Ocean Freight Industry EIPP Standards Advisory Board Guideline 1 Version 1.1 Revision 1 Data Elements Dictionary for EIPP

PUBLIC REVIEW DRAFT

Business Domain	Ocean Freight Industry
Business Process	Any
Guideline Identification	OFI-SAB-EIPP- 1-DataElementDictionary-DIC -v1.1-prd1
Version	1.1
Revision	1
Release date	2015-05-19
Work Team	Message Structure & Codes

Revision History

Date	Version	What has changed
2012-03-30	1.0	Initial version
2014-12-10	1.1	Changes to the specification
2015-05-19	1.1	Publication for Public Review

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1 Introduction

This guideline establishes a dictionary of all data elements relevant for electronic invoice presentment, dispute and payment and any directly related process in the ocean freight industry.

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 Data Elements Dictionary represents a unique index of all information items that are used in EIPP.

A data element is a single entry in the Data Elements Dictionary and represents a unique business information. This element can be sub-divided into (sub-) data elements and these again can be sub-divided and so forth.

Every data element has a unique identifier, which shows the whole hierarchy of super data elements separated by a dot. The data element identifier is thus a sequence of numbers separated by dots.

Example: 006.06.5.2   Shipper Contact Name

>   006   : Party
>   06   : Shipper
>   5   : Shipper-Contact Details
>   1   : Shipper-Contact Name

The element 006.06.5.2 Shipper-Contact Name is a sub element of 006.06.5 Shipper-Contact Details which itself is a sub element of 006.06 Shipper which again is a sub element of 006 Party.

The numbers within the identifier are just to distinguish data elements. They do not say anything about order or sequence. They can be represented with leading zeros for better visual alignment or without. So 006.06.5.2 represents the same data element as 6.6.5.2.

Each data element is defined by its identifier and a description. The description is independent of any message. Description specific to the usage of a data element in a certain message is not part of the dictionary but will be given in subsequent guidelines specific to the message. Future revisions of this guideline may also indicate the type and length of the data element and coding.

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]-[Release]

These are all the URI components:

- OFI = Ocean Freight Industry
- SAB = Standards Advisory Board
- EIPP = Electronic Invoicing Presentment and Payment
- Guideline Number
- Document_name = DataElementDictionary
- Artifact_type = DIC (Dictionary)
- Version = v (Major version).(Minor version)
- Release -
    - d - Draft   (Internal Draft)
    - prd -Public Review Draft
    - cs - Committee Specification (Standard)

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Examples:

FILE NAMES:

OFI-SAB-EIPP- 1-DataElementDictionary -DIC-v1.1-cs1

URIs:

urn:X-ofi-sab:eipp:1-DataElementDictionary-DIC-Draft-v1.1.*

www.ofi-sab.org/eipp/1-DataElementDictionary -DIC-Draft-v1.1.*/

4   Data Dictionary

See attached to this guideline: http://www.ofi-sab.org/eipp/model/v0.1/ OFI-EIPP-SAB-1-DataElementDictionary-DIC-v1.1-prd1.xlsx