



Container messages Malmö

Paul Wauters
Cosmos



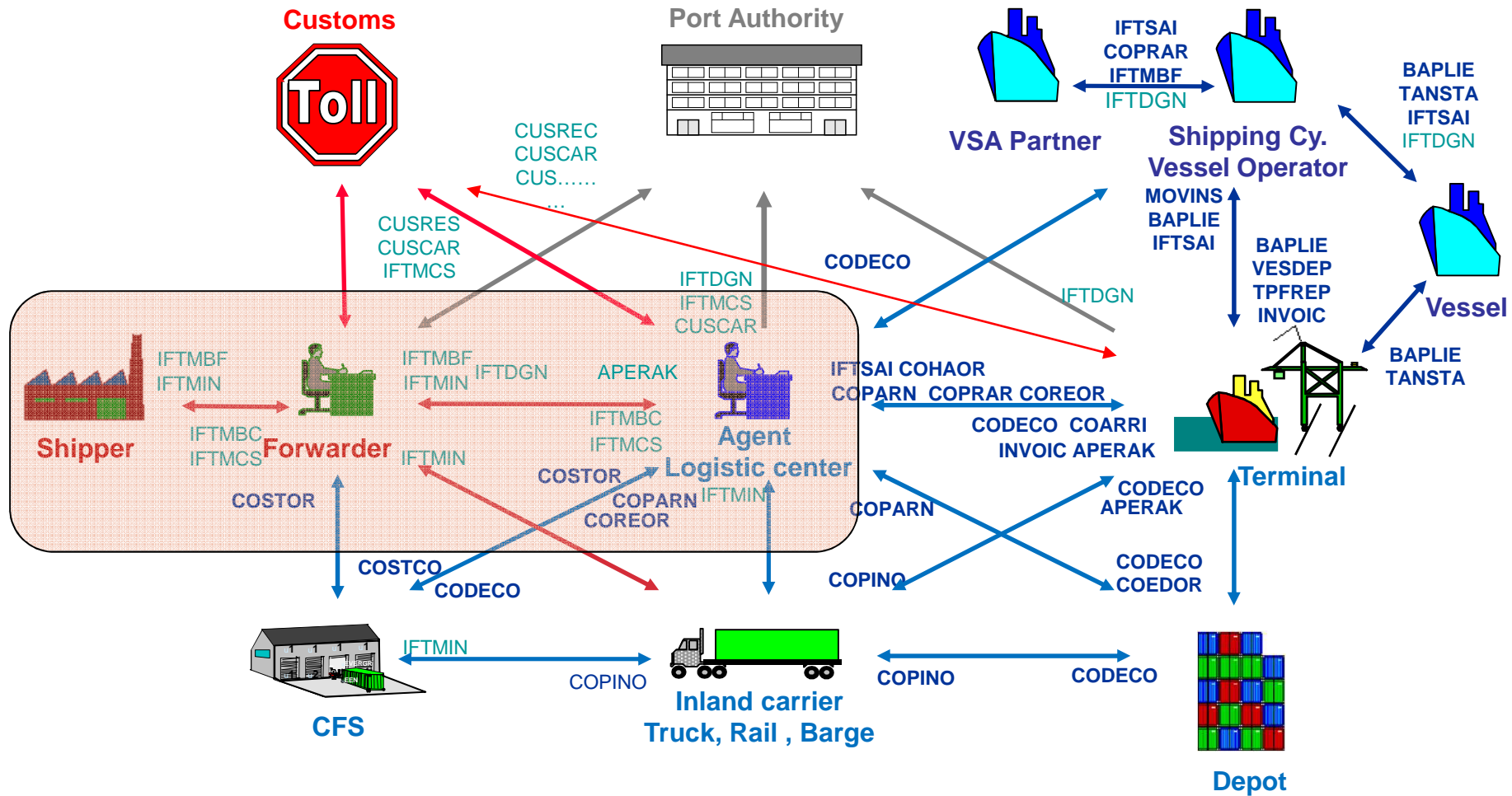
SMDG maintained messages



- **Commercial messages** (ITIGG)
 - Booking - Shipper, Forwarder → Agent
- **Operational messages** (SMDG)
 - Agent, Depot, CFS, Inland transport, terminal
- **Vessel related messages** (SMDG)
 - Vessel schedule & planning,
Load/Discharge, Performance, Invoice
- **Authorities messages** (Local, Protect)
 - Customs, Port Authority, Dangerous Cargo

