ETA * 19-04-2023 02:00

Terminal planning? * Yes No

Port visit Rotterdam



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Visits New visit Commercial Releases News Support Report issue

Atlantis A NLRTM23900727 Save and send

Previous ports

Location *	Arrival	Departure *
<input type="text" value="Find port"/>	<input type="text" value="dd-mm-yyyy"/> <input type="text" value="hh:mm"/>	<input type="text" value="dd-mm-yyyy"/> <input type="text" value="hh:mm"/>

Add Port

General information

Port arrival

19 Apr 02:00 ETA

Intention *	<input type="text" value="Request for entry"/>	Planning based on *	<input type="text"/>
Pilot boarding place *	<input type="text" value="- Select a pilot boarding place -"/>	Entry point *	<input type="text" value="- Select entry point -"/>
ETA pilot boarding place *	<input type="text" value="dd-mm-yyyy"/> <input type="text" value="hh:mm"/>	Carrier *	<input type="text"/>
ETA sea buoy *	<input type="text" value="19-04-2023"/> <input type="text" value="02:00"/>	Carrier customs id *	<input type="text"/>
		Voyage number	<input type="text"/>

Order

New Berth Visit Order

Port departure



Next ports

Vessel name:
ATLANTIS A
Imo code:
9354375
Summer dead weight:
11435 kg
Maximum width:
22.5 meter
Full length:
134.44 meter
Gross tonnage:
9962
Net tonnage:
6006

Port visit Rotterdam









 **Atlantis A**
NLRTM23900727 

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Previous ports


Location * 	Arrival	Departure *
 Find port <input type="text"/> 	dd-mm-yyyy  hh:mm	dd-mm-yyyy  hh:mm 

Add Port



Port visit Rotterdam




 **Atlantis A**
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       More ▾

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Previous ports >

 General information ▾

Loading DG * Yes No

Discharge DG * Yes No

Transit DG * Yes No

Requires inspection * Yes No

Client reference


Vessel's email address






Defects



Port visit Rotterdam




 **Atlantis A**
NLRTM23900727

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Previous ports >

 General information >

19 Apr 02:00 ETA 






Port arrival ▾

Intention *	<input type="text" value="Request for entry"/>	Planning based on *	<input type="text"/>
Pilot boarding place *	<input type="text" value="- Select a pilot boarding place -"/>	Entry point *	<input type="text" value="- Select entry point -"/>
ETA pilot boarding place *	<input type="text" value="dd-mm-yyyy"/>  <input type="text" value="hh:mm"/>	Carrier *	<input type="text"/> 
ETA sea buoy *	<input type="text" value="19-04-2023"/>  <input type="text" value="02:00"/>	Carrier customs id *	<input type="text"/>
		Voyage number	<input type="text"/>




Port visit Rotterdam



 **Atlantis A**
NLRM23900727

       More ▾


Save and send ▾







19 Apr 02:00 ETA 
[Order](#)


Previous ports >

General information >

Port arrival >

 >

Vessel draft *	<input type="text"/> m	Cargo *	<input type="text"/> ▾	Email 	<input type="text"/>
Vessel master *	<input type="text"/>	PEC holder 	<input type="text"/> 🔍	Phone 	<input type="text"/>
Crew *	<input type="text"/> person(s)	PEC number 	<input type="text"/>		
Passengers *	<input type="text"/> person(s)	Off standard dimensions	<input type="text"/> m		


Pilot * <input type="radio"/> Yes <input type="radio"/> No	Tugboat *  <input type="radio"/> Yes <input type="radio"/> No	Boatmen * <input type="radio"/> Yes <input type="radio"/> No
--	--	--


[Copy movement](#) [Copy nautical services](#) [Order Movement](#)




