

UBL Guidelines for Mapping IFTM UN/EDIFACT Messages Version 1.0

Committee Note 01

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Additional artefacts:

This attachment forms an integral component of this committee note:

- [UBL-IFTM-Mapping-v1.0-cn01-attachment.pdf](#)

The ZIP containing the complete files of this release is found in the directory:

- <http://docs.oasis-open.org/ubl/UBL-IFTM-Mapping/v1.0/cn01/>

Related work:

This note is related to:

Universal Business Language Version 2.1. Edited by Jon Bosak, Tim McGrath and G. Ken Holman. 04 November 2013. OASIS Standard. <http://docs.oasis-open.org/ubl/os-UBL-2.1/UBL-2.1.html>.

Abstract:

This document defines the possible mappings of IFTM components to the OASIS Universal Business Language (UBL) version 2.1. They apply to data structures used in UBL document types BillOfLading, ForwardingInstructions and Waybill (as well as other document types used in intermodal and multimodal freight).

Status:

This document was last revised or approved by the OASIS Universal Business Language (UBL) TC on the above date. The level of approval is also listed above. Check the "Latest version" location noted above for possible later revisions of this document.

Technical Committee (TC) members should send comments on this document to the TC's email list. Others should send comments to the TC's public comment list, after subscribing to it by following the instructions at the "Send A Comment" button on the Technical Committee's web page at <http://www.oasis-open.org/committees/ubl/>.

See [Appendix A, Release Notes](#) for more information regarding this release package.

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Table of Contents

| | |
|---|----|
| 1 Introduction | 5 |
| 2 UBL mapping guidelines | 6 |
| 2.1 General comments | 6 |
| 2.1.1 Insurances | 6 |
| 2.1.2 Freight charges | 6 |
| 2.1.3 Dates and times | 6 |
| 2.1.4 Attributes for data types | 6 |
| 2.1.5 Use of Qualifiers | 6 |
| 2.1.6 Free text field lengths | 7 |
| 2.1.7 Functions | 7 |
| 2.1.8 Messaging fields | 7 |
| 2.1.9 Document distribution requirements | 7 |
| 2.2 Complete mapping table | 7 |
| 3 Message summary | 8 |
| 4 Examples | 17 |
| 4.1 Example shipping instructions | 17 |
| 4.1.1 UN/EDIFACT data example shipping instructions | 17 |
| 4.1.2 Example UBL equivalent shipping instructions | 17 |
| 4.2 Example forwarding instructions | 21 |
| 4.2.1 UN/EDIFACT data example forwarding instructions | 21 |
| 4.2.2 Example UBL equivalent forwarding instructions | 21 |

Appendixes

| | |
|--|----|
| A Release Notes | 26 |
| A.1 Availability | 26 |
| A.2 Package structure | 26 |
| B Acknowledgements (Non-Normative) | 27 |

1 Introduction

This Committee Note deals with the set of EDIFACT document types known collectively as the IFTM message set developed by UN/CEFACT. These document structures are used for consolidation purposes from a party arranging forwarding and transport services to the party for which the transport of the consolidated cargo is destined. The message set can be used to exchange information concerning the consolidated cargo between forwarders, carriers and agents enabling those parties to handle the consignments included in this consolidation. In addition it can be used for a collection of consignments originating from one shipper for forwarding and transport services. In addition it can be used for an advice of insurance related to a consolidation of consignments if the insured is the party arranging forwarding and transport services.

This document pertains to the implementation of the following messages:

IFCSUM, IFTMBF, IFTMBC, IFTMIN, IFTMCS, IFTMAN, IFTMCA

This document describes which segments to use/not use for:

1. Messages dealing with individual consignments. Consignment details commence with the CNI segment - position 1130 for IFTM** messages
2. Messages for consolidated consignments (IFCSUM)

The message definitions were obtained from this ZIP archive: <http://www.smdg.org/assets/assets/TFM-Comm-100v20.zip>

2 UBL mapping guidelines

This document defines the possible mappings of IFTM components to the OASIS Universal Business Language (UBL) version 2.1. They apply to data structures used in UBL document types BillOfLading, ForwardingInstructions and Waybill (as well as other document types used in intermodal and multimodal freight).

These mappings are provided as a guide to assist in migrating UN/EDIFACT transportation messages (based on the ITIGG guidelines) to an XML environment. As such it should be used as a suggested guideline only.

2.1 General comments

2.1.1 Insurances

A Transport Contract can be used for describing insurance related to consignments. For other insurances use Document Reference.

2.1.2 Freight charges

Currently the Charge Codes and Charge Types do not enough details to automatically create a freight invoice

2.1.3 Dates and times

Date elements are followed by an optional sister element for Times. For simplicity these are not included but can be assumed. Many Dates also allow an optional Period description as well.

All Date and Time formats should follow the W3C Schema data type for date and time.

2.1.4 Attributes for data types

Following the ebXML Core Component Technical Specification all Code type have attributes to describe the listID and the listAgencyID (if required).

Following the ebXML Core Component Technical Specification all Identifier types have attributes to describe the schemeID, schemeAgencyID (if required).

Following the ebXML Core Component Technical Specification all Measurement types have an attribute for unitCode (if required).

Following the ebXML Core Component Technical Specification all Amount types have an attribute for currencyID.

2.1.5 Use of Qualifiers

Following the principles of the ebXML Core Component Technical Specification qualifier terms are generally used in the names of elements. As such list of qualifiers for elements are not required.

The exceptions are where there is a controlled and fixed set of possible qualifiers.

For historical reasons there are some cases where a hybrid approach has been taken. Elements have qualified names and also a sister element that is unqualified and may be qualified by a code list.

These are noted when they occur in the mapping.

2.1.6 Free text field lengths

UBL has been designed as a transactional data description language and as such does not require formatting facets (such as fixed field lengths).

Values within text element may contain XML Control statements to support formatted on the text by suitably enabled applications.

Many UBL textual elements allow multiple occurrences. This is reserved for use where the same information may be required in different languages. These are not designed to convey different pieces of information such as different paragraphs or lines.

2.1.7 Functions

In XML documents the number of children for a parent can be derived because of the requirement for being well formed XML. Ending delimiters mean children cannot be dropped so integrity controls such as control totals are redundant.

2.1.8 Messaging fields

UBL documents are independent of the message exchange protocol of documents. Several common protocols are used to convert the document header and footer information (eg. UNH-UNT). These protocols define the messaging elements they require (i.e. the equivalent of the UNH-UNT structures).

