



“Port management (port communities and UN/LOCODE Ports) past, present, future”

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**UN/LOCODE Conference
28 April, Geneva, Switzerland**

IPCSA

- Launched in June 2011 as the European Port Community Systems Association (EPCSA) to represent Port Community System Operators (PCSOs) & Port Authorities at an European level.
- Became the International Port Community Systems Association (IPCSA) on 1st September 2014 to represent it's growing international membership and to represent members interests at an international level.



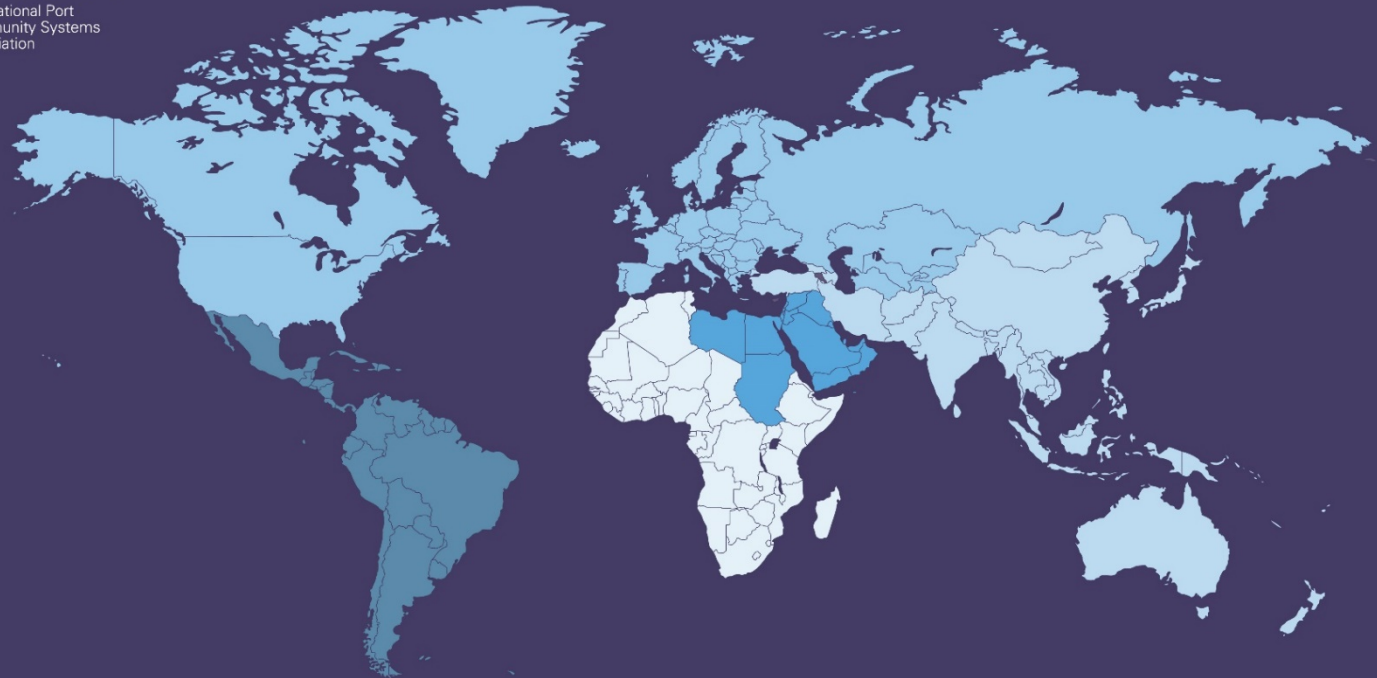
About IPCSA

- Currently has 30 members and growing, operating in most of the five UN regional Commission Regions
- Members operate in ports that handle in excess of 140m TEUs and 4 billion tonnes of cargo worldwide
- Over 100 ports (sea, air and inland) worldwide included in members operations
- Members handle tens of millions of electronic messages every day.
- Membership is open to PCS Operators and Port Authorities
- Oceania Customs Organisations, FONASBA and INCU are associate members



Five Membership regions

that match those of the UN Regional Commissions



IPCSA

Our Regions

- Europe and North America
- Latin America and The Caribbean
- Asia and The Pacific
- Africa
- West Asia

