

Terminal Performance Reporting

TPFREP version 4.1



71st SMDG Meeting in Paris

11 April 2018



Hapag-Lloyd

TPFREP Message – SMDG working Group

Work Group Members

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TPFREP Changes for next version 4.1

- New qualifiers needed, but no changes in message structure
- New qualifiers to be published in D.18A repository by UN/CEFACT
- New TPFREP – MIG version 4.1 to be published by SMDG in Q4.2018

**SMDG Meeting in
St.Petersburg
27.09.2017**

Decision on Changes

The SMDG decided on the enhancements that will be in the next TPFREP version 4.1.
All changes are explained in detail on next slides.

07.02.2018

Detail the Edifact solutions

The DMRs were submitted by the chairman to UN/CEFACT for approval

**SMDG Meeting
April 2018**

Explain the Edifact solutions and the DMRs

04.2018 to 09.2018

UN/CEFACT approval expected in April + publication until June 2018.
>> Develop the new MIG for TPFREP 4.1 <<

TPFREP Changes for next version 4.1

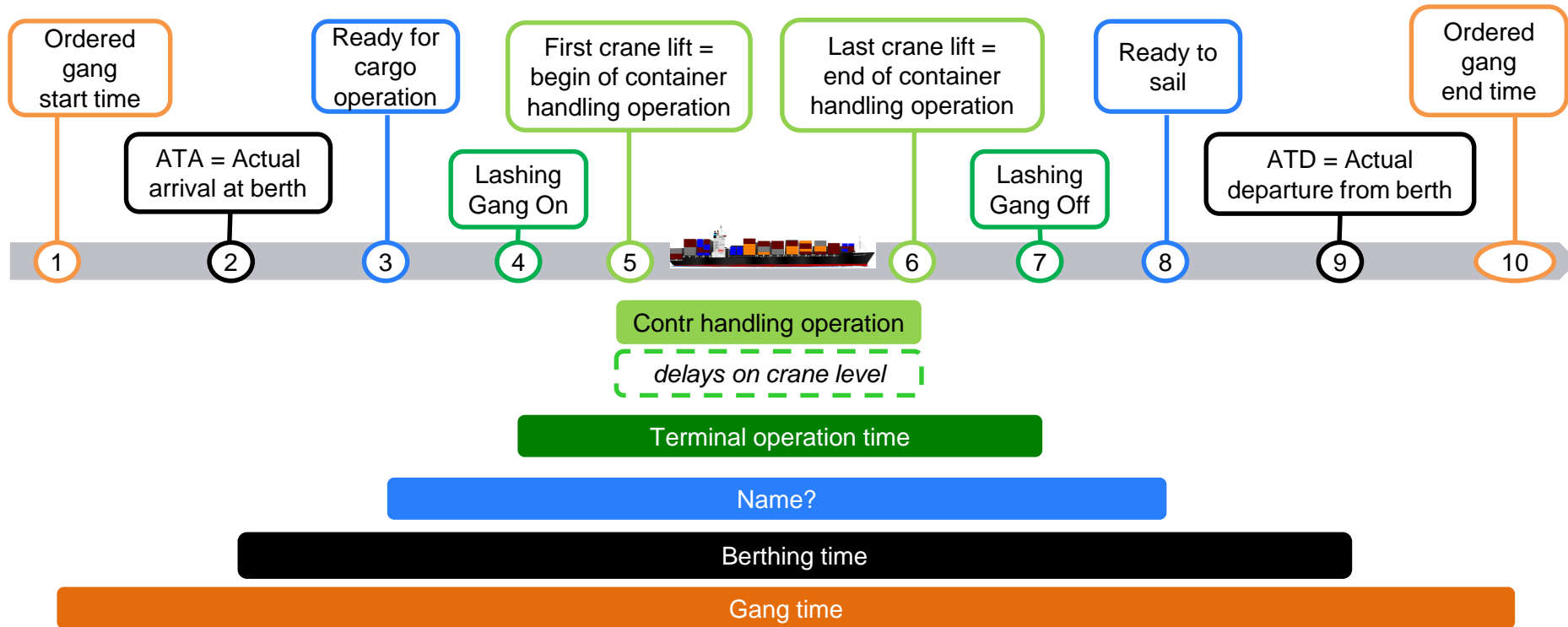
Summary

Requirement	Description
1. Identify TPFREP Light	Add new qualifier to BGM.de1001. DMR submitted
2. BGM function codes	Allow only: 1–Cancellation and 5–Replace and 9–Original
3. Vessel Timesheet	New codes for <i>Ordered gang start/end time</i> and for <i>Ready for cargo operation / Ready to sail</i> 4 DMRs submitted
4. Landside power supply	Add new qualifier for power generator DMR submitted
5. Crane hours in overtime	Add new optional qualifier '504' to SG3/DTM/C507.2005 (crane section)
6. Reporting of Lashing Equipment	Add new qualifier for Lashing Equipment to SG3/QTY/C186.6063 DMR submitted
7. Separately report DG, OOG and Reefer containers	Add 3 new qualifiers DG, RFRDG and OOGDG (SMDG internal codes)
8. Generic container size type	Replace 20FT by 2%% and 40FT by 4%% etc in the MIG
