



# DCSA Touchpoints with SMDG

Update on current and planned DCSA  
activities related to SMDG work

**SMDG Plenary meeting**  
**April 25<sup>th</sup> , 2024**



# Topics for today



1. Introduction to DCSA

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2. Latest developments & focus for 2024

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3. New / updated standards of related to SMDG work

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# Digital Container Shipping Association - Introduction

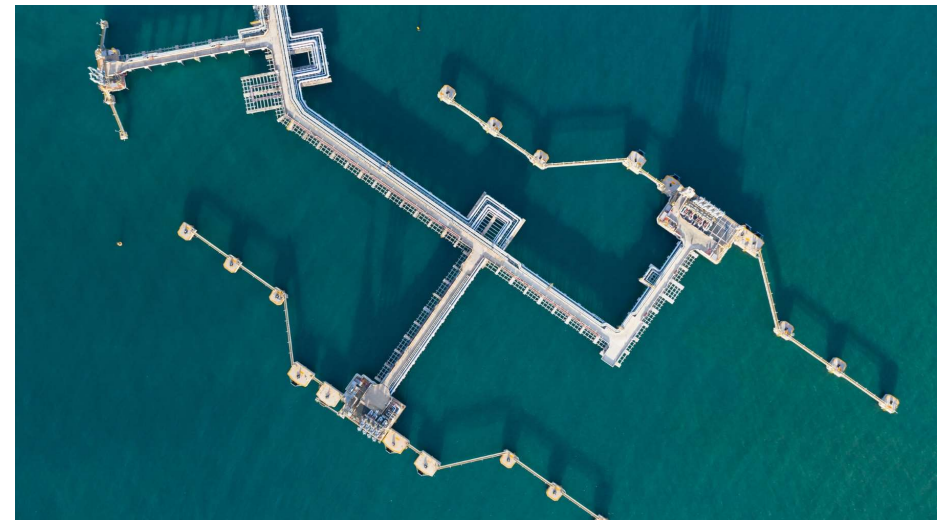


## About DCSA

- ✓ Global, non-profit association
- ✓ Covering >70% of global container transport
- ✓ DCSA's mission is to shape the digital future of container shipping
- ✓ Vendor neutral and technology agnostic
- ✓ Open source and free for all to use
- ✓ Standards are created by alignment with relevant international organisations such as UN/CEFACT and collaborating with all stakeholders of container shipping

## DCSA's Vision

*At DCSA, we envisage a digitally interconnected container shipping industry in which the customers of ocean carriers have a choice of seamless, easy-to-use services to meet their business goals.*