2.1.9 Document distribution requirements

In UBL 2.1 the Forwarding Instruction lacks the ability to define what the distribution of the original and copies of Bills of Lading should be. This is to be included in the next release.

2.2 Complete mapping table

The IFTM message definitions available from the SMDG group (at <http://www.smdg.org/assets/assets/TFM-Comm-100v20.zip>) have been mapped onto UBL structures following a similar format.

The result is a large table provided as an attachment to this committee note:

- [UBL-IFTM-Mapping-v1.0-cn01-attachment.pdf](#)

The attachment explains the conventions used in formatting the tables and should provide enough details to enable UN/EDIFACT messages based on the IFTM standards to be mapped onto their UBL equivalent (and vice-versa).

3 Message summary

| P o s . No. | Seg. Id | Name | R e q . Des. | M a x . Use | Group Re- peat |
|----------------|------------|--|-----------------|----------------|-------------------|
| 0010 | UNH | Message Header | M | 1 | |
| 0020 | BGM | Beginning of Message | M | 1 | |
| 0030 | DTM | Date/Time/Period | C | 9 | |
| 0040 | MOA | Monetary Amount | C | 99 | |
| 0050 | FTX | Free Text | C | 99 | |
| 0060 | CNT | Control Total | C | 9 | |
| 0070 | PCD | Percentage Details | C | 1 | |
| 0080 | GDS | Nature of Cargo | C | 9 | |
| 0090 | | Segment Group 1: RFF-DTM | C | | 9 |
| 0100 | RFF | Reference | M | 1 | |
| 0110 | DTM | Date/Time/Period | C | 9 | |
| 0210 | | Segment Group 4: NAD-SG5-SG6 | C | | 9 |
| 0220 | NAD | Name and Address | M | 1 | |
| 0230 | | Segment Group 5: CTA-COM | C | | 9 |
| 0240 | CTA | Contact Information | M | 1 | |
| 0250 | COM | Communication Contact | C | 9 | |
| 0260 | | Segment Group 6: RFF | C | | 9 |
| 0270 | RFF | Reference | M | 1 | |
| 0290 | | Segment Group 7: TCC-PRI-PCD-MOA-QTY-LOC | C | | 9 |
| 0300 | TCC | Transport Charge/Rate Calculations | M | 1 | |
| 0320 | PRI | Price Details | C | 1 | |
| 0340 | PCD | Percentage Details | C | 1 | |
| 0350 | MOA | Monetary Amount | C | 9 | |
| 0360 | QTY | Quantity | C | 9 | |
| 0370 | LOC | Place/Location Identification | C | 9 | |
| 0380 | | Segment Group 8: ICD-DTM-FTX | C | | 99 |
| 0390 | ICD | Insurance Cover Description | M | 1 | |
| 0400 | DTM | Date/Time/Period | C | 1 | |
| 0410 | FTX | Free Text | C | 9 | |
| 0420 | | Segment Group 9: TDT-DTM-SG10-SG11-SG12-SG14-SG15-SG16 | C | | 9 |

| P o s . No. | Seg. Id | Name | R e q . Des. | M a x . Use | Group Re- peat |
|----------------|------------|---|-----------------|----------------|-------------------|
| 0430 | TDT | Details of Transport | M | 1 | |
| 0440 | DTM | Date/Time/Period | C | 9 | |
| | | | | | |
| 0460 | | Segment Group 10: LOC-DTM | C | | 9 |
| 0470 | LOC | Place/Location Identification | M | 1 | |
| 0480 | DTM | Date/Time/Period | C | 9 | |
| | | | | | |
| 0510 | | Segment Group 11: MEA | C | | 9 |
| 0520 | MEA | Measurements | M | 1 | |
| | | | | | |
| 0540 | | Segment Group 12: DIM | C | | 9 |
| 0550 | DIM | Dimensions | M | 1 | |
| | | | | | |
| 0600 | | Segment Group 14: TCC-MOA-PCD | C | | 99 |
| 0610 | TCC | Transport Charge/Rate Calculations | M | 1 | |
| 0620 | MOA | Monetary Amount | C | 9 | |
| 0630 | PCD | Percentage Details | C | 1 | |
| | | | | | |
| 0640 | | Segment Group 15: ICD-DTM-FTX | C | | 99 |
| 0650 | ICD | Insurance Cover Description | M | 1 | |
| 0660 | DTM | Date/Time/Period | C | 1 | |
| 0670 | FTX | Free Text | C | 9 | |
| | | | | | |
| 0680 | | Segment Group 16: NAD-SG17-SG18-SG20 | C | | 9 |
| 0690 | NAD | Name and Address | M | 1 | |
| | | | | | |
| 0710 | | Segment Group 17: CTA-COM | C | | 9 |
| 0720 | CTA | Contact Information | M | 1 | |
| 0730 | COM | Communication Contact | C | 9 | |
| | | | | | |
| 0740 | | Segment Group 18: DOC-DTM | C | | 9 |
| 0750 | DOC | Document/Message Details | M | 1 | |
| 0760 | DTM | Date/Time/Period | C | 1 | |
| | | | | | |
| 0850 | | Segment Group 20: RFF | C | | 9 |
| 0860 | RFF | Reference | M | 1 | |
| | | | | | |
| 0880 | | Segment Group 21: EQD-TMD-MEA-DIM-SEL-HAN-TMP-FTX-PCD-SG22-SG23 | C | | 999 |
| 0890 | EQD | Equipment Details | M | 1 | |
| 0920 | TMD | Transport Movement Details | C | 1 | |