Port visit Rotterdam





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NLRTM23900727


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 Previous ports

 General information

19 Apr 02:00 ETA  Port arrival

 Order

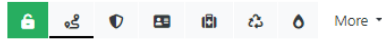
 New Berth Visit

Previous ports	>		
General information	>		
Port arrival	>		
	>		
New Berth Visit	∨		
Berth *	<input type="text" value="Find berth or buoy"/> 	Mooring *	<input type="text"/>
Bollards	from <input type="text"/> to <input type="text"/>	Visit purpose *	
ETA	<input type="text" value="dd-mm-yyyy"/>  <input type="text" value="hh:mm"/>	Remarks	<input type="text"/>
ETD	<input type="text" value="dd-mm-yyyy"/>  <input type="text" value="hh:mm"/>		

Port visit Rotterdam



Atlantis A
NLR7M23900727



Save and send

19 Apr 02:00 ETA

Order

Order

Previous ports >

General information >

Port arrival >

Order >

New Berth Visit >

Order >

Vessel draft m Cargo Email

Vessel master PEC holder Phone

Crew person(s) PEC number

Passengers person(s) Off standard dimensions m

Pilot Yes No Tugboat Yes No Boatmen Yes No

Order Movement




Port visit Rotterdam






 **Atlantis A**
NLRTM23900727


       More ▾


Save and send ▾


 Previous ports >


  General information >


19 Apr 02:00 ETA  **Port arrival** >

 Order >

 **New Berth Visit** >

 Order >

 **Port departure** ▾

Exit point *	<input type="text" value="- Select exit point -"/>	Carrier	<input type="text"/>
ETD port *	<input type="text" value="dd-mm-yyyy"/>  <input type="text" value="hh:mm"/>	Carrier customs id	<input type="text"/>
		Voyage number	<input type="text"/>



Port visit Rotterdam



Atlantis A NLRM23900727

Save and send

- Previous ports
- General information
- 19 Apr 02:00 ETA **Port arrival**
- Order
- New Berth Visit
- Order
- Port departure
- Next ports

Location *	Arrival * <small>!</small>	Departure	Customs office
<input type="text" value="Find port"/>	<input type="text" value="dd-mm-yyyy"/>	<input type="text" value="hh:mm"/>	<input type="text" value="dd-mm-yyyy"/>

Add Port



Port visit Rotterdam



portbase | Port Visit

Visits | New visit | Commercial Releases

DETAILS

Vessel *

Port of Call *

Location *

ETA *

Terminal planning? * Yes No

Port visit Rotterdam



Atlantis A
NLRTM23900728

More

Save and send

General information

Voyage number: 001414E Vessel *: ATLANTIS A – 9354375

Carrier *: X-Press Container Line (UK) LTD - DE277403241 Carrier smdg code *: XCL

19 Apr 02:00 ETA

Rotterdam World Gateway (Rwg) ← 258 → 247 Terminal

Stevedore *: Rotterdam World Gateway (RWG) Discharge *: 258

Vessel service: ARR FEEDER - ARRC EuroServices Line Load *: 247

ETA Berth *: 19-04-2023 02:00 Restow *: 32

ETD Berth *: 19-04-2023 23:00 Operator remarks: fixed window

Port departure

Voyage number: 001414W

19 Apr 02:00 ETA
19 Apr 23:00 ETD

Rotterdam World Gateway (Rwg)

21h

← 258

→ 247

Terminal

Port visit Rotterdam



EDI Batch Inspector for 233638097

EDI Batch Monitor
Batch Number: 233638097

Batch Details
Status: MAPPED
Interchange: 201427998
Transactions: 1
Segments: 28
Created: 13Apr2023 14:18:00
Reprocess Count: 0

Configuration
Direction: Receive
Session Class: VESSEL SCHEDULE
Partner: NLRTPMCSI
Session: PCS_IFTSAI_IN
Message Map: RWG_IFTSAI_IN