9. Type of Move for Cabotage	Add 2 new qualifiers CTD and CTL (SMDG internal codes)
10. Restow Reasons	Already covered by existing codes TDL and TSH for Terminal Convenience restows. Better explanation in the MIG needed.

Requirement	Decision SMDG
1. Identify TPFREP Light (if the message contains only the volumes for one carrier and not the total moves)	<p><i>Decision:</i> Add new qualifier to BGM/de1001 for “<u>Partial</u> transport equipment movement report”</p> <p>Currently only code 265 used for “transport equipment movement report” DMR submitted!</p>
2. BGM function codes	<p>Allow only following values:</p> <ul style="list-style-type: none">1 – Cancellation5 – Replace9 – Original

TPFREP Changes for next version 4.1

Vessel time sheet, new events



TPFREP Changes for next version 4.1

Detail

3. Vessel time sheet, event reporting - see illustration on next slide.

Use Case	Description	DTM Qualifier	Decision SMDG 70 th Meeting
1. Ordered gang start time	Starting time when working gangs are ordered by the vessel operator	new	Request for 2 new codes 2 DMRs submitted
10. Ordered gang end time	End time until when working gangs are ordered by the vessel operator	new	
2. Arrival berth	Actual vessel arrival = first line ashore	178	no action, already in MIG
9. Sailing time	Actual vessel departure = last line let go	186	
3. Ready for cargo operation	Readiness for cargo operations as reported by the vessel to the terminal	new	Request for 2 new codes 2 DMRs submitted
8. Ready to sail	Outbound clearance, vessel reports to be ready to sail	new	
4. Lashing Gangs On	Begin of terminal operation	269	Codes remain in MIG with wording "Lashing Gangs On/Off"
7. Lashing Gangs Off	End of terminal operation	413	
5. First lift	First crane lift = first move	78	No need to change. First and last crane move are already in SG3/DTM on single crane level.
6. Last lift	Last crane lift = last move	same 78	