| P o s . No. | Seg. Id | Name | R e q . Des. | M a x . Use | Group Re- peat |
|----------------|------------|--|-----------------|----------------|-------------------|
| 0930 | MEA | Measurements | C | 9 | |
| 0940 | DIM | Dimensions | C | 9 | |
| 0950 | SEL | Seal Number | C | 9 | |
| 0980 | HAN | Handling Instructions | C | 1 | |
| 0990 | TMP | Temperature | C | 1 | |
| 1000 | FTX | Free Text | C | 9 | |
| 1020 | PCD | Percentage Details | C | 9 | |
| | | | | | |
| 1030 | | Segment Group 22: EQA-EQN | C | | 99 |
| 1040 | EQA | Attached Equipment | M | 1 | |
| 1050 | EQN | Number of Units | C | 1 | |
| | | | | | |
| 1060 | | Segment Group 23: DGS-FTX-SG24 | C | | 99 |
| 1070 | DGS | Dangerous Goods | M | 1 | |
| 1080 | FTX | Free Text | C | 9 | |
| | | | | | |
| 1090 | | Segment Group 24: CTA-COM | M | | 1 |
| 1100 | CTA | Contact Information | M | 1 | |
| 1110 | COM | Communication Contact | C | 9 | |
| | | | | | |
| 1120 | | Segment Group 25: CNI-CTA-COM-DTM-CNT-TSR-CUX-PCD-MOA-FTX-CNT-GDS-DOC-SG30-SG31-SG32-SG33-SG35-SG36-SG37-SG38-SG43-SG50-SG70 | C | | 9999 |
| 1130 | CNI | Consignment Information | M | 1 | |
| 1240 | CTA | Contact Information | C | 1 | |
| 1250 | COM | Communication Contact | C | 9 | |
| 1260 | DTM | Date/Time/Period | C | 9 | |
| 1270 | CNT | Control Total | C | 9 | |
| 1280 | TSR | Transport Service Requirements | C | 9 | |
| 1290 | CUX | Currencies | C | 9 | |
| 1300 | PCD | Percentage Details | C | 9 | |
| 1310 | MOA | Monetary Amount | C | 99 | |
| 1320 | FTX | Free Text | C | 99 | |
| 1325 | CNT | Control Total | C | 9 | |
| 1330 | GDS | Nature of Cargo | C | 9 | |
| 1335 | DOC | Document/Message Details | C | 9 | |
| | | | | | |
| 1340 | | Segment Group 30: LOC-DTM | C | | 99 |
| 1350 | LOC | Place/Location Identification | M | 1 | |
| 1360 | DTM | Date/Time/Period | C | 9 | |

| P o s . No. | Seg. Id | Name | R e q . Des. | M a x . Use | Group Re- peat |
|----------------|------------|---|-----------------|----------------|-------------------|
| 1370 | | Segment Group 31: TOD-LOC | C | | 2 |
| 1380 | TOD | Terms of Delivery or Transport | M | 1 | |
| 1390 | LOC | Place/Location Identification | C | 9 | |
| 1400 | | Segment Group 32: RFF-DTM | C | | 999 |
| 1410 | RFF | Reference | M | 1 | |
| 1420 | DTM | Date/Time/Period | C | 9 | |
| 1430 | | Segment Group 33: GOR-DTM-LOC-FTX-SG34 | C | | 9 |
| 1440 | GOR | Governmental Requirements | M | 1 | |
| 1450 | DTM | Date/Time/Period | C | 9 | |
| 1460 | LOC | Place/Location Identification | C | 9 | |
| 1480 | FTX | Free Text | C | 9 | |
| 1490 | | Segment Group 34: DOC-DTM | C | | 9 |
| 1500 | DOC | Document/Message Details | M | 1 | |
| 1510 | DTM | Date/Time/Period | C | 1 | |
| 1520 | | Segment Group 35: CPI | C | | 9 |
| 1530 | CPI | Charge Payment Instructions | M | 1 | |
| 1580 | | Segment Group 36: TCC-LOC-FTX-PRI-PCD-MOA-QTY | C | | 99 |
| 1590 | TCC | Transport Charge/Rate Calculations | M | 1 | |
| 1600 | LOC | Place/Location Identification | C | 1 | |
| 1610 | FTX | Free Text | C | 1 | |
| 1630 | PRI | Price Details | C | 1 | |
| 1650 | PCD | Percentage Details | C | 1 | |
| 1660 | MOA | Monetary Amount | C | 9 | |
| 1670 | QTY | Quantity | C | 9 | |
| 1680 | | Segment Group 37: ICD-DTM-FTX | C | | 99 |
| 1690 | ICD | Insurance Cover Description | M | 1 | |
| 1700 | DTM | Date/Time/Period | C | 1 | |
| 1710 | FTX | Free Text | C | 9 | |
| 1720 | | Segment Group 38: TDT-DTM-SG39-SG40-SG41-SG42 | C | | 99 |
| 1730 | TDT | Details of Transport | M | 1 | |
| 1740 | DTM | Date/Time/Period | C | 9 | |

| P o s . No. | Seg. Id | Name | R e q . Des. | M a x . Use | Group Re- peat |
|----------------|------------|--|-----------------|----------------|-------------------|
| 1760 | | Segment Group 39: LOC-DTM | C | | 99 |
| 1770 | LOC | Place/Location Identification | M | 1 | |
| 1780 | DTM | Date/Time/Period | C | 9 | |
| 1790 | | Segment Group 40: RFF | C | | 9 |
| 1800 | RFF | Reference | M | 1 | |
| 1820 | | Segment Group 41: TCC-MOA-PCD | C | | 99 |
| 1830 | TCC | Transport Charge/Rate Calculations | M | 1 | |
| 1840 | MOA | Monetary Amount | C | 9 | |
| 1850 | PCD | Percentage Details | C | 1 | |
| 1860 | | Segment Group 42: ICD-DTM-FTX | C | | 99 |
| 1870 | ICD | Insurance Cover Description | M | 1 | |
| 1880 | DTM | Date/Time/Period | C | 1 | |
| 1890 | FTX | Free Text | C | 9 | |
| 1900 | | Segment Group 43: NAD-LOC-SG44-SG45-SG46-SG47-SG48 | C | | 99 |
| 1910 | NAD | Name and Address | M | 1 | |
| 1920 | LOC | Place/Location Identification | C | 9 | |
| 1940 | | Segment Group 44: CTA-COM | C | | 9 |
| 1950 | CTA | Contact Information | M | 1 | |
| 1960 | COM | Communication Contact | C | 9 | |
| 1970 | | Segment Group 45: DOC-DTM | C | | 9 |
| 1980 | DOC | Document/Message Details | M | 1 | |
| 1990 | DTM | Date/Time/Period | C | 1 | |
| 2000 | | Segment Group 46: TCC-PRI-PCD-MOA-QTY | C | | 99 |
| 2010 | TCC | Transport Charge/Rate Calculations | M | 1 | |
| 2030 | PRI | Price Details | C | 1 | |
| 2050 | PCD | Percentage Details | C | 1 | |
| 2060 | MOA | Monetary Amount | C | 9 | |
| 2070 | QTY | Quantity | C | 9 | |
| 2080 | | Segment Group 47: RFF | C | | 9 |
| 2090 | RFF | Reference | M | 1 | |