Actions

Processes

Segments

Sequence	Status	Segment
1	load	UNA:+.3'
2	load	UNB-UNOC2-NLRTPMCSI+RWGED+230413:1416-201427998'
3	classify	UNH+201427998-IFTSAI:013B:UN:SMDG30'
4	classify	BGM+404+201427998+9'
5	classify	DTM+137:202304131416:203'
6	classify	TDT+20+001414W+1+11+XCL::X-Press Container Line (UK) LTD++9354375:11:ATLANTIS A-CY'
7	classify	RFF+VM:50175'
8	classify	RFF+VON:001414E'
9	classify	RFF+ANR:3000232'
10	classify	RFF+CRN:NLRM23900728'
11	classify	FTX+ALY++ARR FEEDER+ARRC EuroServices Line'
12	classify	FTX+AAI++fixed window'
13	classify	LOC+153-NLRM:6-RWG'
14	classify	DTM+132:202304190200:203'
15	classify	DTM+133:202304192300:203'
16	classify	DTM+232:203'
17	classify	DTM+189:203'
18	classify	EQD+CN++++11+6'
19	classify	EQN+258'
20	classify	EQD+CN++++22+6'
21	classify	EQN+247'
22	classify	EQD+CN++++5+6'
23	classify	EQN+22'
24	classify	CNT+537'
25	classify	NAD+CA+XCL:ZZZ'
26	classify	CTA+AG+CROSSOCEANRTM'
27	classify	UNT+25+201427998'
28	load	UNZ-1+201427998'

Batches Vessel Visits

Actions **Display**

Visit	Facility	Created Date/Time	IFTSAI Source	Line	Vessel Name	Vessel Class	I/B Vyg	O/B Vyg	Phase	ETA	ETD	Estimates Load	Estimates Discharge
FARA1163	RWG	13Apr2023 14:19:26	PCS	XCL	Ara Atlantis	FARA	001414E	001414W	Inbound	19Apr2023 02:00:00	19Apr2023 23:00:00	247	258

Vessel Inspector for FARA1163

Vessel Name: Ara Atlantis
O/B Vyg: 001414W

Visit: FARA1163
Service: 1
Line: XCL
I/B Vyg: 001414E
O/B Vyg: 001414W
Estimates Load: 247
Estimates Discharge: 258
Call Reference Number: NLRM23900728

DC Notes:

OPS Notes:
Cut-off:
Baplie:
IFTSAI Source: PCS
Latest Msg Sent:
Vvd Changed: 13Apr2023 14:19:26

Status: Visit Phase: Inbound
Facility: RWG
Est. Time of Arrival: 19Apr2023 02:00:00
Est. Time of Depart: 19Apr2023 23:00:00
Classification: Feeder

Advance Vessel Visit FARA1163

Visit Ref: FARA1163
Visit Phase: Inbound

Est. Time of Arrival:	19-04-2023	02:00
Est. Time of Depart:	19-04-2023	23:00
Act. Time of Arrival:		
Time Start Work:		
Time End Work:		
Act. Time of Depart:		
Estimates Load:	247	
Estimates Discharge:	258	
Call Reference Number:	NLRM23900728	

Data Control Notes:

Edit Berthings

Sequence: 1
Quay: DS
Side To: Starboard

Berth Exit Time:	
Berth ETA:	19-04-2023 02:00
Berth ETD:	19-04-2023 23:00
Berth ATA:	
Berth ATD:	
Start Work Time:	
Stop Work Time:	
Bollard Aft:	BM034
Bollard Fore:	BM042
Offset to Bollard Aft:	-1
Offset to Bollard Fore:	1
Distance from Dock (cm):	
Draft Forward, Arrival (cm):	
Draft Forward, Departure (cm):	
Draft Aft, Arrival (cm):	
Draft Aft, Departure (cm):	
Call Remarks:	

Berthings

Seq	Quay	Berth Exit	Side To	Berth ETA	Berth ETD
1	DS		Starboard	19Apr2023 02:00:00	19Apr2023 23:00:00

Actions **Display**

Big Discrepancies
Cargo Lots
Cranes
Details
Disch.list Discrepancies
History, Events
Holds/Perms

Batch Number	Created	Direction	Status	Session Name	Session Class	Interchange Partner Nm	Batch Carrier Visit
233638097	13Apr2023 14:18:00	Receive	COMPLETE	PCS_IFTSAI_IN	VESSEL SCHEDULE	NLRTPMCSI	FARA1163



Thank You

Presented by: Robèrt Roestenburg

SMDG e.V.