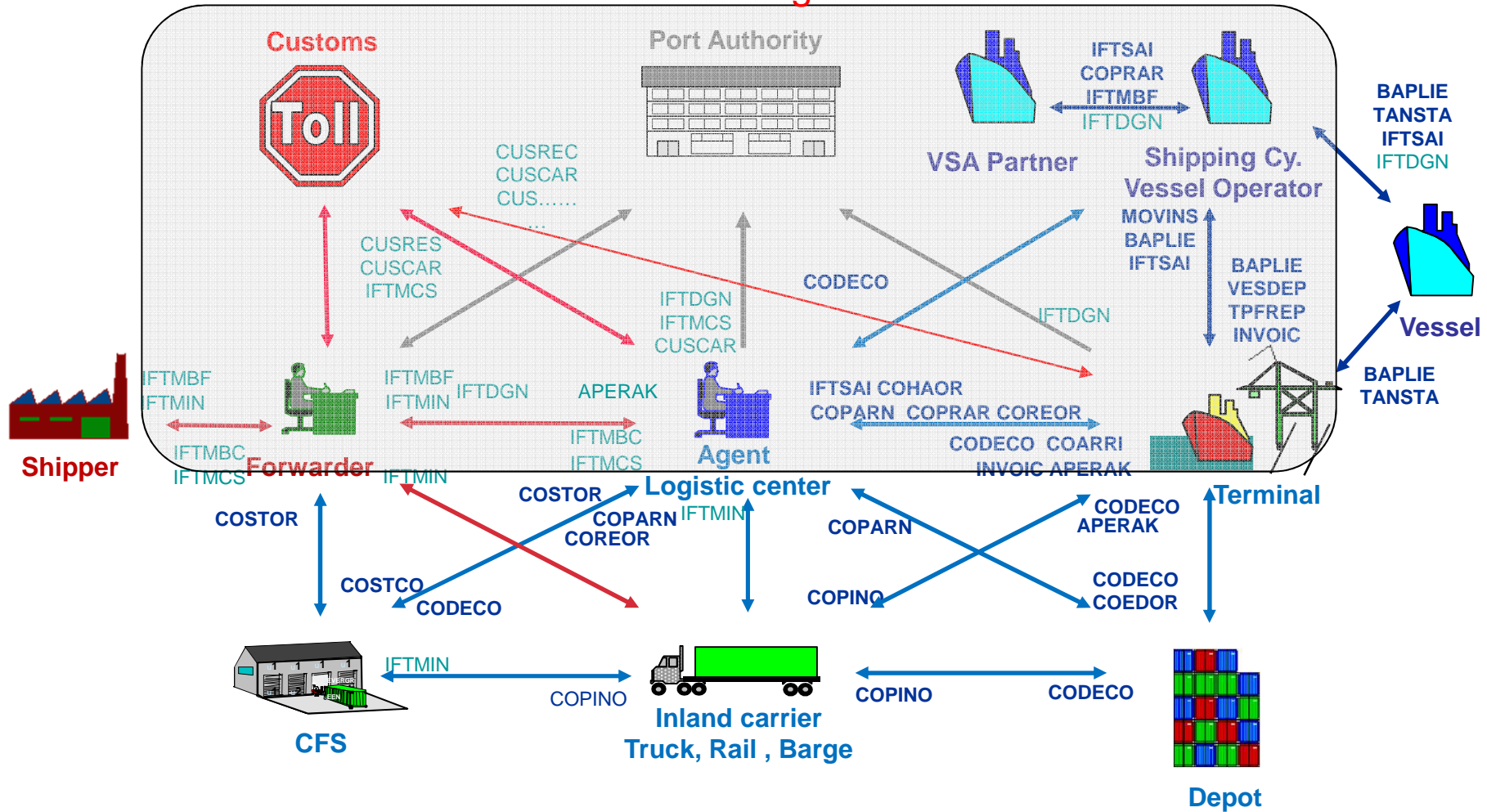
Container Information Flow

Commercial messages

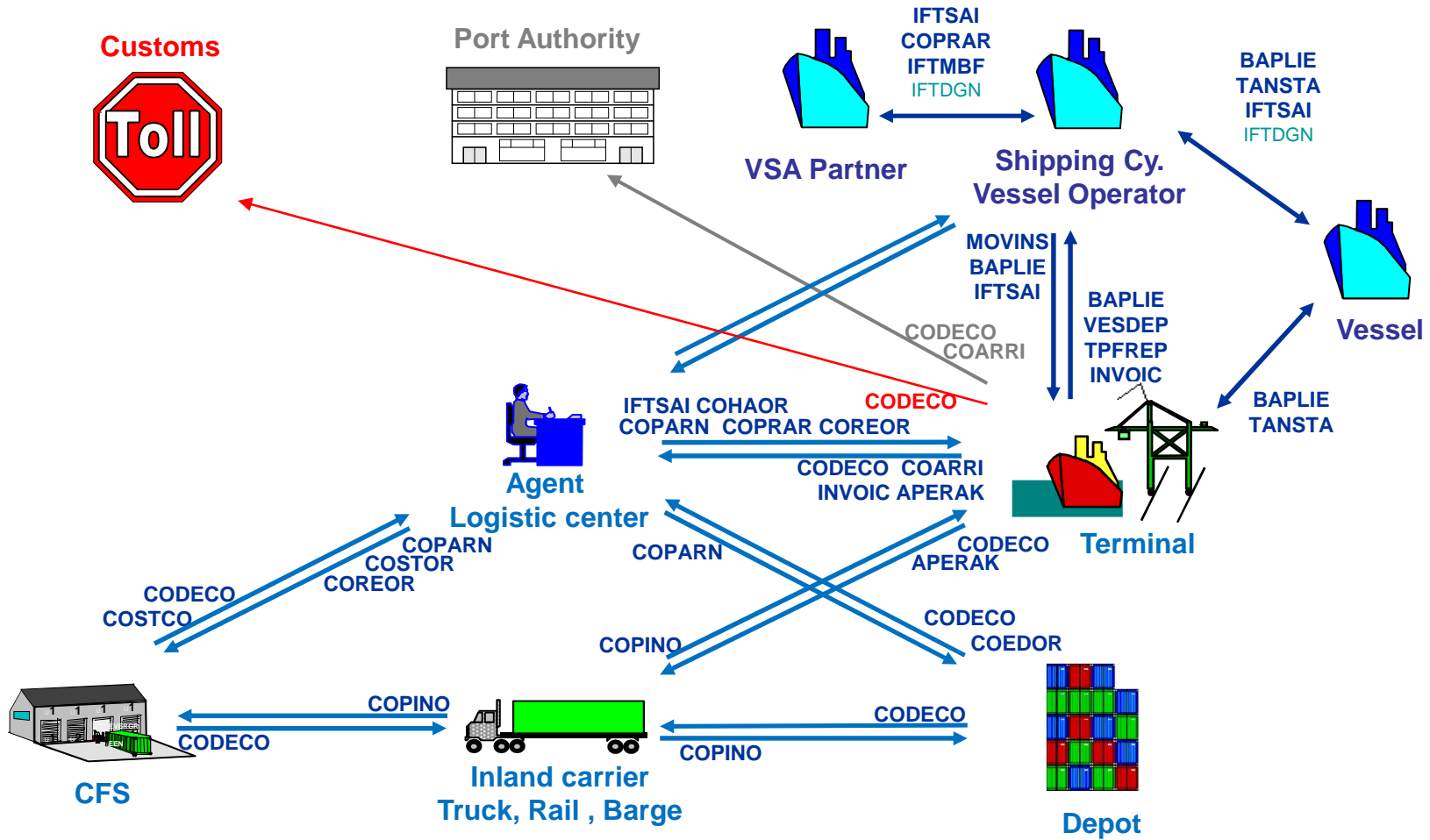


Container Information Flow

Authorities messages



SMDG - Operational Messages





Evolution

- ❖ **Beginning → only create**
- ❖ **Delete, change**
- ❖ **Multiple size type**
- ❖ **Same reference's on both levels**
- ❖ **More on-transport info**
 - ❖ **Inconsequent info EQD – TDT under EQD**



Issues

❏ Interpretations

- ◆ Change management
- ◆ Codes: LOC, RFF, NAD, ...

❏ Different EQD formats

- ◆ EQD+EQN
- ◆ EQD, EQD, EQD repetition same info
- ◆ EQD1, EQD2, EQD3

❏ FTX segment – too much functions

❏ GID group

Versions

❏ 'Frozen' Versions by SMDG

- ❏ Early starters → D.95B
- ❏ New in EDI → D.00B

(cfr BAPLIE)



D.00B

Messages

- Have already
- Good work has been done in the past

Useful help

- SMDG Implementation guide
- ITIGG recommendations (not enough used)

Evaluation

- ◆ **Change Management D.95B → D.00B**
- ◆ **More DGS – dangerous goods**
- ◆ **Different EQD usage**
- ◆ **Difficult SGP links GID < > EQD**
- ◆ **Jumping seq. Nrs Empty Out to Full In**
- ◆ **Code lists changes**
- ◆ **Qualifier codes changes D95B – D00B**

Improvements?



- **DGS – dangerous goods**
 - Pcheck info e.g. # labels(return in CODECO?)
 - 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**

COPARN Structure (GID)



- **Full GID info necessary for Container messages**
- **Or ONLY DGS → cfr CODECO message**

COPARN Structure (GID)