| P o s . No. | Seg. Id | Name | R e q . Des. | M a x . Use | Group Re- peat |
|----------------|------------|--|-----------------|----------------|-------------------|
| 2110 | | Segment Group 48: CPI-LOC-MOA | C | | 9 |
| 2120 | CPI | Charge Payment Instructions | M | 1 | |
| 2150 | LOC | Place/Location Identification | C | 9 | |
| 2160 | MOA | Monetary Amount | C | 9 | |
| | | | | | |
| 2230 | | Segment Group 50: GID-HAN-TMP-RNG-TMD-LOC-MOA-PIA-FTX-SG51-GDS-SG52-SG53-SG54-SG55-SG56-SG59-SG61-SG63-SG64-SG65 | C | | 999 |
| 2240 | GID | Goods Item Details | M | 1 | |
| 2250 | HAN | Handling Instructions | C | 1 | |
| 2260 | TMP | Temperature | C | 1 | |
| 2270 | RNG | Range Details | C | 1 | |
| 2280 | TMD | Transport Movement Details | C | 1 | |
| 2290 | LOC | Place/Location Identification | C | 9 | |
| 2300 | MOA | Monetary Amount | C | 9 | |
| 2310 | PIA | Additional Product Id | C | 9 | |
| 2330 | FTX | Free Text | C | 9 | |
| | | | | | |
| 2340 | | Segment Group 51: NAD-DTM | C | | 9 |
| 2350 | NAD | Name and Address | M | 1 | |
| 2360 | DTM | Date/Time/Period | C | 1 | |
| 2370 | GDS | Nature of Cargo | C | 9 | |
| | | | | | |
| 2380 | | Segment Group 52: MEA-EQN | C | | 99 |
| 2390 | MEA | Measurements | M | 1 | |
| 2400 | EQN | Number of Units | C | 1 | |
| | | | | | |
| 2410 | | Segment Group 53: DIM-EQN | C | | 99 |
| 2420 | DIM | Dimensions | M | 1 | |
| 2430 | EQN | Number of Units | C | 1 | |
| | | | | | |
| 2440 | | Segment Group 54: RFF-DTM | C | | 9 |
| 2450 | RFF | Reference | M | 1 | |
| 2460 | DTM | Date/Time/Period | C | 9 | |
| | | | | | |
| 2470 | | Segment Group 55: PCI-RFF-GIN-MEA | C | | 999 |
| 2480 | PCI | Package Identification | M | 1 | |
| 2490 | RFF | Reference | C | 1 | |
| 2510 | GIN | Goods Identity Number | C | 9 | |
| 2520 | MEA | Measurements | C | 9 | |
| | | | | | |

| P o s . No. | Seg. Id | Name | R e q . Des. | M a x . Use | Group Re- peat |
|----------------|------------|---|-----------------|----------------|-------------------|
| 2540 | | Segment Group 56: DOC-DTM | C | | 9 |
| 2550 | DOC | Document/Message Details | M | 1 | |
| 2560 | DTM | Date/Time/Period | C | 9 | |
| | | | | | |
| 2660 | | Segment Group 59: TPL | C | | 9 |
| 2670 | TPL | Transport Placement | M | 1 | |
| | | | | | |
| 2710 | | Segment Group 61: SGP-SG62 | C | | 999 |
| 2720 | SGP | Split Goods Placement | M | 1 | |
| | | | | | |
| 2740 | | Segment Group 62: MEA | C | | 9 |
| 2750 | MEA | Measurements | M | 1 | |
| | | | | | |
| 2770 | | Segment Group 63: TCC-PRI-PCD-MOA-QTY-LOC | C | | 99 |
| 2780 | TCC | Transport Charge/Rate Calculations | M | 1 | |
| 2800 | PRI | Price Details | C | 1 | |
| 2820 | PCD | Percentage Details | C | 1 | |
| 2830 | MOA | Monetary Amount | C | 9 | |
| 2840 | QTY | Quantity | C | 9 | |
| 2850 | LOC | Place/Location Identification | C | 9 | |
| | | | | | |
| 2860 | | Segment Group 64: ICD-DTM-FTX | C | | 99 |
| 2870 | ICD | Insurance Cover Description | M | 1 | |
| 2880 | DTM | Date/Time/Period | C | 1 | |
| 2890 | FTX | Free Text | C | 9 | |
| | | | | | |
| 2900 | | Segment Group 65: DGS-FTX-SG66-SG67-SG68 | C | | 99 |
| 2910 | DGS | Dangerous Goods | M | 1 | |
| 2920 | FTX | Free Text | C | 99 | |
| | | | | | |
| 2930 | | Segment Group 66: CTA-COM | C | | 9 |
| 2940 | CTA | Contact Information | M | 1 | |
| 2950 | COM | Communication Contact | C | 9 | |
| | | | | | |
| 2960 | | Segment Group 67: MEA | C | | 9 |
| 2970 | MEA | Measurements | M | 1 | |
| | | | | | |
| 2990 | | Segment Group 68: SGP-SG69 | C | | 999 |
| 3000 | SGP | Split Goods Placement | M | 1 | |
| | | | | | |