Registered at Amtsgericht Pinneberg, Reg.-ID VR 2142 PI

Board members: Bruis van Driel (chair), Jost Müller (treasurer), Ann-Christin Fröhmkke, Shin Shin Lung, Tamme Bohlen, Mark Lim, Michael Schröder, Julien Vangeon, Sönke Witt & Paul Wauters

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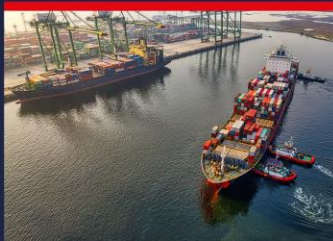
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Vessel Schedule Exchange

77th SMDG Meeting in Singapore



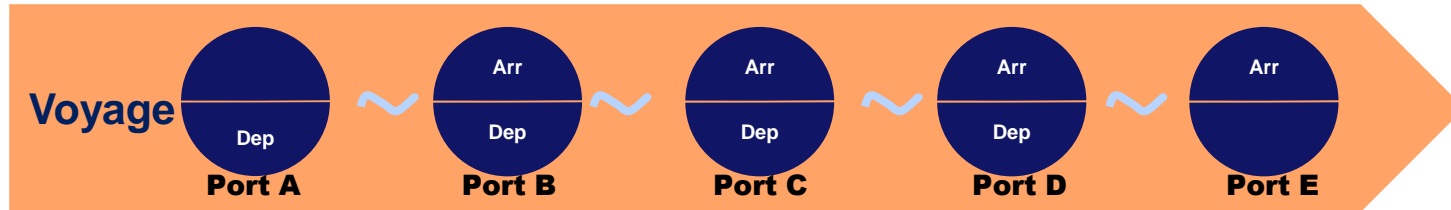
IFTSAI Edifact Message for vessel schedule exchange

A simple message, on first sight



The IFTSAI can transmit a vessel schedule:

- **For the vessel:** Vessel name, Vessel ID, Voyage number
- **For each port of call:** Port and terminal code, ETA, ETD, cut-off times
➔ Is that sufficient?



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 → see details later	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
PCS (Port Community System)	All voyages that are calling <u>this port</u> , with previous and next ports.	The PCS is likely to forward the IFTSAI to other parties
Portal e.g. bigschedules.com	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.	

IFTSAI current status April 2023

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



MIG on SMDG website is outdated

It was published in 2004, 15 years ago.

The following enhancements were approved by SMDG in the meantime:

1. Enhancements added on D.13B

- Include possible feeder connections
- Add Partner Lines (Co-Loaders)

2. Enhancements added on D.17A

- new qualifiers for cut-off times in the DTM

3. Enhancements added on D.17B

- include connecting vessels for both precarriage and oncarriage, with their vessel/voyage/ports/ETD resp ETA

4. Enhancements added on D.18A

- Two new qualifiers in the DTM for “estimated arrival at Pilot” and “actual arrival at Pilot”

5. Enhancements added on D.19B

- Reporting the “Transport Service Code” in the TDT segment.

6. Enhancement usage agreed in 2019

- Transmit the bollards to identify exact vessel position at the berth.



