BIC update for the T&L Domain
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Vice Chairman

www.bic-boxtech.org
Operator of databases that help make the industry safer, more secure, more efficient and **digitalization-ready**.

- **BIC Code database** since 1970
- **Location code (LoCode) database** since 2001
- **Global ACEP Database**, under IMO guidance since 2013
- **BoxTech** launched in 2016
Technical Characteristics Database

FLEET LOADED ✔
Supply chain safety and efficiency through data visibility

What is BoxTech?

The BoxTech Technical Characteristics Database is a neutral, non-profit, centralized data repository providing container owners and users a platform to easily exchange container fleet technical details.

(And much more)
Does this make any sense?

**Container Owners**
- Receive multiple inquiries via phone and email; employees are being used for non-core business
- Processes are not in place for sharing key data
- Building/maintaining an online database is not core business

**Container Users and Intermediaries**
- Must access multiple sources not always knowing who to contact
- Manual re-keying of data
- New processes needed for non-core business
BoxTech TCD Provides a Centralized, Neutral Database for all parties

Use of the Boxtech TCD means a one-stop-shop for all parties. Everybody wins.
Growth of database

BoxTech Pilot Commences

jul '16

Units Uploaded

50 100 250 400 500 550 650 725 790 1030

250k 500k 1M 1.4M 2M 2.5M 3M 4.5M 4.9M 7.5M

14 months

shippers, forwarders, etc.
Major Fleets Uploaded

And over 100 small-midsize container owners and operators
V2 coming soon

- File upload processing
- APIs for file updates
- New APIs for data access
- Sold/scrapped flags / alerts
- Recovery/status flags / alerts
- Security alerts
Register of sold containers

- Instant visibility / alerts on units that have left fleet
- Increased safety
- Risk reduction
- Better visibility encourages buyers to properly re-mark

BoxTech query: CGMU5325749

Unit number no longer valid. Container sold on 10/1/17
Alerts: Recoveries, lost units, security

- Bankruptcy / recoveries
- Stolen/lost units
- Security alerts
(UN)BIC LoCode
UBLC Facility Database
• General adherence to 9-character format within the container industry, for example: ITGOAVTRA

• BIC is introducing improved record of registration, avoidance of duplicates as well as working on a solution for an expanded project that will bring significantly more value to the container supply chain.

• Adherence to the UN/LOCODE by seeking adoption as an official child code

• STM project underway starting with the ScanMed corridor
No common language = inefficiency

Haulier/Shipper/Customs  Facilities  Carriers

Haulier A  Terminal  VTR 5  A  ITGOAVTRA  A

Haulier B  VoltriTerminal  B  ITGOARS  B

Haulier C  ITGOA16157  C  ITGOAPRAA  C

Time wasted
Data re-entry
Systems programming
Depot changes / new depots
E-mail and phone calls
Not future-ready!
With a common Location Code Database

Haulier/Shipper/Customs

Facilities

Carriers

One code, used by all trading partners
Single source of updated information, instantly available

- Carriers
- Hauliers
- (Mobile App)
- Lessors
- Shippers
- Rail
- Customs
- Track/Trace
- IT
- Big Data

ITGOAVTRA

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GPS:44.425903,8.770447,13
Geofencing Data

LoCode Database
Facilities have a single database to update

Changes can be made instantly with a single update
Enter GPS / Geofencing information one time
Reduction of admin, e-mail and phone calls