| P o s . No. | Seg. Id | Name | R e q . Des. | M a x . Use | Group Re- peat |
|----------------|------------|---|-----------------|----------------|-------------------|
| 3010 | | Segment Group 69: MEA | C | | 9 |
| 3020 | MEA | Measurements | M | 1 | |
| | | | | | |
| 3040 | | Segment Group 70: EQD-EQN-TMD-MEA-DIM-SEL-TPL-HAN-TMP-FTX-PCD-RFF-SG71-SG72-SG73-SG74 | C | | 999 |
| 3050 | EQD | Equipment Details | M | 1 | |
| 3060 | EQN | Number of Units | C | 1 | |
| 3070 | TMD | Transport Movement Details | C | 1 | |
| 3080 | MEA | Measurements | C | 9 | |
| 3090 | DIM | Dimensions | C | 9 | |
| 3100 | SEL | Seal Number | C | 99 | |
| 3110 | TPL | Transport Placement | C | 9 | |
| 3120 | HAN | Handling Instructions | C | 1 | |
| 3130 | TMP | Temperature | C | 1 | |
| 3140 | FTX | Free Text | C | 9 | |
| 3150 | PCD | Percentage Details | C | 9 | |
| 3155 | RFF | Reference | C | 9 | |
| | | | | | |
| 3160 | | Segment Group 71: TCC-PRI-PCD-MOA-QTY | C | | 99 |
| 3170 | TCC | Transport Charge/Rate Calculations | M | 1 | |
| 3190 | PRI | Price Details | C | 1 | |
| 3210 | PCD | Percentage Details | C | 1 | |
| 3220 | MOA | Monetary Amount | C | 9 | |
| 3230 | QTY | Quantity | C | 9 | |
| | | | | | |
| 3240 | | Segment Group 72: NAD-DTM | C | | 9 |
| 3250 | NAD | Name and Address | M | 1 | |
| 3260 | DTM | Date/Time/Period | C | 1 | |
| | | | | | |
| 3270 | | Segment Group 73: EQA-EQN | C | | 99 |
| 3280 | EQA | Attached Equipment | M | 1 | |
| 3290 | EQN | Number of Units | C | 1 | |
| | | | | | |
| 3300 | | Segment Group 74: DGS-FTX-SG75 | C | | 99 |
| 3310 | DGS | Dangerous Goods | M | 1 | |
| 3320 | FTX | Free Text | C | 9 | |
| | | | | | |
| 3330 | | Segment Group 75: CTA-COM | C | | 9 |
| 3340 | CTA | Contact Information | M | 1 | |
| 3350 | COM | Communication Contact | C | 9 | |

This is a Non-Standards Track Work Product
The patent provisions of the OASIS IPR Policy do not apply.

| P o s . No. | Seg. Id | Name | R e q . Des. | M a x . Use | Group Re- peat |
|------------------------|--------------------|-----------------|-------------------------|------------------------|---------------------------|
| 3360 | UNT | Message Trailer | M | 1 | |

4 Examples

4.1 Example shipping instructions

4.1.1 UN/EDIFACT data example shipping instructions

```
BGM+340:::SI_LINK+6907611:1.28+9
DTM+137:200802211544:203
TSR+30+2
FTX+AAI+++FREE TEXT
CNT+7:21704:KGM
CNT+11:20
CNT+16:1
LOC+57+BEZEE::6:ZEEBRUGGE
LOC+73+SEGOT::6
DTM+95:20080227:102
RFF+FF:Forwarder's Reference
RFF+BN:Booking Number
RFF+SI:SID
CPI+4++P
TDT+20+046E+1++NYKS:172+++:::MOL INTEGRITY
LOC+7+PHMNS::6
LOC+9+BEZEE::6
LOC+11+PHMNS::6
LOC+88+BEZEE::6
NAD+CA+NYKS:160:87++N Y K (NIPPON YUSEN KAISHA)
DOC+706+:26++3
DOC+707+:26++5
NAD+FW+808053:160:ZZZ++Stora Enso Logistics AB+Box 2556:Sydatlanten 17:
SE-40317 Goeteborg:Sweden
NAD+CN+++FIL-ANCHOR PAPER CO INC+434436 RIVERSIDE STREET:NAVOTAS,METRO
MANILA:MANILA:PHILIPPINES
NAD+CZ+++STORA ENSO FORS AB+SE-774 89 FORS:SWEDEN
NAD+NI+++FIL-ANCHOR PAPER CO INC+434436 RIVERSIDE STREET:NAVOTAS,METRO
MANILA:MANILA:PHILIPPINES
GID+1+20:RL::6:REELS
FTX+AAA+++FREE TEXT
MEA+AAE+WT+KGM:21704
PCI++FIL-ANCHOR:MANILA:MADE IN SWEDEN:F3PH-886186 001:F3PH-886187
001:F3PH-886188 001
EQD+CN+NYKU5973119+45G0
SEL+332531
```

