



# Container Messages Hamburg 2016

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# Subgroup

## ■ **Members of this workgroup:**

- **Stefano Ottonello - MSC - Le Navi Genoa**
- **Yoshi Kitoh - Japan representative**
- **Jasmin Droenner - Eurogate Hamburg**
- **Paul Wauters - PSA-Antwerp (chairman)**

# Container messages

A decorative graphic at the top of the slide features a DNA double helix structure. The helix is composed of two strands, one in a light blue color and one in a light orange color, with small black dots representing the base pairs. To the right of the helix, there is a stylized, semi-transparent image of a modern building with a glass facade and a prominent vertical structure.

- ❏ **Work Done**
- ❏ **Evolution EDI usage - versions**
- ❏ **Evaluation**
- ❏ **Generic Base Message Structure**
- ❏ **Improvements**
- ❏ **Missing functions**

# Work Done

- ✦ **Insert VGM possibilities in**
  - ✦ COPARN, CODECO
  - ✦ COPRAR, COARRI
- ✦ **Initial in D.00B later also in D.95B**
- ✦ **New qualifier codes**
  
- ✦ **Update/create COHAOR MIG – D.00B**

# Evolution EDI usage



- ❖ **Beginning → only create**
- ❖ **After some time → Delete, Change**
- ❖ **Multiple size type in one message**
- ❖ **Same info on both levels (header – detail)**
- ❖ **More detailed info**
  - ❖ **e.g. on–transport info**



# Versions

## ❏ **'Frozen' Versions by SMDG**

- ❏ Avoid syntax upgrade every (half) year
- ❏ To stimulate developments
- ❏ Generate more ROI on one development

❏ Early starters → D.95B

❏ New in EDI → D.00B



# 95% still D.95B (!?)

## ■ D.00B Messages

- Better quality messages
- Official qualifier codes
- Have all information included already

## ■ Useful help

- SMDG Implementation guide
- ITIGG recommendations (not enough used)
- Good work has been done in the past



# Evaluation

- Change Method differs D.95B <> D.00B
- Changes D95B – D00B
  - Qualifier codes, Action codes
- More DGS – dangerous goods!
- Different EQD usage
- COPARN difficult SGP links GID <> EQD
- Code lists changes / misuse

# Change Management



## Status

'AS IS' ?

## D.95B

D.00B

9	original/create	9
5	replace	5
1	cancel	1
2	addendum	-
3	delete	-
4	change	-
33	change header	-



# Issues

## ❖ Interpretations

- ❖ Change management
- ❖ Codes: LOC, RFF, NAD, ...
- ❖ LOC
  - ❖ Place of Destination
  - ❖ Port of Destination
  - ❖ Stowage Port of Destination



# Issues

## ❏ Different EQD formats

- ❖ EQD & EQN
- ❖ EQD, EQD, EQD repetition same info
- ❖ EQD1, EQD2, EQD3
- ❖ EQD & RFF+SQ
  - ❏ No container id
  - ❏ Container id → same RFF+SQ
  - ❏ SQ preferably number



# Issues

## ❏ **FTX segment – too much functions**

- ❖ **Invoice Instructions (INV)**
- ❖ **Other Service Information (OSI)** - specific instructions relating to the preparation
- ❖ **Indication of Damage Condition (DAR)**
- ❖ **Current Equipment Condition (ABS)** - report on the current condition and/or status of a container, including confirmation of HAN
- ❖ **Handling Instructions (HAN)** - instructions on action to be taken

## ❏ **Move to → ATT – Attribute Segment ?**

# COPARN Structure (GID)



# COPARN Structure (GID)



- **Is full GID info necessary for Container messages?**
- **Or ONLY DGS → cfr CODECO message**



# Generic Message structure

- ❏ **Overlap different messages**
  - ◆ Cfr. ITIGG general recommendations
- ❏ **Each messages picks relevant segments**
- ❏ **Legacy developments**
  - ◆ Do not change structure to much
  - ◆ Existing inhouse to map on new structure
  - ◆ Easier transition



