geospace sea

Singapore's Marine Spatial Data Infrastructure
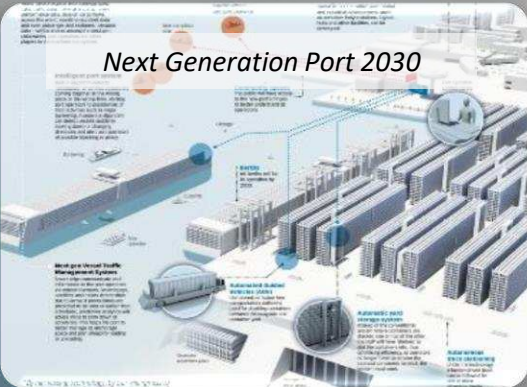
26 October 2021

MPA SINGAPORE

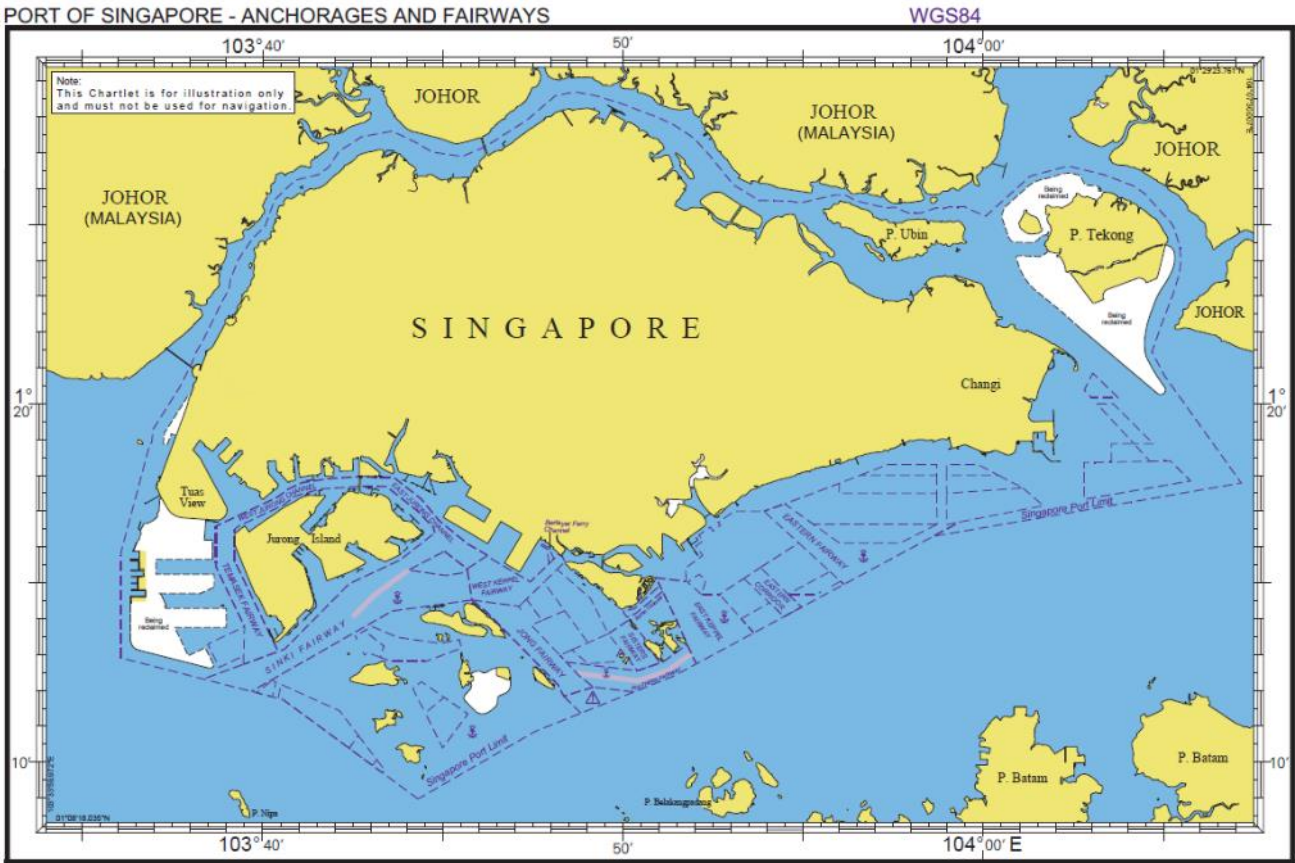# Singapore's Sea Space

Diverse uses and users of Singapore's Sea Space

Shipping & Navigation

Next Generation Port 2030
Sea Space Planning

PORT OF SINGAPORE - ANCHORAGES AND FAIRWAYS   WGS84

Note:
This Chartlet is for illustration only and must not be used for navigation.