4.1.2 Example UBL equivalent shipping instructions

```
<cbc:ProfileID>9</cbc:ProfileID>
<cbc:ID>6907611</cbc:ID>
<cbc:IssueDate>2008-02-21</cbc:IssueDate>
<cbc:IssueTime>15:44:00.0Z</cbc:IssueTime>
<cbc:Name>SI_LINK</cbc:Name>
<cac:Shipment>
  <cbc:ID>6907611</cbc:ID>
  <cac:Consignment>
    <cbc:ID>6907611</cbc:ID>
    <cbc:GrossWeightMeasure unitCode="KGM">21704</cbc:GrossWeightMeasure>
```

```
<cbc:Information>FREE TEXT</cbc:Information>
<cbc:TotalTransportHandlingUnitQuantity
    >1</cbc:TotalTransportHandlingUnitQuantity>
<cbc:TotalPackagesQuantity>20</cbc:TotalPackagesQuantity>
<cac:ConsigneeParty>
  <cac:PartyName>
    <cbc:Name>FIL-ANCHOR PAPER CO INC</cbc:Name>
  </cac:PartyName>
  <cac:PhysicalLocation>
    <cac:Address>
      <cbc:StreetName>RIVERSIDE STREET</cbc:StreetName>
      <cbc:BuildingNumber>434436</cbc:BuildingNumber>
      <cbc:CityName>NAVOTAS</cbc:CityName>
      <cbc:CountrySubentity>METRO MANILA</cbc:CountrySubentity>
    </cac:Address>
    <cbc:Country>
      <cbc:Name>Philippines</cbc:Name>
    </cbc:Country>
  </cac:PhysicalLocation>
</cac:ConsigneeParty>
<cac:ConsignorParty>
  <cac:PartyName>
    <cbc:Name>STORA ENSO FORS AB</cbc:Name>
  </cac:PartyName>
  <cac:PhysicalLocation>
    <cac:Address>
      <cbc:CityName>FORS</cbc:CityName>
      <cbc:PostalZone>SE-774 89</cbc:PostalZone>
    </cac:Address>
    <cbc:Country>
      <cbc:Name>Sweden</cbc:Name>
    </cbc:Country>
  </cac:PhysicalLocation>
</cac:ConsignorParty>
<cac:FreightForwarderParty>
  <cac:PartyIdentification>
    <cbc:ID schemeID="160" schemeAgencyID="ZZ">808053</cbc:ID>
  </cac:PartyIdentification>
  <cac:PartyName>
    <cbc:Name>Stora Enso Logistics AB</cbc:Name>
  </cac:PartyName>
  <cac:PhysicalLocation>
    <cac:Address>
      <cbc:Postbox>Box 2556</cbc:Postbox>
      <cbc:CityName>Goeteborg</cbc:CityName>
      <cbc:PostalZone>SE-40317</cbc:PostalZone>
      <cbc:CountrySubentity>Sydatlanten</cbc:CountrySubentity>
      <cbc:CountrySubentityCode>17</cbc:CountrySubentityCode>
    </cac:Address>
    <cbc:Country>
      <cbc:Name>Sweden</cbc:Name>
    </cbc:Country>
  </cac:PhysicalLocation>
</cac:FreightForwarderParty>
<cac:NotifyParty>
  <cac:PartyName>
    <cbc:Name>FIL-ANCHOR PAPER CO INC</cbc:Name>
  </cac:PartyName>
```

```
<cac:PhysicalLocation>
  <cac:Address>
    <cbc:StreetName>RIVERSIDE STREET</cbc:StreetName>
    <cbc:BuildingNumber>434436</cbc:BuildingNumber>
    <cbc:CityName>NAVOTAS</cbc:CityName>
    <cbc:CountrySubentity>METRO MANILA</cbc:CountrySubentity>
    <cac:Country>
      <cbc:Name>Philippines</cbc:Name>
    </cac:Country>
  </cac:Address>
</cac:PhysicalLocation>
</cac:NotifyParty>
<cac:TransportEvent>
  <cbc:IdentificationID>Payment</cbc:IdentificationID>
  <cac:Location>
    <cbc:ID schemeAgencyID="6">BEZEE</cbc:ID>
    <cbc:Description>ZEEBRUGGE</cbc:Description>
  </cac:Location>
</cac:TransportEvent>
<cac:TransportEvent>
  <cbc:IdentificationID>Bill of Lading Release</cbc:IdentificationID>
  <cbc:OccurrenceDate>2008-02-27</cbc:OccurrenceDate>
<cac:Location>
  <cbc:ID schemeAgencyID="6">SEGOT</cbc:ID>
</cac:Location>
</cac:TransportEvent>
<cac:OriginalDespatchTransportationService>
  <cbc:TransportServiceCode/>
  <cbc:TransportationServiceDescription/>
</cac:OriginalDespatchTransportationService>
<cac:FreightAllowanceCharge>
  <cbc:ChargeIndicator>true</cbc:ChargeIndicator>
  <cbc:AllowanceChargeReasonCode>4</cbc:AllowanceChargeReasonCode>
  <cbc:PrepaidIndicator>true</cbc:PrepaidIndicator>
  <cbc:Amount currencyID="USD">0.0</cbc:Amount>
</cac:FreightAllowanceCharge>
</cac:Consignment>
<cac:GoodsItem>
  <cbc:ID>1</cbc:ID>
  <cbc:Description>FREE TEXT</cbc:Description>
  <cbc:GrossWeightMeasure unitCode="KGM">21704</cbc:GrossWeightMeasure>
  <cbc:Quantity unitCode="RL">20</cbc:Quantity>
  <cac:ContainingPackage>
    <cbc:PackagingTypeCode listAgencyID="6">RL</cbc:PackagingTypeCode>
    <cbc:PackingMaterial>REELS</cbc:PackingMaterial>
  </cac:ContainingPackage>
</cac:GoodsItem>
<cac:ShipmentStage>
  <cbc:ID>20</cbc:ID>
  <cbc:TransportModeCode>1</cbc:TransportModeCode>
  <cbc:TransportMeansTypeCode>3</cbc:TransportMeansTypeCode>
  <cac:CarrierParty>
    <cac:PartyIdentification>
      <cbc:ID schemeID="172">NYKS</cbc:ID>
    </cac:PartyIdentification>
  </cac:CarrierParty>
<cac:CarrierParty>
  <cac:PartyIdentification>
```

```
<cbc:ID schemeID="160" schemeAgencyID="87">NYKS</cbc:ID>
</cac:PartyIdentification>
<cac:PartyName>
  <cbc:Name>N Y K (NIPPON YUSEN KAISHA)</cbc:Name>
</cac:PartyName>
</cac:CarrierParty>
<cac:TransportMeans>
  <cbc:JourneyID>046E</cbc:JourneyID>
  <cac:MaritimeTransport>
    <cbc:VesselName>MOL INTEGRITY</cbc:VesselName>
  </cac:MaritimeTransport>
</cac:TransportMeans>
<cac:LoadingPortLocation>
  <cbc:ID schemeAgencyID="6">BEZEE</cbc:ID>
</cac:LoadingPortLocation>
<cac:DischargeTransportEvent>
  <cac:Location>
    <cbc:ID schemeAgencyID="6">PHMNS</cbc:ID>
  </cac:Location>
</cac:DischargeTransportEvent>
<cac:DeliveryTransportEvent>
  <cac:Location>
    <cbc:ID schemeAgencyID="6">PHMNS</cbc:ID>
  </cac:Location>
</cac:DeliveryTransportEvent>
<cac:ReceiptTransportEvent>
  <cac:Location>
    <cbc:ID schemeAgencyID="6">BEZEE</cbc:ID>
  </cac:Location>
</cac:ReceiptTransportEvent>
</cac:ShipmentStage>
<cac:TransportHandlingUnit>
  <cbc:ShippingMarks>FIL-ANCHOR : MANILA : MADE IN SWEDEN : F3PH-886186
    001 : F3PH-886187 001 : F3PH-886188 001</cbc:ShippingMarks>
  <cac:TransportEquipment>
    <cbc:ID>NYKU5973119</cbc:ID>
    <cbc:TransportEquipmentTypeCode>CN</cbc:TransportEquipmentTypeCode>
    <cbc:SizeTypeCode>45G0</cbc:SizeTypeCode>
    <cac:TransportEquipmentSeal>
      <cbc:ID>332531</cbc:ID>
    </cac:TransportEquipmentSeal>
  </cac:TransportEquipment>
</cac:TransportHandlingUnit>
</cac:Shipment>
<cac:DocumentReference>
  <cbc:ID>6907611</cbc:ID>
  <cbc:DocumentTypeCode>340</cbc:DocumentTypeCode>
  <cbc:DocumentStatusCode>1.28</cbc:DocumentStatusCode>
</cac:DocumentReference>
<cac:DocumentReference>
  <cbc:ID>Forwarder's Reference</cbc:ID>
  <cbc:DocumentTypeCode>FF</cbc:DocumentTypeCode>
</cac:DocumentReference>
<cac:DocumentReference>
  <cbc:ID>Booking Number</cbc:ID>
  <cbc:DocumentTypeCode>BN</cbc:DocumentTypeCode>
</cac:DocumentReference>
<cac:DocumentReference>
```

```
<cbc:ID>SID</cbc:ID>  
<cbc:DocumentTypeCode>SI</cbc:DocumentTypeCode>  
</cac:DocumentReference>
```