# Generic Message Base Structure



## ▣ Principle:

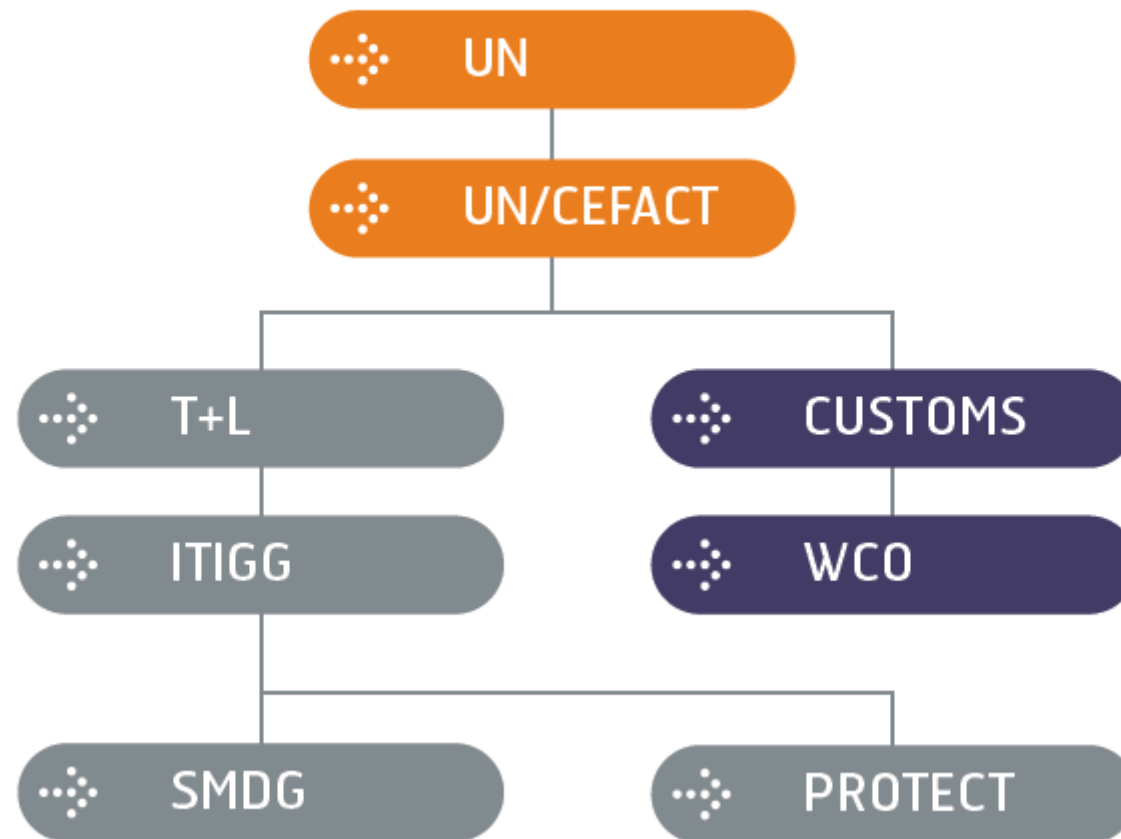
- ◆ Generate one base structure
- ◆ Individual EDI messages pick the necessary segments and keep the base order

## ▣ Benefits

- ◆ Better quality messages
- ◆ Easier maintenance – manual
- ◆ Reusable

# UN governance structure

The maintenance and updating of the messages is covered by subgroups.  
Below is an explanation of the governance structure.

