

# Ocean Freight Industry EIPP Standards Advisory Board

## Guideline 4 Version 1.0 Revision 1

### Codes for EIPP

#### PUBLIC REVIEW DRAFT

<b>Business Domain</b>	Ocean Freight Industry
<b>Business Process</b>	Any
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<b>Work Team</b>	Message Structure & Codes

#### Revision History

Date	Version	What has changed
2012-06-01	1.0	Initial version
2012-10-22	1.0 d2	Added S13 and S14 for payment advice
2014-10-15	1.0 d3	Added S15 Tax Exemption, S16 InformationOnly, S17 Attachment Type
2014-10-30	1.0 d3	Added S18 Invoice Type
2014-12-08	1.0 d3	Changed S18 Invoice Type
2015-05-19	1.0 prd1	Publication for Public Review

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## 1 Introduction

This guideline defines the codes which shall be used in EIPP.

## 2 Background

In 2010 carriers, freight forwarders and other players in the ocean freight industry established the EIPP Standards Advisory Board as a forum for discussing and designing collaborative processes for carriers, freight forwarders and others in the ocean freight industry. The Ocean Freight Industry EIPP Standards Advisory Board will advise on the standards that will shape electronic invoicing for the ocean freight industry. Its purpose will be to

- Understand and influence standards and regulations for electronic invoicing and to provide a roadmap for service and product development;
- Determine the implementation of current standards used in the industry;
- Determine and prioritize the adoption of future standards used by the industry;
- Allow ocean freight industry participants to take advantage of electronic business and preserve their investments in systems development and operations;
- Collaborate with colleagues, customers, and leaders with foresight in the field;
- Learn from experience and best practices in related field (e.g. other transport modes, banking, public sector);
- Provide a framework for the ocean freight Industry to influence international standards activities.

The overall vision is to establish a set of guidelines for best practices based on international standards that will ensure the adoption and long-term sustainability of electronic invoicing for our industry.

For this purpose the board establishes several work teams including the work team *Message Structure & Codes*. First line target of this work team is to

- Develop a common structure for the data elements
- Define EDIFACT implementation standards
- Define how cancelation scenarios shall be reflected in the message
- Get a common understanding of accepted code lists.

## 3 Scope

The elements in the dictionary are to support any electronic exchange related to the invoicing processes of the ocean freight industry. These processes include, but are not limited to, submission of invoices or pre-invoices, disputing invoices and advising payments.

### 3.1 Principles

The guideline identifies fields for the application of common codes.

The guideline suggests coding by assigning each data element which is potentially worth coding to one of the following approaches.

Approach	Description
<b>Existing</b> code list	It is advised to use codes from an existing code list, whose source is named.
<b>Subset</b> of an existing code list	It is advised to use codes from an existing code list. However since this code list is too generic for the purpose of EIPP, this guideline establishes a subset of this code list and provides additional instructions on how and when to use the codes of this subset. Defined subsets are identified and referenced by Snn, where nn is a two digit running number.
<b>New</b> code list	A code list is defined by this guideline. Defined code lists are identified and referenced with 'Cnn', where nn is a running number.
<b>None</b>	While an agreed coding is quite desirable, there is presently no realistic opportunity to establish one.

### 3.2 Identification

For the purpose of referencing this guideline in other works the following naming rules must be used to identify a specification and can be applied to URIs and Namespaces that may be required:

***OFI-EIPP-SAB-[Document\_name]-[Artifact\_type]-[Version]-[Revision]***

These are all the URI components:

- OFI = Ocean Freight Industry
- SAB = Standards Advisory Board
- EIPP = Electronic Invoicing Presentment and Payment
- Guideline Number
- Document\_name = Codes
- Artifact\_type = CODE (Codes)
- Version: v(Major version).(Minor version)
- Release
  - D (Internal Draft)
  - PRD (Public Review Draft)
  - CS (Committee Standard)

Examples:

**FILE NAMES:**

OFI-SAB-EIPP- 4-Codes -CODE -1.0.\*

**URIs:**

urn:X-ofi-sab:eipp:4- Codes -CODE - 1.0.\*

[www.ofi-sab.org/eipp/4- Codes -CODE -1.0.\\*/](http://www.ofi-sab.org/eipp/4- Codes -CODE -1.0.*/)