# DCSA's way of working of driving digitalisation



## Standardisation & Reuse

- Establish uniformity in processes
- Enhance efficiency through reuse



## Milestones to conformance

- Set clear objectives for compliance
- Track progress toward standards



## Legal framework

- Integrate legal considerations
- Ensure regulatory compliance



## Digitalisation & Open Source

- Embrace digital tech
- Develop open-source APIs



## Interoperability & communication

- Enable smooth data exchange
- Improve connectivity



## Communicate & advocate

- Raise awareness
- Engage stakeholders



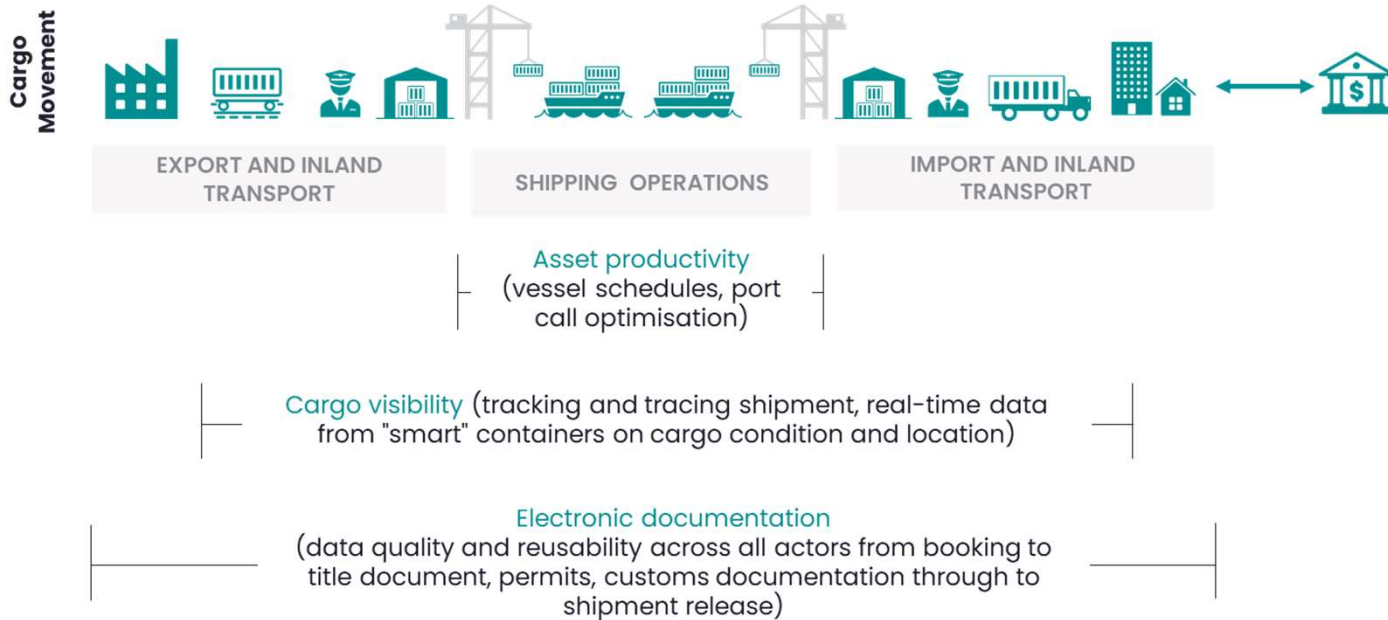
## Adoption & support

- Provide implementation resources
- Support adherence to standards

# DCSA's work



## Main standards



## Foundational standards and support documentation

- Industry blueprint
- Information model
- API design principles
- Reference implementation
- Cyber security guide
- Accompanied by reading guides, glossary of terms and FAQs

All of the standards and supporting material are freely available on our website [www.dcsa.org](http://www.dcsa.org)

# Collaboration between SMDG and DCSA



**Despite being different, SMDG and DCSA have similar:**

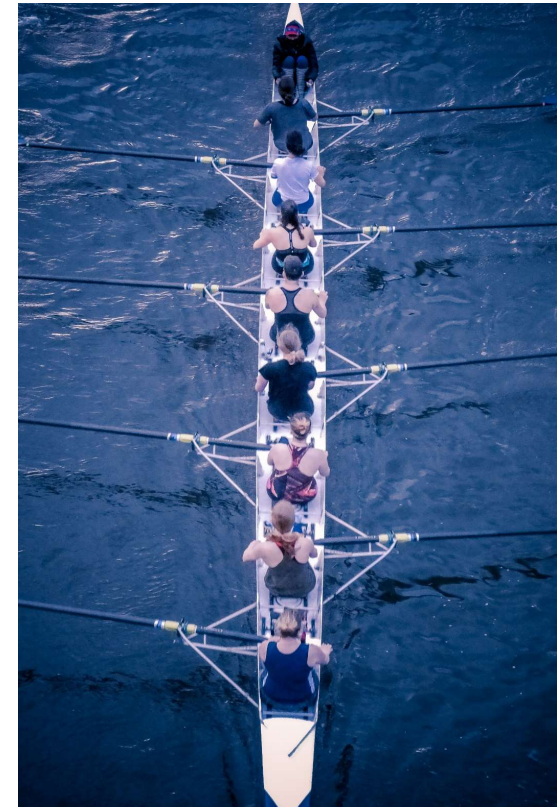
- Scopes
- Goals
- Members

**Therefore it makes sense to collaborate in order to:**

- Avoid duplication of efforts or conflicting standards
- Be able to learn from each other
- Support each other towards other stakeholders (e.g. CEFACT, ISO or IMO)

**Collaboration on a best effort basis:**

- Joining each others' meetings and have bilateral coordination
- For the time being not (yet) formalised (e.g. membership or MoU)
- Mees van der Wiel is the main point of contact at DCSA for SMDG





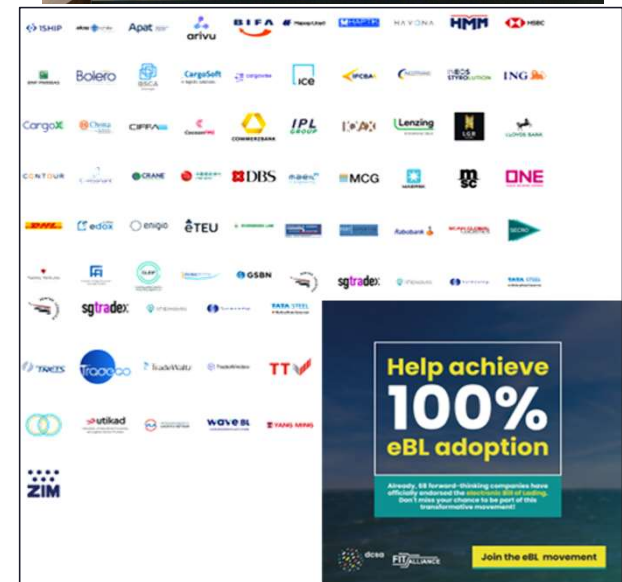
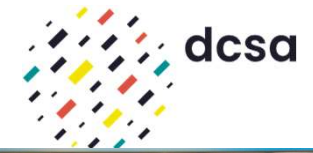
# Latest developments & focus for 2024

# On DCSA and the industry

- Hot of the press: Pacific International Lines (PIL) is partnering with DCSA
- DCSA celebrated its 5-year anniversary this month



- Increased external partnerships and collaboration – industry workshops, FIT Alliance declaration, EU Maritime Single Window and EU funded projects, international organisations (CEFACT, IMO, ISO), US Federal Government, and other associations like BIC, IPCSA and TIC4.0.