Generic Message structure



- ❏ **Overlap different messages**

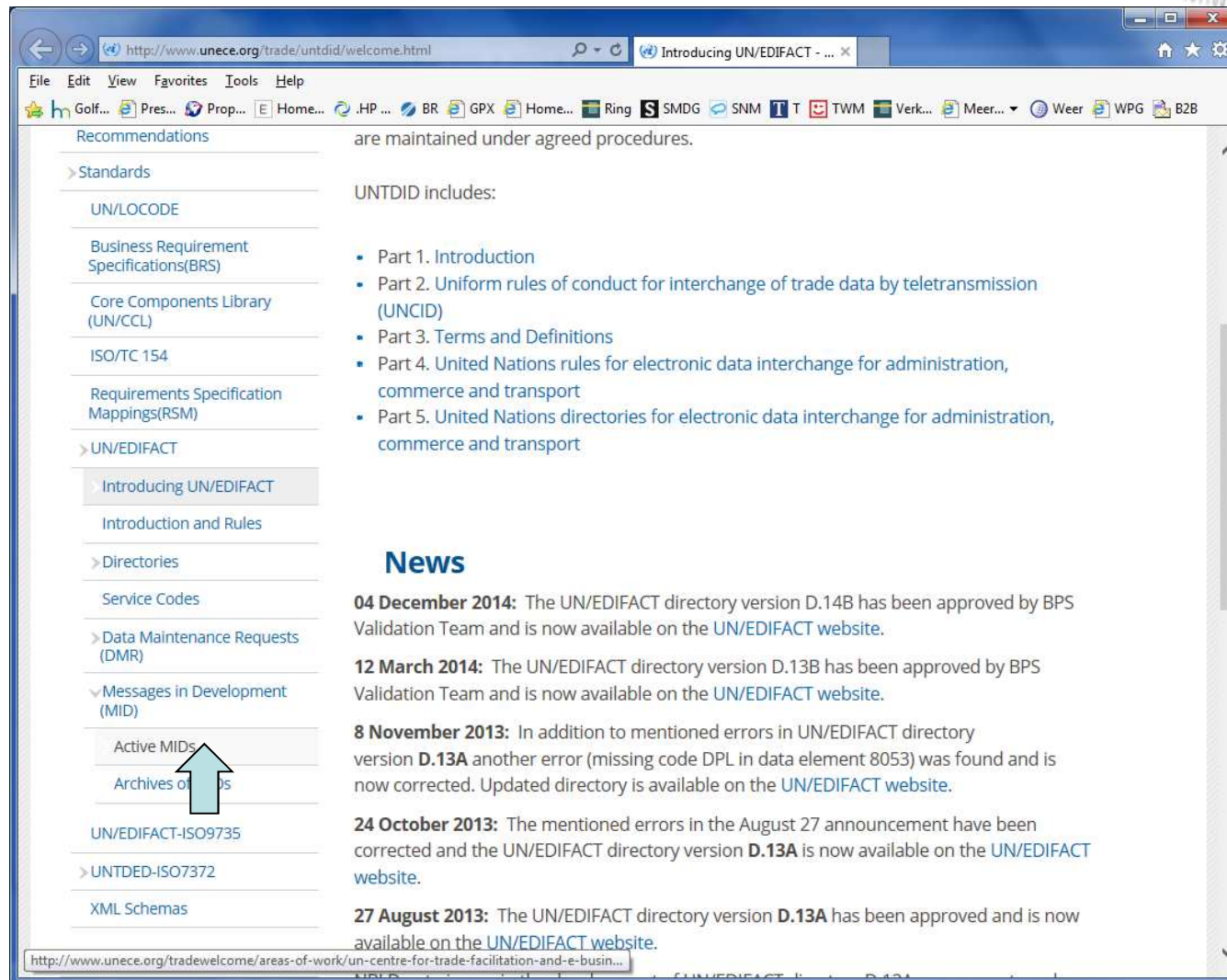
- ❖ Cfr IFTMSC (Single Consignment Message)

- ❏ **Benefits**

- ❏ **Legacy developments**

- ❖ Do not change structure to much
- ❖ Existing inhouse to map on new structure
- ❖ Easier transition

Generic Message structure



The screenshot shows a web browser window with the URL <http://www.unece.org/trade/untdid/welcome.html>. The page content is as follows:

Recommendations are maintained under agreed procedures.

> Standards

- UN/LOCODE
- Business Requirement Specifications(BRS)
- Core Components Library (UN/CCL)
- ISO/TC 154
- Requirements Specification Mappings(RSM)
- > UN/EDIFACT
 - Introducing UN/EDIFACT
 - Introduction and Rules
- > Directories
 - Service Codes
 - > Data Maintenance Requests (DMR)
 - > Messages in Development (MID)
 - Active MIDs
 - Archives of MIDs
- UN/EDIFACT-ISO9735
- > UNTDED-ISO7372
- XML Schemas

UNTDED includes:

- Part 1. Introduction
- Part 2. Uniform rules of conduct for interchange of trade data by teletransmission (UNCID)
- Part 3. Terms and Definitions
- Part 4. United Nations rules for electronic data interchange for administration, commerce and transport
- Part 5. United Nations directories for electronic data interchange for administration, commerce and transport

News

04 December 2014: The UN/EDIFACT directory version D.14B has been approved by BPS Validation Team and is now available on the [UN/EDIFACT website](#).

12 March 2014: The UN/EDIFACT directory version D.13B has been approved by BPS Validation Team and is now available on the [UN/EDIFACT website](#).

8 November 2013: In addition to mentioned errors in UN/EDIFACT directory version **D.13A** another error (missing code DPL in data element 8053) was found and is now corrected. Updated directory is available on the [UN/EDIFACT website](#).

24 October 2013: The mentioned errors in the August 27 announcement have been corrected and the UN/EDIFACT directory version **D.13A** is now available on the [UN/EDIFACT website](#).