IPCSA currently has 27 members

SOGET, France

Portic, Spain

dbh, Germany

APCS, Belgium

Valenciaport, Spain

ePuertobilbo, Spain

Port de Tarragona, Spain

Portnet, Morocco

PPL 33-35, Ukraine

IPCS, Israel

ILCS, Indonesia

Abu Dhabi Ports Company, U.A.E

SEGUCE, Togo

PENTANT Ltd, UK

MCP, United Kingdom

Dakosy, Germany

Portbase, Netherlands

Freeport of Riga, Latvia

Port of Ravenna, Italy

Portel, Madrid

DubaiTrade, U.A.E

Port Authority of Hamburg

1-Stop, Australia

SEGUB, Benin

Port of Sines, Portugal

CNS, UK

MGI, Marseille, France

Saudi Ports Authority, Saudi Arabia

Also Associate members

FONASBA – Federation of Ship Agents

INCU – International Network of Customs Universities

OCO – Oceania Customs Organisation



IPCSA Representation

IPCSA works together with a number of International and European NGOs and Inter Governmental Organisations to support them in their work including:

- International Maritime Organisation - Consultative Status
- APEC – Secretary General is an expert on their e-Commerce Council
- UN - including UNECE, UN/CEFACT, UNCTAD, UNESCAP etc.
- World Customs Organisation
- Oceania Customs Organisation
- European Commission (DG MOVE, DG TAXUD)
- European Maritime Safety Agency
- Inter America Development Bank
- Plus numerous other international and regional trade facilitation bodies and associations

UN/LOCODE


The present situation

- All IPCSA members use for coding of locations the UN/LOCODE. It provides:
 - Clarity
 - Semantic operability
 - Globally used on business and government level

UN/LOCODE

The Challenges

- ISO versus UN coding standards.
 - Example

Country or Area Name	ISO 3 Code	ISO ALPHA-3 Code	ISO Numeric Code UN M49 Numerical Code
 Afghanistan	AF	AFG	004
 Åland Islands	AX	ALA	245
 Albania	AL	ALB	008

- UNLOCODES are changed without appreciable notice.
 - Systems need updating (this can take time)
 - Port of Loading changes LOC CODE whilst Vessel is in transit.....

UN/LOCODE

- Changes - reasons and introduction unknown to the market.

For Example : China

- Change took place in setup of UNLOCODES for airports and seaports.

Consequence to industry:

- Some carriers still use the old codes and some use the new codes when seaports are involved.
- Leads to mismatches in systems when EDI is involved.
- Turns out in rejection of information by governmental bodies due to this mismatch.
- Semantic operability
- Globally used on business and government level

Example:

see the consequences
in a declaration of a vessel declaration

Previous calls					
	Seq	Port*	Actual departure		
▲▼	1	CNSGH SHANGHAI	13-03-2016	📅	15:18
▲▼	2	CNSHA Shanghai	13-03-2016	📅	15:18
▲▼	3	CNTXG Xingang (Tianjin)	16-03-2016	📅	20:24
▲▼	4	CNXGG Xingang Apt	16-03-2016	📅	20:24
▲▼	5	CNDAL Dalian	19-03-2016	📅	09:18
▲▼	6	CNDAG Dalian Pt	19-03-2016	📅	09:18
▲▼	7	CNQIN Qingdao	22-03-2016	📅	02:24
▲▼	8	CNTAO Qingdao Liuting International Apt	22-03-2016	📅	02:24
▲▼	9	CNSGH SHANGHAI	23-03-2016	📅	23:12
▲▼	10	CNSHA Shanghai	23-03-2016	📅	23:12
▲▼	11	CNNGB Ningbo	24-03-2016	📅	22:00
▲▼	12	CNNBO Ningbo	24-03-2016	📅	22:00

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- In one case a mega-vessel when it arrived in Europe was shown as originating from Shanghai Airport !!!

Conclusion:

- ✓ Before approval of new codes realise the impact at National and International level
- ✓ Important to communicate the change globally to all parties Trade and Countries
- ✓ Give timely notification to all parties when change will take place to enable EDI systems to be updated accordingly

UN/LOCODE

The Future Use:

Internet of things –

Global phenomenon where everything is connected in one or the other way. (giving actual dynamic information)

Therefore

We foresee a combination of the present available static / administrative information with the new dynamic information

In both worlds the locations are the basic for track & trace,

In our opinion the UNLOCODE will be an essential part of the information exchange and distribution.



For more information on IPCSA

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