4.2 Example forwarding instructions

4.2.1 UN/EDIFACT data example forwarding instructions

```
BGM+610+6332177135+9'  
DTM+137:20120915:102'  
DTM+234:201209151000:203'  
TSR++3+3'  
TSR++52'23  
FTX+SIC+++Pickup instructions'  
FTX+BLR+++Delivery instructions on document'  
FTX+CLR+++Delivery instructions'  
CNT+11:1:PCE'  
CNT+7:100:KGM'  
RFF+AAS:6332177135'  
RFF+CU:Senders reference'  
CPI+++P'  
TDT+20++3'  
LOC+5+20211:16::Malm\'f6'  
LOC+8+37047:16::Karlskrona'  
NAD+CZ+12345678::87++Test Sender Company AB+Bjur\'f6gatan 15+Malm\  
'f6++20211+SE'  
NAD+PW+++Test Pickup Company AB+Asp\'f6gatan 2+Malm\'f6++20212+SE'  
NAD+CN+++Test Consignee AB+Testgatan 1+Karlskrona++37147+SE'  
NAD+DP+++Test Delivery AB+Testgatan 2+Ronneby++37230+SE'  
NAD+NI+++Test Notify Company AB+Testgatan 2+Ronneby++37230+SE'  
CTA+IC+:Anders Andersson'  
COM+070123456+TE'  
GID+1+1:Z01'  
RNG+1+CEL:10:25'  
FTX+AAA+++Elektronik'  
MEA+WT+G+KGM:100'  
PCI+18+373323991863119097'  
PCI+24+Artikel no 12345'  
DGS+ADR+1.1+1010'  
FTX+AAD+++TEST'  
EQD+EFP'  
EQN+1'
```