Vessel Schedule Exchange



- The **SMDG** maintains the IFTSAI as an Edifact message and keeps it updated based on business needs



- The **DCSA** is developing an API for OVS Operational Vessel Schedule. API as a more modern technology allows direct system-to-system communication. Their API OVS 3.0 is published on Swaggerhub:
https://app.swaggerhub.com/apis/dcsaorg/DCSA_OVS/3.0.0-Beta-2



- In addition, DCSA is developing a USR Universal Service Reference which the carriers will start implementing

- The underlying operational business processes are widely the same! Both communication formats can benefit from the **business requirements analysis**.
- At the last SMDG meeting in 2022 we collected the requirements and pain points on schedule exchange from terminal, mainliner and feeder. See summary on next pages.
→ Any updates and contributions from the audience are welcome! ←
- SMDG has looped back the comments back to the DCSA, which was well received

Requirements on Vessel Schedule Exchange Summary from last meeting on next pages



1. IFTSAI EDI message or API
2. Push or Pull
3. Time Frame and Frequency of vessel schedule exchange
4. Scope of Ports
5. Long-term versus coastal schedule
6. Data Elements

1. IFTSAI EDI message or API? 1/2



Do you prefer to continue using the IFTSAI message? Or would you switch to the API when available?
Which benefits do you see?

Party	IFTSAI	API
RWG	First focus is on IFTSAI. At this moment RWG has no external API connections. Perhaps in a later stage an API connection will/can be realized for connect to Portbase.	
ECT	ECT will support both EDI or API, depending on carrier's requirement, they have no particular preference. Today, they are checking carrier and other terminal websites daily and also checking emails from main liners.	
HHLA	No IFTSAI usage at this moment. Depended on requirement analysis.	Will head for API
Eurogate	Looking in to it API has advances but both will be investigated which is more requested that path will be chosen don't want to do both one standard	
PSA	IFTSAI was implemented 10 years ago so if IFTSAI is offered we are happy to implement it. If API will also be there it will be used too	Security is seivre
ZIM	IFTSAI for partners they send not inbound, all data is currently input manually, ZIM starting a project for API	

1. IFTSAI message or API? 2/2



Do you prefer to continue using the IFTSAI message? Or would you switch to the API when available?
Which benefits do you see?

Party	IFTSAI	API
MSK	Use of DCSA API for sending out. Looking into 2 pilots. Push is preferred	
CMA	IFTSAI to some receivers. Acting on API usage for multiple topics. API experience is positive, looking to increase API	
HLC	Currently IFTSAI, use of schedule API is planned as from end 2023	
Kuhne and Nagel	Use IFTSAI on daily basis as a receiver	API is nice but capacity will be huge
Unifeeder	Have no own preference. Will follow the requests from partners, terminals or mainliners	
X-Press Feeder	Prefer API	

2. Push or Pull?



Push means that the sender starts the schedule transmission at his discretion.
IFTSAI / Edifact is always Push.

For an API, precondition for Push is that the receiver subscribes to the changes that he wishes to receive.

Pull means that the receiver starts the schedule transmission.

→ Where do you see the benefits?

Party	Requirement
RWG	Believe that Push or Pull (where pull called listen API I believe) are dependent on inbound(receive) or outbound(send) data. Listen gives you the opportunity to collect data with you own set of requirements in the give API query
ECT	PUSH is usually easier to implement. The main additional benefit of PULL is that issues are easier to signal/trace from our side. We have no strong preference.
HHLA	We cannot answer that at this point for sure. We assume an initial push and then, as needed, pull
Eurogate	Terminal wants always PUSH to receive the latest vessel schedule from the carriers
PSA Antwerp	Clear preference for PUSH
ZIM	Start with PUSH to partners later investigating push there system is designed for both

3. Time frame and frequency



How long in advance would you need the vessel schedule?
In what update frequency?