27 August 2013: The UN/EDIFACT directory version **D.13A** has been approved and is now available on the [UN/EDIFACT website](#).

Generic Message structure

UN/CEFACT

Messages in Development

Updated on 31 May 2001

Message	Name	D Group	Download
ALL	ZIP format		PDF
CHAMAP	Chart of mappings message	D14	PDF
COLADV	Advice of a documentary collection	D6	PDF
CURRAC	Current account message	D6	PDF
DATRAK	Data tracking message	D13	PDF
IFTMSC	Single consignment forwarding and transport message	D4	PDF
IHCEBI	Interactive health insurance eligibility and benefits inquiry and response message	D11	PDF
ITRGRP	In transit groupage message	D1	PDF
JIBILL	Joint interest billing report	D12	PDF
MEDADR	Medical adverse drug reaction message	D11	PDF
MEDAUT	Medical pre-authorisation message	D11	PDF
MESGEV	Social event message	D12	PDF
MIGRPT	Message implementation guide (MIG) report message	D13	PDF
PCPRDR	Property and casualty property damage report	D9	PDF
PROLST	Promotional list message	D2	PDF
SCRIPT	Prescriptions and refill request and response - interactive message message	D11	PDF

Generic Message structure

http://www.unece.org/trade/untdid/download/miift

unece.org

File Edit Go to Favorites Help

Golf... Pres... Prop... Home... .HP... BR GPX Home... Ring S SMDG SNM T T TWM Verk...

UN/EDIFACT Data Maintenance Request

MESSAGE STATUS Page 1 of 29

OrigLogNbr: EEG2/WETIGG
Contact: Sue Probert
Address: Belper Road 103
Derby

EP Log: EB-2000-2933
DMR Log Date: 04-Jul-00
Tag Mtg:
UN Log: UN-00-00290
UN Log Date: 27-Jul-00
JM Group: D04
Directory Id: D.00B

State: DE1 3ER UK
Organisation: Electronic Trade Services
PhoneNbr: +441 (332) 3420-80
FaxNbr: +441 (332) 3420-85
Email: sue@ets-edi.co.uk

DmrType: ST Request for Message in Development (MiD)
Message: IFTMSC

DMRAction: A **NameChange:** N **Text1-1:** N **Text1-2:** N **Text1-3:** N
Text2: N **Text3-1:** N **Text3-2:** N **Text4-1:** N

Industry:

BusinessNee: The D4 group have completed a major rationalisation project which aims to reduce the present set of IFTM single function messages to a single IFTM multi function message structure to be called IFTMSC. This will allow for a better quality message and also allow for easier maintenance by dramatically reducing the number of repeated DMR submissions especially in the light of the planned D4 future reviews for the application of the new Message Design Rules. This will not affect the transport users as the de1001 can be used in all cases to specify the functionality required and each function uses a subset of

BOILERPLATE



Generic Message Structure

Pro

- ◆ Better quality message
- ◆ Easy maintenance - manual

Con

- ◆ Manual has to do the segregation (seg) and explanation
- ◆ Not easy to link to the right apply module.
 - ◆ **Function only known after entering the message**

New items

- ❏ **Verified weight: APMT**
- ❏ **Quarantine status → ATT?**
- ❏ **Logistic info : (Empty reserved) or 'destined for'**
- ❏ **Pin code (now – RFF + hashing?)**
- ❏ **Freight handling costs**
- ❏ **??**

Explain items

- ❏ **Lease type: in EQD.8077** EQUIPMENT SUPPLIER CODE
- ❏ **Empty release on prefix, number series**
- ❏ **COPRAR**
 - ❖ **Identify Consignee – (free storage)**
 - ❖ **Identify Invoicee**
 - ❏ **SMDG_DMR_2014_05_NAD-3035-Invoicee**

Better codes

■ **FTX**

- **ABS (status) is indeed not appropriate, maybe AHN is the next best thing.**

■ **LOC qualifier 165 – Activity location**

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	-

Missing functionalities

❏ ??

❏ **Your input**