Requirement	Decision SMDG												
<p>4. Landside power supply To report start+end date+time and amount of power (kWh) provided by the terminal.</p>	<p>Add new qualifier for “Landside power generator” to SG2/EQD/de8053 (currently used for type of crane). DMR submitted!</p> <p>Example: EDQ+generator+G1’ DTM+78:201808291930-201808300200:719’ QTY+220:20000:KWH’</p> <p>Usage of QTY.C186:</p> <table border="0"><tr><td>6083</td><td>Quantity type code qualifier</td><td>220</td><td>- Meter reading. The numeric value...</td></tr><tr><td>6060</td><td>Quantity</td><td></td><td></td></tr><tr><td>6411</td><td>Measurement unit code</td><td>KWH</td><td>- kilowatt hour</td></tr></table> <p>→ Which terminal would be a pilot candidate?</p>	6083	Quantity type code qualifier	220	- Meter reading. The numeric value...	6060	Quantity			6411	Measurement unit code	KWH	- kilowatt hour
6083	Quantity type code qualifier	220	- Meter reading. The numeric value...										
6060	Quantity												
6411	Measurement unit code	KWH	- kilowatt hour										
<p>5. Crane Hours in Overtime Report crane hours in overtime, amount of boxes in overtime, type + reason for overtime, responsible partner for overtime</p>	<p>Add optional qualifier ‘504’ to SG3/DTM/C507.2005 (existing qualifier) That new code denotes the crane working time and the number of moves are reported as Overtime. Type + reason + responsible party for overtime cannot be reported.</p>												

Requirement	Decision SMDG																		
<p>6. Reporting of Lashing Equipment To report additional crane moves for Lashing Material (synonyms: Twistlock Boxes / Gear Bins / lashing bars)</p>	<p>Add new qualifier for Lashing Equipment to SG3/QTY/C186.6063 (volume by crane, same level as hatch cover moves). DMR submitted!</p>																		
<p>7. Separately report DG, OOG and Reefer containers. (no temperature settings and no DG details/IMDG class to be reported!)</p>	<p>Add new qualifiers for DG in SG5/EQD/de8154 (volume by operator)</p> <table data-bbox="614 623 1170 852"> <tr> <td>STD</td> <td>- Standard</td> <td>existing</td> </tr> <tr> <td>RFR</td> <td>- Active Reefer</td> <td>existing</td> </tr> <tr> <td>OOG</td> <td>- OOG</td> <td>existing</td> </tr> <tr> <td>DG</td> <td>- DG</td> <td>new</td> </tr> <tr> <td>RFRDG</td> <td>- Reefer DG</td> <td>new</td> </tr> <tr> <td>OOGDG</td> <td>- OOG DG</td> <td>new</td> </tr> </table> <p>These are SMDG internal codes, no DMR needed.</p>	STD	- Standard	existing	RFR	- Active Reefer	existing	OOG	- OOG	existing	DG	- DG	new	RFRDG	- Reefer DG	new	OOGDG	- OOG DG	new
STD	- Standard	existing																	
RFR	- Active Reefer	existing																	
OOG	- OOG	existing																	
DG	- DG	new																	
RFRDG	- Reefer DG	new																	
OOGDG	- OOG DG	new																	

Requirement	Decision SMDG
8. Generic container Size Type	<p>Align container size-type reporting with SMDG standard: In SG5/EQD/C224.8155</p> <p><u>Currently</u> “20FT” = 20 Feet Container, “40FT” = 40 Feet Container etc. <u>Should be:</u> Report the leading 2 digits of the ISO size-type code followed by %%. Examples: 22%% = container with length 20 ft and height 8'6 L5%% = container with length 45 ft and height 9'6</p>
<p>9. Type of Move for Cabotage</p> <p>Special reporting for Coastal (=cabotage) is important in Brazil and China</p>	<p><i>Decision:</i> although it appears to be a special requirement, it can easily be covered by new codes in SG6/FTX/C107.4441</p> <p>Therefore suggest to add two new codes:</p> <ul style="list-style-type: none"> a. ‘CTD’ Number of containers discharged from Coastal transport for transshipment b. ‘CTL’ Number of containers loaded from transshipment for Coastal transport <p>These are SMDG internal codes, no DMR needed.</p>
10. Restow Reasons	<p>Already covered by existing codes TDL and TSH for Terminal Convenience restows. Better explanation in the MIG needed.</p>

TPFREP 4.0 based on D.11B