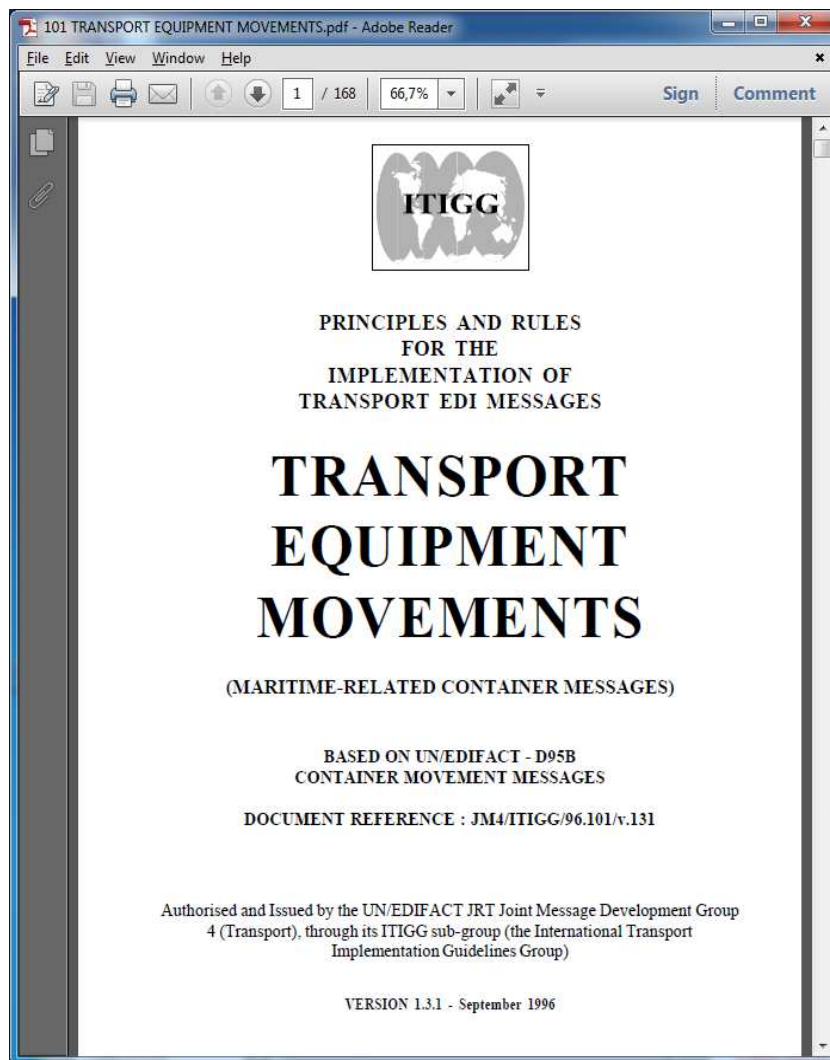


# UN Subgroups

## ITIGG

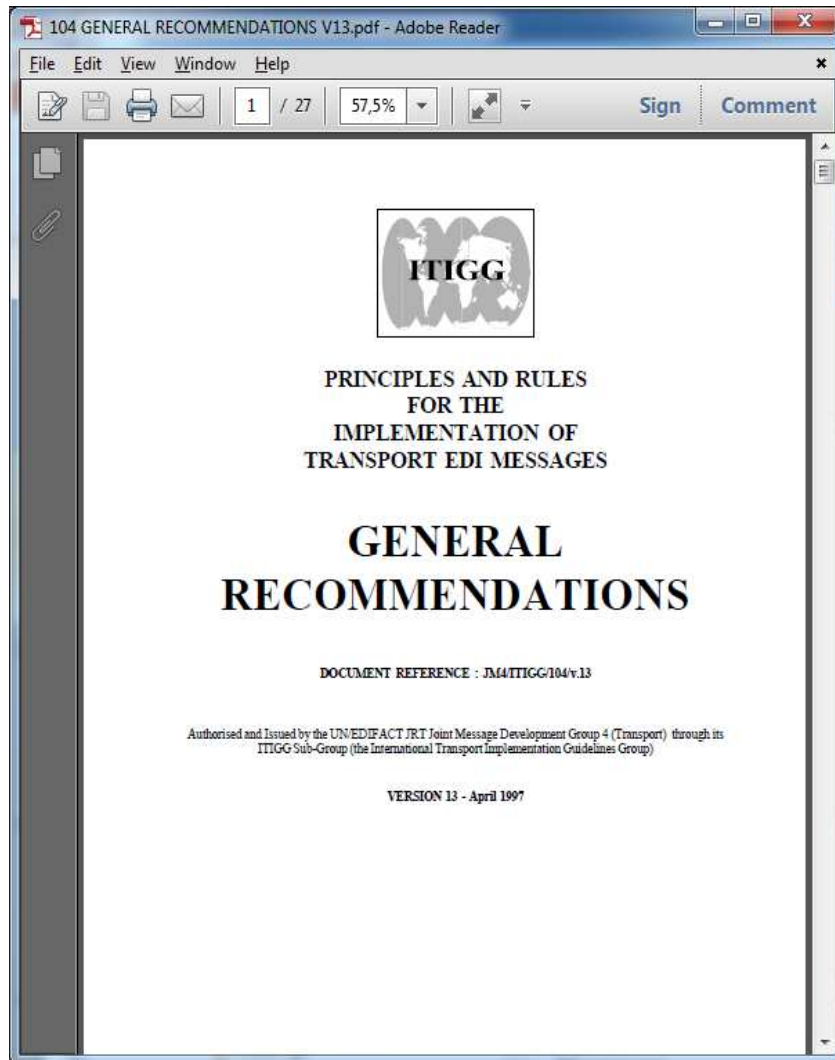
- ITIGG is a subgroup of T+L, the UN/EDIFACT Message Development Group for Transport.
- ITIGG develops **recommendations** which provide software developers with a series of simple, straightforward **tools to assist in designing implementation guidelines** (MIG) for applications which can be used for trading electronically throughout the world, and to clarify the intentions of the designers of key UN/EDIFACT messages.