# Focus for 2024: members aim to triple standards implemented from 2020-2023

- In 2024 DCSA puts a large part of its work on the focus to adoption at members, their customers and the wider ecosystem in order to **increase the amount of standardised information**, both DCSA and members are focusing on implementation and adoption.
- Getting **consistent data** from members and third parties like shippers, freight forwarders, terminal operators, technology service providers etc. remains a focus area, but also a challenge. Therefor further focus on **conformance** to standards by DCSA members is essential.



## Looking at the details

- **eBL adoption** at 4% at the end of 2023, up from 2.1% in 2022, but nowhere near to the committed adoption of 50% end of 2027. 2024 should bring a sharp increase, including further adoption of the related Booking standard
- **Track & Trace standard** saw an impressive adoption rate in 2023 with a few million API calls per month using DCSA T&T API's at our members.
- **Just in Time** picking up, with Navis, Portchain and APMT incorporating the first API messages on berth alignment. Other projects are kicking off as we speak.
- **Operational Vessel Schedules** should be implemented by all members in 2024. **Commercial Schedules (CS)** available for members to implement by Q3. Market is demanding to speed up adoption. A group of 44 trade organizations representing shippers, customs brokers and other logistics service providers has urged DCSA members to avoid delays in implementing the CS standard.





# New / updated standards of related to SMDG work

# Recent publications



## 2023 Q4:

- **Commercial Schedules 1.0 Beta 1**  
The beta version of Commercial Schedules 1.0, including OpenAPI specification, expands the scope of OVS application by providing BCOs, LSPs and platforms with 3 alternative methods for accessing schedules from carriers (point to point routing, Port Schedule, Vessel Schedule).
- **Operational Vessel Schedules 3.0**  
Stable version of OVS 3.0, including OpenAPI specification for Long Term Schedule & Regional/Coastal Schedule, Changes and Exceptions (i.e. Port Omission, Blank Sailing, etc), Universal references (Service, Voyage, Port Call). Development of 3.1 is underway which will include a subscription mechanism with no breaking changes.

## 2024 Q2:

- **Booking 2.0 Beta 2**  
Data and process standards, including OpenAPI specifications for the booking process of dry cargo, dangerous goods and reefer containers
- **eBL 3.0 Beta 2**  
Data and process standards, including OpenAPI specifications for the submission of shipping instructions and the issuance, amendment and surrender of the bill of lading (B/L)
- **Updated Industry Blueprint & Information Model**



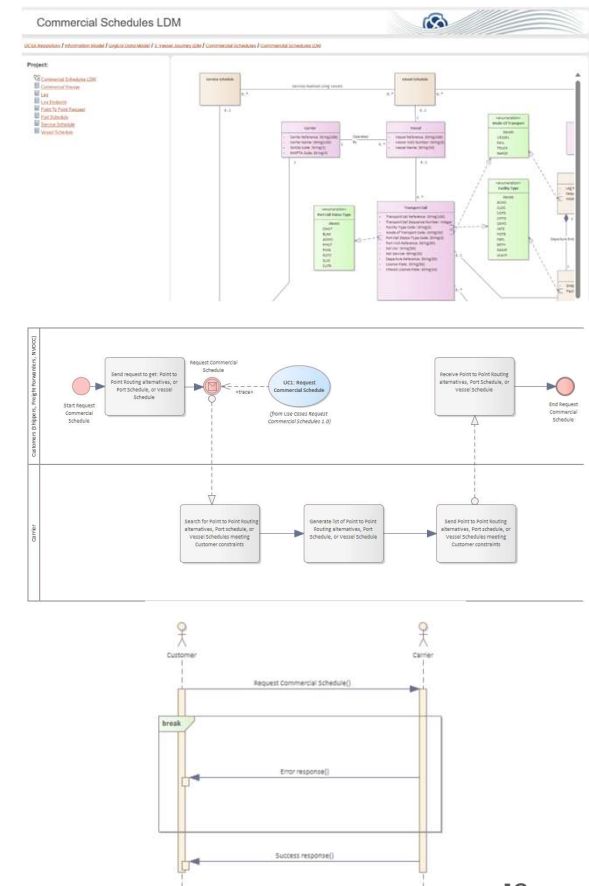
# Coming up!

Focus on adoption means no new standards foreseen, but updates towards stable versions and providing better information to make implementations easier

- Commercial Schedules version updates towards a stable release
- Operational Vessel Schedules 3.1  
Development of 3.1 is underway which will include a subscription mechanism with no breaking changes.
- Booking 2.0 version updates towards a stable release  
Including changes needed to comply with ICS2 release 3
- eBL 3.0 stable release  
Data and process standards, including OpenAPI specifications for the submission of shipping instructions and the issuance, amendment and surrender of the bill of lading (B/L)
- Currently working towards publishing an online, user-friendly and intuitive repository with a.o. Glossary of Terms, business process models, information model and use cases to support already existing documentation and OpenAPI specifications.



## Sneak peek repository





Questions?