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Delivering Legal Services*



U.S. COAST GUARD

USCG Maritime Commerce Strategic Outlook
Protecting and Regulating the MTS

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MARITIME COMMERCE STATISTICS

MARITIME COMMERCE is the lifeblood of the global economy. The Coast Guard has the enduring responsibility to safeguard the Marine Transportation System (MTS) and enable the uninterrupted flow of maritime commerce.

U.S. MTS BY THE NUMBERS



95,000
Miles of shoreline



25,000
Miles of navigable
channels



50,000
Federal ATON
(buoys, beacons, ranges)



361
Ports
(commercial)



20,000
Bridges
(crossing waterways)

ANNUAL ECONOMIC VALUE



23 million
U.S. jobs sustained



\$4.6 trillion
of economic activity



90%
of U.S. imports enter
and exports exit by ship

By 2025,
worldwide demand for waterborne commerce
is expected to more than double.

Maritime Transportation System: By the Law



- Maritime Transportation Safety Act
- Title 46 of the U.S. Code (Shipping)
- Title 33 of the U.S. Code (Navigation)
- Port Waterways Safety Act
- Magnuson Act
- Oil Pollution Act & CERCLA
- Outer Continental Shelf Lands Act
- Functions of the USCG: 14 USC §§ 81-93
- International Agreements
SOLAS, MARPOL, Polar Code

Contemporary Maritime Transportation



Ports, Waterways, & Coastal Security

- Control measures:
 - “Captain of the Port” orders
 - Port State Control
 - Safety, environmental protection, security
 - Limited Access Areas
 - ISPS Verification Exams
 - Conditions of Entry
 - MARSEC Directives
 - Plans – Vessel / Facility / AMSC
 - Foreign Port Assessments



Regulating Shipping with oversight of Third Party Organizations



Waterways Management



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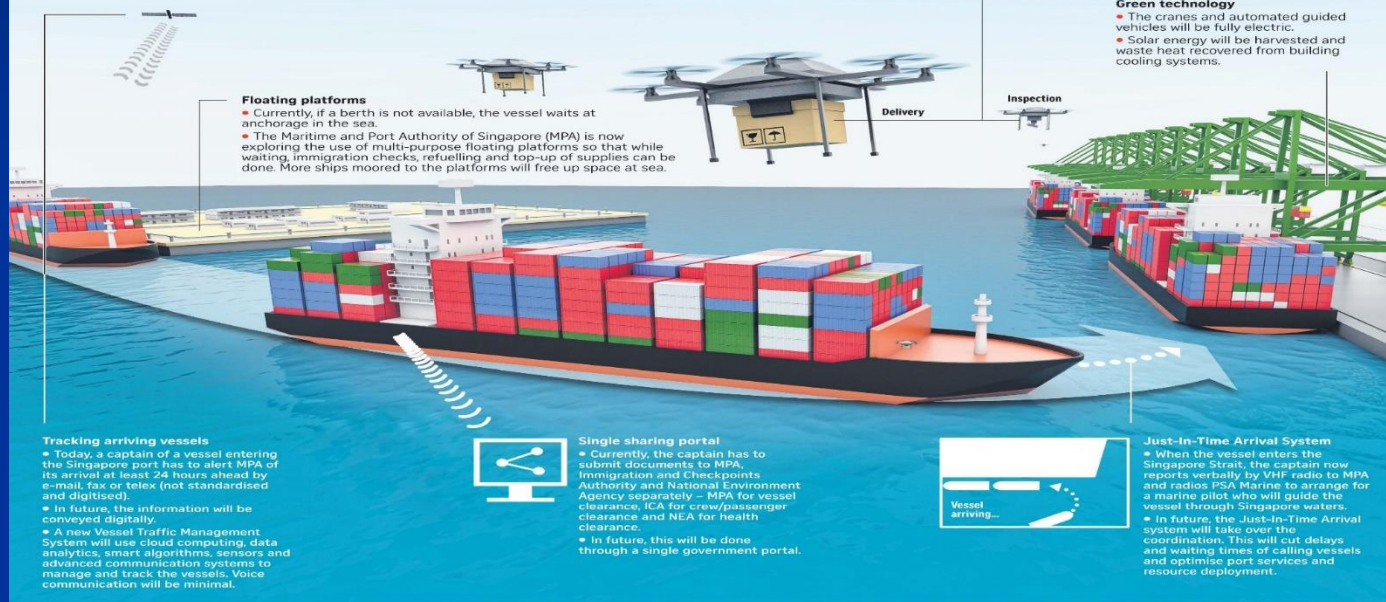
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Technological Changes Ahead: AI, Connectivity & Autonomy

FUTURE PORT

The Tuas mega port, slated to open in phases from 2021, will incorporate smart and green technologies into its operations. Some of these will be tested at the MPA Living Lab. The Straits Times looks at the journey of a container through the port of the future.



Emerging Frontiers: The Arctic, Cyber Threats and Aerial Drones