# Guidelines



- Explained:
  - Segment by segment
  - Generic Structure

# Guidelines



- Explained:
  - General recommendations on

# Guidelines



101 TRANSPORT EQUIPMENT MOVEMENTS.pdf - Adobe Reader

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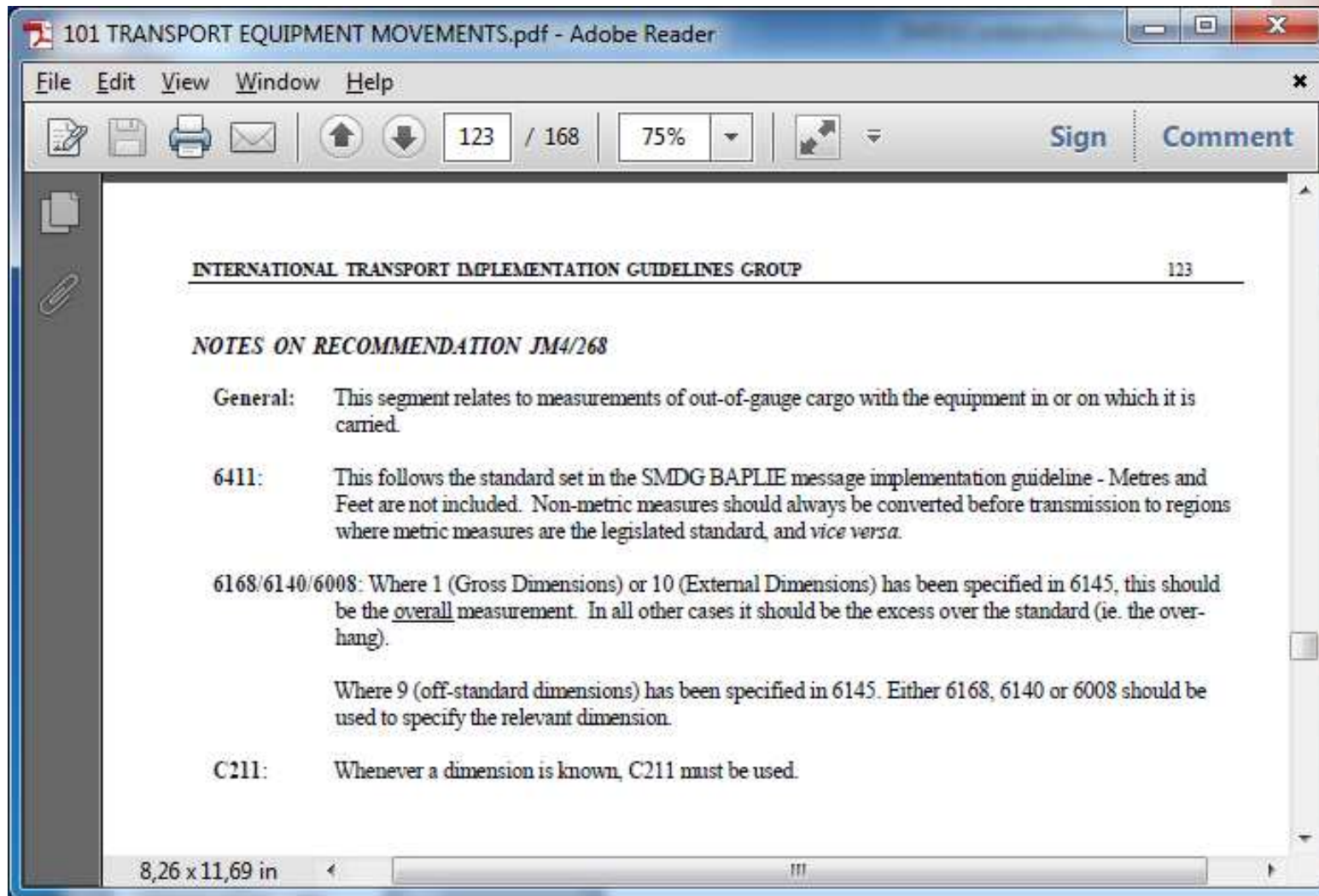
INTERNATIONAL TRANSPORT IMPLEMENTATION GUIDELINES GROUP 11