JOHOR
JOHOR (MALAYSIA)
JOHOR (MALAYSIA)
JOHOR
JOHOR
P. Ubin
P. Tekong
Being reclaimed
Being reclaimed
SINGAPORE
Changi
Tuas View
Being reclaimed
Jurong Island
P. Batam
P. Batam
P. Nipa
P. Belakangmati
Singapore Port Limit

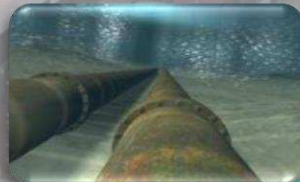Aquaculture

Reclamation & Dredging

Recreation

Waterfront Use Planning

Desalination Plants

Power Plants / Refineries

Submarine Cables / Pipelines

Tourism

Marine Biodiversity

Where and How to Discover Marine and Coastal data and to have them Interoperable?

Singapore's Marine Spatial Data Infrastructure

A single integrated data platform
for users' seamless access to
authoritative marine and coastal spatial data and information for various
applications.

Basemaps   Administrative   Physical   Ecological   Human
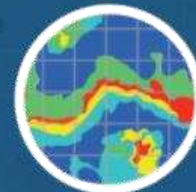
Featured Apps and Charts

Data Catalogue
Discover the data

2D Marine Viewer
Highlight spatial patterns and discover trends

3D Marine Viewer
Explore bathymetry and other spatial information in 3D

Data Dashboard
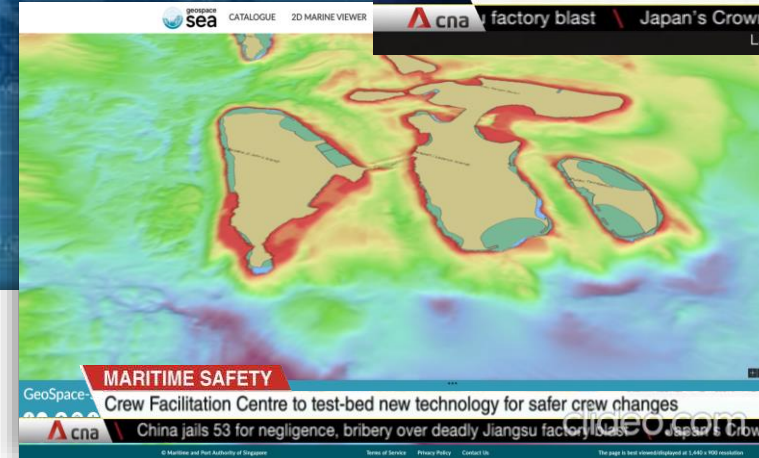View all activities and key performance indicators

geospace
sea

Driven by:

MPA
SINGAPORE

In joint collaboration with:

Building and Construction Authority

CENTRE for LiveableCities SINGAPORE

HOUSING & DEVELOPMENT BOARD

jtc

National Environment Agency

NATIONAL PARKS

NATIONAL RESEARCH FOUNDATION

PUB SINGAPORE'S NATIONAL WATER AGENCY

Singapore Food Agency

SLA SINGAPORE LAND AUTHORITY

URBAN REDEVELOPMENT AUTHORITY
To make Singapore a great city to live, work and play

MPA
SINGAPORE

Launched of the GeoSpace-Sea Phase 1

🌐 GeoSpace-Sea was launched at the International Safety@Sea 2020 Opening Speech by SMS Chee Hong Tat, 30 Nov 2020.

Strategic Direction of GeoSpace-Sea

Long Term

Near Term

Phase 1 (Sep 2019 – 2021) *Maintenance, Enhancements, Services*

Phase 2 (2021– 2023)

Government Agencies

- GeoSpace-Sea portal is live
- Operationalisation ongoing

Research, Education & Identified Public End-User Groups

Objectives:

- Create access for Research, Education & Identified Public End-User Groups
- Enhance data repository
- Enable & support end-user applications and services

SINGAPORE GEOSPATIAL MASTER PLAN

2018

2021 2030 United Nations Decade of Ocean Science for Sustainable Development

SUSTAINABLE DEVELOPMENT GOALS

MPA SINGAPORE

Engagements at National, Regional and International Level

IHO-Singapore Innovation and Technology Lab and GeoSpace-Sea

Thank You