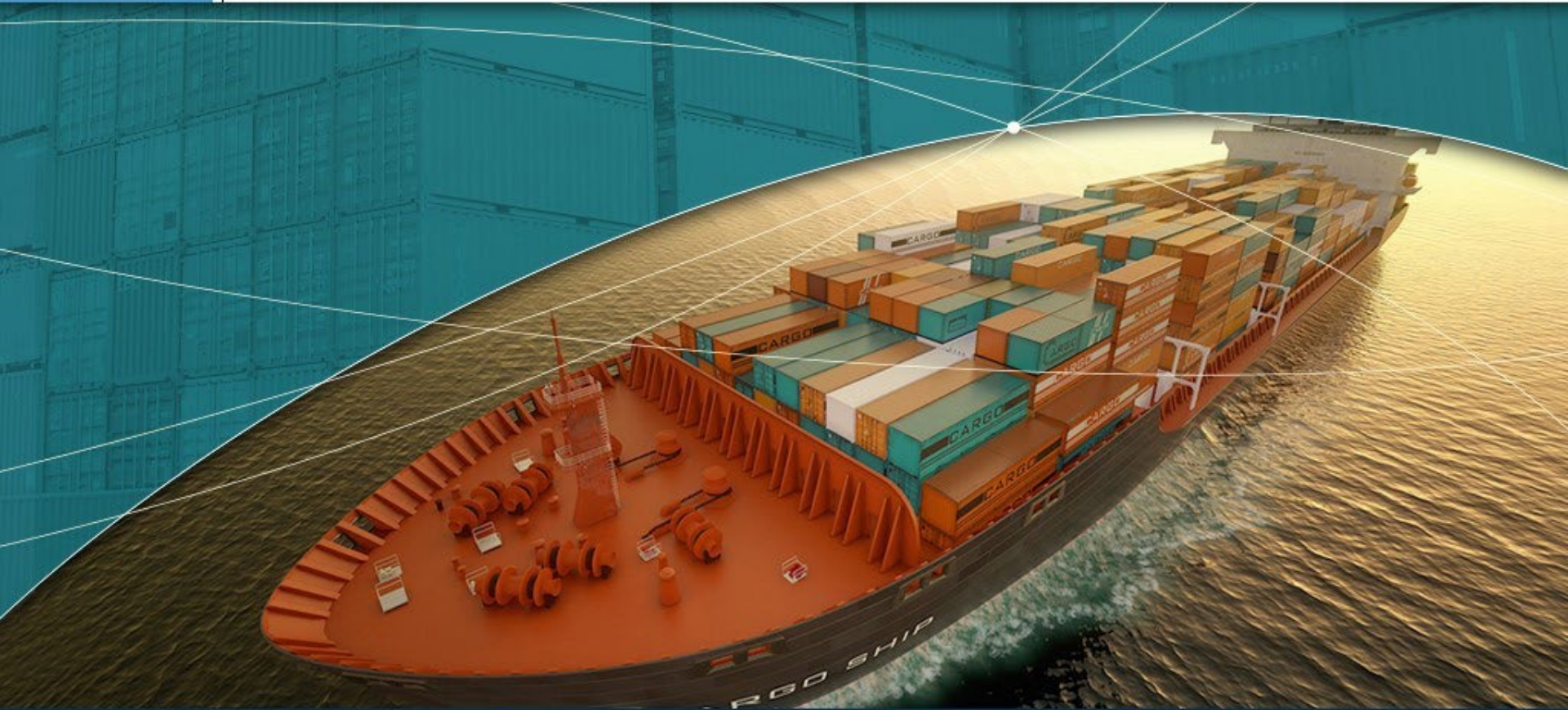




Maritime Transportation Data Infrastructure Overview and Next Steps





Motivation and Goals

Role of FMC

46 U.S.C § 40101, the FMC is tasked with, “provid[ing] an efficient and economic transportation system in the ocean commerce of the United States that is, insofar as possible, in harmony with, and responsive to, international shipping practices.”

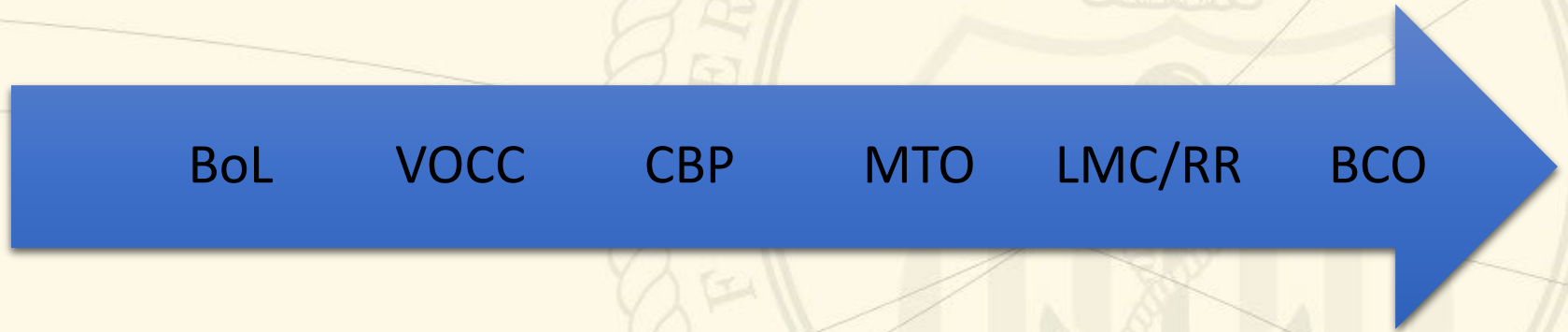
46 U.S.C. § 41102, “A [common carrier](#), [marine terminal operator](#), or [ocean transportation intermediary](#) may not fail to establish, observe, and enforce just and reasonable regulations and practices relating to or connected with receiving, handling, storing, or delivering property.”

Outputs

- Comprehensive and well-documented data dictionary
- Recommended data structures/standards



Data creation, transformation, and transmission through the supply chain



Goals

- Efficient
- Transparent
- Accessible
- Complete



Project Plan

Step 1: Cataloging the Status Quo in Maritime Data, storage, and access across the supply chain

- Identify data added at each step
- Identify data storage and transmission
- Identify critical elements used by each supply chain party

Step 2: Identification of Key Gaps in Data

Step 3: Definitions/Classification

Inconsistent taxonomy and lexicon

Step 4: Develop Recommendations for Common Data Standards



Stakeholder Engagement

1. Initial meetings with key supply chain participants to catalog data
2. Follow up on initial findings to ensure completeness
3. Maritime Data Summit

Timeline

- Step 1: December 2021-April 2022
- Step 2: April-May 2022
- Maritime Data Summit: June 1, 2022



December 2021-April 2022

- 18 meetings and over 60 presenters
 - Many attendees in live sessions and views of YouTube recordings:
https://www.youtube.com/channel/UCwKTAIGGHIA0xcN3bDt_Uqg
- Covered the entire maritime supply chain
- Working Closely with Federal Partners:
 - CBP
 - USDOT
 - Commerce Department
 - USDA



Summit: Recommendations on a Common Maritime Data Lexicon

- June 1st summit in Washington, DC, will be a hybrid in-person and virtual event
- All meeting participants have been invited
- Breakout sessions on key data elements, definitions, standards, and transmission
- Participants will review and comment on initial FMC work products on data definitions and data transmission standards



FMC Review and Refinement

- Commissioner Bentzel will present the MTDI recommendations at the July Commission meeting
- Commission will review final recommendations in the Fall