## 4 Coding of Data Elements

Data Element	Data Element Name	Coding Approach	Applicable list	Remarks
002	Invoice Type	Subset	S18 Invoice Type	
006.1.4.1	Payer-Country of Tax ID	Existing	ISO 3166-1 Alpha 2	
006.1.4.2	Payer-Tax Scheme	Subset	S11 Tax Type	
006.10.1	Contract Party-Company Code	Senders are requested to use one of the codes listed in the message model. These include D-U-N-S, INTTRA code, senders code, receivers code or tax Id.		
006.10.3.2	Contract Party-UN Country Code	Existing	ISO 3166-1 Alpha 2	
006.10.3.4	Contract Party-Official Subdivision Code	None	National codes	
006.10.3.6	Contract Party-UN Location Code	Existing	UN/LOCODE	
008.1	Payment Terms Code	New	To be defined	
010.24	Commodity Code	None		
011.3	Amount Currency	Existing	ISO 4217	
011.4	Type of currency	Subset	S10 Currency type	
012.4	Tax Currency	Existing	ISO 4217	
012.7.1	Tax Exempted	New	S15 Tax Exemption	
013.1	Exchanged Currency	Existing	ISO 4217	
013.2	Target Currency	Existing	ISO 4217	
014.2	Charge Currency	Existing	ISO 4217	
015.01	Charge Code	Subset	S12 Charge Code	
016.1.1	Place of Receipt-UN Code	Existing	UN/LOCODE	
016.2.1	Port of Loading-UN Code	Existing	UN/LOCODE	
016.3.1	Port of Transshipment-UN Code	Existing	UN/LOCODE	
016.4.1	Port of Discharge-UN Code	Existing	UN/LOCODE	
016.5.1	Place of Delivery-UN Code	Existing	UN/LOCODE	
018.2	Amount-Unit of	Subset	S01 Rate Unit	

measurement			
<b>018.6</b>	Charge Currency	Existing	ISO 4217
<b>019.01</b>	Mode of Transport Origin	Subset	S08 Mode of Transport
<b>019.02</b>	Mode of Transport Destination	Subset	S08 Mode of Transport
<b>021.1</b>	Vessel Code	Existing	IMO Ship Identification Number
<b>023.1</b>	Type of Package	Existing	UN/ECE Rec. No 21
<b>026.1</b>	Commodity Code	None	
	Leg Type	Subset	S06 Leg Type
<b>027.2</b>	Cargo Gross Volume-Unit	Subset	S02 Volume
<b>028.2</b>	Cargo Gross Weight-Unit	Subset	S03 Weight
<b>029.1</b>	IMDG Class	Existing	International Maritime Dangerous Goods (IMDG) Code
<b>029.2</b>	UNDG Number	Existing	UN Number
<b>030.1</b>	Container Type-ISO Code	Existing	ISO 6346
<b>030.2</b>	Container Type-ISO Size Type	Existing	ISO 6346
<b>031</b>	Laden-Empty Indicator	Subset	S05 Laden Empty
<b>032.2</b>	Container Gross Weight-Unit	Subset	S03 Weight
<b>033.1.2</b>	Overheight-Unit	Subset	S04 Dimension
<b>033.2.2</b>	Overwidth Right-Unit	Subset	S04 Dimension
<b>033.3.2</b>	Overwidth Left-Unit	Subset	S04 Dimension
<b>033.4.2</b>	Overlength Front-Unit	Subset	S04 Dimension
<b>033.5.2</b>	Overlength Rear-Unit	Subset	S04 Dimension
<b>034</b>	Container Operator	Subset	S07 Operator
<b>035.2</b>	Substituted Type	Existing	ISO 6346
<b>037</b>	Prepaid Collect Indicator	Subset	S09 Prepaid collect
<b>038</b>	Invoice Scenario	New	C01 Invoice Scenario
<b>041</b>	Means of Payment	Subset	S13 Means of Payment
<b>045.1</b>	Adjustment Reason - code	Subset	S14 Adjustment Reason
<b>050</b>	InformationOnly	New	S15 InformationOnly
<b>051.2</b>	Attachment Type	New	S17 Attachment Type

## 5 Code Lists

See attachment 1 to this guideline: <http://www.ofi-sab.org/eipp/model/v2.0/OFI-EIPP-SAB-4-Codes-CODE-v1.0.-cs1.xlsx>