Equipment Details Group				
	EQD	JM4/259	C/M	M
	RFF	JM4/260	M	M
	RFF	JM4/261	C/M	D
	EQN	JM4/262	C	D
	TMD	JM4/263	C	O
	TSR	JM4/264	C	X
	DTM	JM4/265	C	O
	LOC	JM4/266	C	O
	MEA	JM4/267	C	O
	DM	JM4/268	C	O
	TMP	JM4/269	C	O
	RNG	JM4/270	C	O
	SEL	JM4/271	C	O
	FTX	JM4/272	C	O
	DGS	JM4/273	C	D
	MOA	JM4/274	C	O
	EQA	JM4/275	C	O
	GOR	JM4/276	C	O
	HAN	JM4/277	C	O
	PIA	JM4/278	C	O
DAM Group				
	DAM	JM4/279	C	D
	DAM	JM4/280	M	M
	COD	JM4/281	C	O
TDT Group				
	TDT	JM4/282	C	O
	TDT	JM4/283	M	M
	RFF	JM4/284	M	O
	LOC	JM4/285	C	O
	DTM	JM4/286	C	O
NAD Group				
	NAD	JM4/287	C	O
O/M	NAD	JM4/288	C/M	
	DTM	JM4/289	C	X
	CTA	JM4/290	C	O
	COM	JM4/291	C	O
QTY Group				
	QTY	JM4/292	C	D
	QTY	JM4/293	M	M
	FTX	JM4/294	C	X
Message Trailer				
	CNT	JM4/295	M	M
	UNT	JM4/296	M	M

8,26 x 11,69 in

Equipment group

# Guidelines



# Future Improvements?



- **DGS – dangerous goods**
  - Pcheck info e.g. # labels
  - More then 99 dgs (!?)
- **Keep GID group as a separate loop?**
- **Generic message structure?**
- **Clarification (by samples – cfr. BAPLIE)**
- **More Code lists by SMDG**
- **Change Management D.95B → D.00B**



# New items



- ❖ **On-transport info – more important**
- ❖ **Transshipment on different terminals with inland transfer in between**
- ❖ **Quarantine status → ATT (attribute)?**
- ❖ **Pin code (now – RFF + hashing?)**
- ❖ **Invoice receiver ....**

# Missing functionalities

- **Your input?**
- **Most Benefits?**