Party	Requirement
RWG	
ECT	3 months in advance for processing COPARN. Characteristics of the updates (frequency) are different when vessel is in the coastal range of the terminal (in our case Hamburg Le Havre range Preference: Update once a day when vessel is outside Hamburg-Le Havre scope. Updates should be intensified when vessel is in Hamburg Le Havre scope (6 updates a day). Is depended on pull or push
HHLA	As soon as voyage is created for a vessel that will call at the terminal + every change
Eurogate	3 months is good time range. Prefer Push from carrier when they have created their schedule. Suggestion by ECT is good
PSA ANR	I think bookings can arrive 6 weeks in advance: we need the vessel call registration in our system, before we receive the first booking. Update frequency: to be discussed.
KN	Daily check over the entire voyage for all services and all ports from booking party

4. Scope of ports



- Would you require schedule data only for your own port+terminal?
- Or should the previous port always be included?
- Or would you always need the whole coastal voyage?
- Or always the whole voyage from the schedule including oversea ports?

Party	Requirement
RWG	
ECT	The whole rotation can be reported. Clearly always including the previous port.
HHLA	please include everything
Eurogate	Need own port and previous port and next port ! More ports are nice to have
PSA ANR	For PSA Antwerp, in principal, we don't need the schedule of the other terminals (it could be handy for Inter terminal transshipment) This would cause some overhead of data we have to drop) You could send to Terminal holdings – who can the deliver.

5. Long-term versus coastal schedule



Long-term schedule is published some months in advance, based on proforma schedule for a Service. It contains the full round voyage(s).

Coastal schedule is updated on short-term and contains only the ports of the current Region of one voyage.

Do you have different requirements for long term schedule versus coastal schedule?

How do you link the different schedules?

Party	Requirement
RWG	
ECT	Long term schedule should contain all vessels within a service Coastal schedule is about one voyage (with at least previous and next port).
HHLA	If apart from the vessel operator the vessel sharing partners are sending a schedule as well, there needs to be a link or a reference between theses schedules (perhaps the vessel operator's voyage no.) because otherwise these schedules cannot be linked to one another.
Eurogate	Terminal does not differentiate between long-term and coastal schedule > please send each update as soon as available Feeder schedules should also be covered !

6.1 Data Elements



Which data elements do you need for each port call? Assumption:

Always= Vessel name + IMO + vessel operator + voyage numbers in/out + ETA+ETB+ETD

Question: Expected move vount + Cut-offs + delay reason/status code + remarks

Party	Requirement
ECT	Would it be possible to include the <u>vessel service (code)</u> and the <u>callsize</u> ? The service is very important for the vessel to be planned in the right window.
HHLA	Must have: Vessel Operator's voyage number and Partner Line / Co-Loader's voyage number
Eurogate	need to know the different voyage numbers for each partner line! Need delay reason codes ! Cut-off is nice to have

6.2 Data Elements



Which data elements do you need for each port call?

Party	Requirement
RWG	Function create, update, cancel CarrierService/codename VesselType (deepsea/feeder) Vessel id/callsign Operator(s)-multiple if sharing parties are involved Voyage number Inbound/Outbound from Vessel operator / Line operator(s) Call Reference number LOC ETA LOC ETD <u>Optional:</u> Expected number of Load/Discharge moves / Call size? Delay reason

6.3 Data Elements



Which data elements do you need for each port call? Assumption:

Always= Vessel name + IMO + vessel operator + voyage numbers in/out + ETA+ETB+ETD

Question: Cut-offs + delay reason/status code + remarks

Party	Requirement
PSA Antwerp	<p><u>To create a call in our systems: We need the minimum:</u></p> <p>Vessel operator coded (validated) Vessel name IMO/callSign coded (validated) Voyage IN coded Service IN coded (if voyage in is present, then service in must also be present) (validated) Voyage OUT coded Service OUT coded (if voyage out is present, then service out must also be present) (validated) ETA <u>Optional</u> ETD</p> <p>In our master data the attended ports are linked to the service which is linked to the call.</p> <p>We also have the entity 'alternative' voyage which is the (different) voyage number of the VSA partner (Shipping Line/container operator+Agent). All the VSA partner voyages must be linked to the main call.</p>



Thank You

Presented by:

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SMDG e.V.

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