4.2.2 Example UBL equivalent forwarding instructions

```
<cbc:ID>6332177135</cbc:ID>  
<cbc:IssueDate>2012-09-15</cbc:IssueDate>  
<cac:Shipment>  
  <cbc:ID>6332177135</cbc:ID>  
  <cbc:ShippingPriorityLevelCode>3</cbc:ShippingPriorityLevelCode>  
  <cac:Consignment>  
    <cbc:ID>6332177135</cbc:ID>  
    <cbc:GrossWeightMeasure unitCode="KGM">100</cbc:GrossWeightMeasure>  
    <cbc:Remarks>Delivery instructions on document</cbc:Remarks>  
    <cbc:CarrierServiceInstructions  
      >Pickup instructions</cbc:CarrierServiceInstructions>  
    <cbc:HandlingInstructions>Delivery instructions</cbc:HandlingInstructions>
```

```
<cbc:TotalGoodsItemQuantity>1</cbc:TotalGoodsItemQuantity>
<cac:ConsigneeParty>
  <cac:PartyName>
    <cbc:Name>Test Consignee AB</cbc:Name>
  </cac:PartyName>
  <cac:PhysicalLocation>
    <cac:Address>
      <cbc:StreetName>Testgatan</cbc:StreetName>
      <cbc:BuildingNumber>1</cbc:BuildingNumber>
      <cbc:CityName>Karlskrona</cbc:CityName>
      <cbc:PostalZone>37147</cbc:PostalZone>
      <cac:Country>
        <cbc:IdentificationCode>SE</cbc:IdentificationCode>
      </cac:Country>
    </cac:Address>
  </cac:PhysicalLocation>
</cac:ConsigneeParty>
<cac:ConsignorParty>
  <cac:PartyIdentification>
    <cbc:ID schemeAgencyID="87">12345678</cbc:ID>
  </cac:PartyIdentification>
  <cac:PartyName>
    <cbc:Name>Test Sender Company AB</cbc:Name>
  </cac:PartyName>
  <cac:PhysicalLocation>
    <cac:Address>
      <cbc:StreetName>Bjurögatan</cbc:StreetName>
      <cbc:BuildingNumber>15</cbc:BuildingNumber>
      <cbc:CityName>Malmö</cbc:CityName>
      <cbc:PostalZone>20211</cbc:PostalZone>
      <cac:Country>
        <cbc:IdentificationCode>SE</cbc:IdentificationCode>
      </cac:Country>
    </cac:Address>
  </cac:PhysicalLocation>
</cac:ConsignorParty>
<cac:NotifyParty>
  <cac:PartyName>
    <cbc:Name>Test Notify Company AB</cbc:Name>
  </cac:PartyName>
  <cac:PhysicalLocation>
    <cac:Address>
      <cbc:StreetName>Testgatan</cbc:StreetName>
      <cbc:BuildingNumber>3</cbc:BuildingNumber>
      <cbc:CityName>Ronneby</cbc:CityName>
      <cbc:PostalZone>37230</cbc:PostalZone>
      <cac:Country>
        <cbc:IdentificationCode>SE</cbc:IdentificationCode>
      </cac:Country>
    </cac:Address>
  </cac:PhysicalLocation>
</cac:NotifyParty>
<cac:OriginalDespatchParty>
  <cac:PartyName>
    <cbc:Name>Test Pickup Company AB</cbc:Name>
  </cac:PartyName>
  <cac:PhysicalLocation>
    <cac:Address>
```

```
<cbc:StreetName>Aspögatan</cbc:StreetName>
<cbc:BuildingNumber>2</cbc:BuildingNumber>
<cbc:CityName>Malmö</cbc:CityName>
<cbc:PostalZone>20222</cbc:PostalZone>
<cac:Country>
  <cbc:IdentificationCode>SE</cbc:IdentificationCode>
</cac:Country>
</cac:Address>
</cac:PhysicalLocation>
</cac:OriginalDespatchParty>
<cac:FinalDeliveryParty>
  <cac:PartyName>
    <cbc:Name>Test Delivery AB</cbc:Name>
  </cac:PartyName>
  <cac:PhysicalLocation>
    <cac:Address>
      <cbc:StreetName>Testgatan</cbc:StreetName>
      <cbc:BuildingNumber>2</cbc:BuildingNumber>
      <cbc:CityName>Ronneby</cbc:CityName>
      <cbc:PostalZone>37230</cbc:PostalZone>
      <cac:Country>
        <cbc:IdentificationCode>SE</cbc:IdentificationCode>
      </cac:Country>
    </cac:Address>
  </cac:PhysicalLocation>
</cac:FinalDeliveryParty>
<cac:OriginalDespatchTransportationService>
  <cbc:TransportServiceCode listAgencyID="23">3</cbc:TransportServiceCode>
</cac:OriginalDespatchTransportationService>
<cac:FreightAllowanceCharge>
  <cbc:ChargeIndicator>true</cbc:ChargeIndicator>
  <cbc:PrepaidIndicator>true</cbc:PrepaidIndicator>
  <cbc:Amount currencyID="SEK">0.00</cbc:Amount>
</cac:FreightAllowanceCharge>
</cac:Consignment>
<cac:GoodsItem>
  <cbc:ID>1</cbc:ID>
  <cbc:Description>Elektronik</cbc:Description>
  <cbc:GrossWeightMeasure unitCode="KGM">100</cbc:GrossWeightMeasure>
  <cbc:Quantity>1</cbc:Quantity>
  <cac:Item>
    <cac:HazardousItem>
      <cbc:UNDGCode>1010</cbc:UNDGCode>
      <cbc:TechnicalName>TEST</cbc:TechnicalName>
      <cbc:HazardClassID>1.1</cbc:HazardClassID>
      <cac:HazardousGoodsTransit>
        <cbc:HazardousRegulationCode>ADR</cbc:HazardousRegulationCode>
      </cac:HazardousGoodsTransit>
    </cac:HazardousItem>
  </cac:Item>
  <cac:ContainingPackage>
    <cbc:PackagingTypeCode>Z01</cbc:PackagingTypeCode>
  </cac:ContainingPackage>
  <cac:MinimumTemperature>
    <cbc:AttributeID>1</cbc:AttributeID>
    <cbc:Measure unitCode="CEL">10</cbc:Measure>
  </cac:MinimumTemperature>
  <cac:MaximumTemperature>
```

```
<cbc:AttributeID>1</cbc:AttributeID>
<cbc:Measure unitCode="CEL">25</cbc:Measure>
</cac:MaximumTemperature>
</cac:GoodsItem>
<cac:ShipmentStage>
<cbc:ID>20</cbc:ID>
<cbc:TransportMeansTypeCode>3</cbc:TransportMeansTypeCode>
<cac:AvailabilityTransportEvent>
<cbc:OccurrenceDate>2008-02-27</cbc:OccurrenceDate>
</cac:AvailabilityTransportEvent>
<cac:ActualDepartureTransportEvent>
<cac:Location>
<cbc:ID>20211</cbc:ID>
<cbc:LocationTypeCode>16</cbc:LocationTypeCode>
<cbc:Name>Malmö</cbc:Name>
</cac:Location>
</cac:ActualDepartureTransportEvent>
<cac:ActualArrivalTransportEvent>
<cac:Location>
<cbc:ID>37047</cbc:ID>
<cbc:LocationTypeCode>16</cbc:LocationTypeCode>
<cbc:Name>Karlskrona</cbc:Name>
</cac:Location>
</cac:ActualArrivalTransportEvent>
</cac:ShipmentStage>
<cac:TransportHandlingUnit>
<cbc:ID>18</cbc:ID>
<cbc:ShippingMarks>373323991863119097</cbc:ShippingMarks>
<cac:TransportEquipment>
<cbc:TransportEquipmentTypeCode>EFP</cbc:TransportEquipmentTypeCode>
</cac:TransportEquipment>
</cac:TransportHandlingUnit>
<cac:TransportHandlingUnit>
<cbc:ID>24</cbc:ID>
<cbc:ShippingMarks>Artikel no 12345</cbc:ShippingMarks>
</cac:TransportHandlingUnit>
</cac:Shipment>
<cac:DocumentReference>
<cbc:ID>6332177135</cbc:ID>
<cbc:DocumentTypeCode>610</cbc:DocumentTypeCode>
<cbc:DocumentStatusCode>9</cbc:DocumentStatusCode>
<cbc:DocumentDescription/>
<cac:IssuerParty>
<cac:Person>
<cbc:FirstName>Anders</cbc:FirstName>
<cbc:FamilyName>Andersson</cbc:FamilyName>
<cac:Contact>
<cbc:Telephone>070123456</cbc:Telephone>
</cac:Contact>
</cac:Person>
</cac:IssuerParty>
</cac:DocumentReference>
<cac:DocumentReference>
<cbc:ID>6332177135</cbc:ID>
<cbc:DocumentTypeCode>AAS</cbc:DocumentTypeCode>
</cac:DocumentReference>
<cac:DocumentReference>
<cbc:ID>Senders reference</cbc:ID>
```



```
<cbc:DocumentTypeCode>CU</cbc:DocumentTypeCode>  
</cac:DocumentReference>
```

Appendix A Release Notes

A.1 Availability

Online and downloadable versions of this release are available from the locations specified at the top of this document.

A.2 Package structure

This OASIS Committee Note is published as a zip archive in the <http://docs.oasis-open.org/ubl/UBL-IFTM-Mapping/v1.0/cn01/> directory. Unzipping this archive creates a directory tree containing a number of files and subdirectories. Note that while the XML file comprises the revisable version of this specification, this revisable XML may not be directly viewable in all currently available web browsers.

UBL-IFTM-Mapping-v1.0-cn01.xml

The revisable form of the cover document.

UBL-IFTM-Mapping-v1.0-cn01.html

An HTML rendering of the cover document.

UBL-IFTM-Mapping-v1.0-cn01.pdf

A PDF rendering of the cover document.

[UBL-IFTM-Mapping-v1.0-cn01-attachment.pdf](#)

The PDF attachment with the messages annotated with the UBL mappings.

There is one subdirectory in the package:

db

DocBook documentation support files

Appendix B Acknowledgements (Non-Normative)

The following individuals have participated in the creation of this specification and are gratefully acknowledged:

Oriol Bausa Peris, Individual
Kenneth Bengtsson, Alfa1lab
Peter Borresen, Document Engineering Services Limited
Jon Bosak, Individual
Kees Duvekot, RFS Holland Holding B.V.
Martin Forsberg, Swedish Association of Local Authorities & Regions
G. Ken Holman, Crane Softwrights Ltd.
Ole Madsen, Danish Agency for Digitisation, Ministry of Finance
Tim McGrath, Document Engineering Services Limited
Andrew Schoka, Individual