

Environmental Protection Aspect

- Electricity Consumption

2013/14 was set as baseline. The change (%) in electricity consumption as compared to 2013/14 of following years is as follows :

<u>16/17</u>	<u>17/18</u>	<u>18/19</u>
-1.48%	-0.67%	-1.84%

- Environmental Projects

- Installation of solar water heater
- Implementation of green roofing
- Use of LED lighting and proximity switches
- Installation of shore power supply
- Installation of food waste decomposer
- Replacing main engines with latest applicable IMO emission standards
- Replacing petrol outboard engines with higher emission standards
- Use of bio-diesel fuel in some government vessels
- Replacing aged air-conditioning system with energy-saving type chillers system
- Replacing non-road mobile machinery with the approved emission standards

Information Technology Applications & Systems

- Government Fleet Information System
- Web Base Quotation System
- GFD Information Repository
- Personnel Information Management System
- Lotus Notes Mail



Lifting of Vessel



Covered Repair Sheds

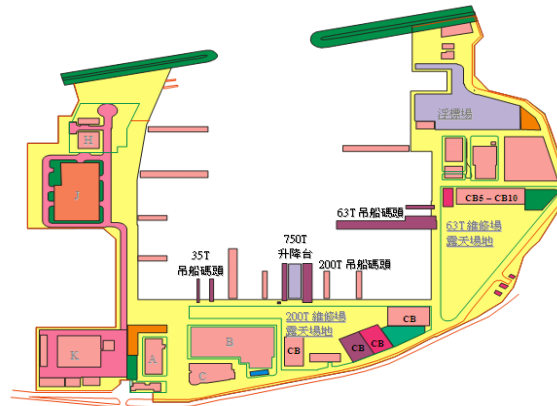
Availability of Mechanised Vessels in Use (2016 – 2019)

- Service Pledge : 87%
- Actual Performance :

<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
86.1%	87.1%	87.8%	87.3%

Expenditure on GD Operation

- Total Expenditure: About HK\$644million in 2019-20



Site Map of Government Dockyard

GD/2020



Government Dockyard

Marine Department

Introduction

Development History of Government Dockyard

- Prior to 1971, Government Slipways in Yaumatei had small open yards and slipways only, providing maintenance services for about 200 vessels;
- 1971-1995, after Government Dockyard was established at Canton Road, the number of maintained vessels was increased from 200 to 530;
- In 1995, Government Dockyard was relocated to Stonecutters Island. Currently, providing maintenance services to over 900.



Old Government Dockyard at Canton Road

Government Dockyard Resources

- Total area is 181 200 m² (including 98 200 m² land area and 83 000 m² basin area)
 - 22 Berths and Jetties
 - 30 Open Yard Repair Spaces
 - Oil Refilling Depot (Diesel and Petrol)
- Total Building Areas : 56 835 m²
 - 32 Large and Small Buildings
 - Accommodating 6 Government Departments
 - 10 Covered Repair Sheds
 - 4 Movable Repair Canopies
- Lifting Equipment
 - 1 SyncroLift with capacity of 750 tonnes
 - 3 Travel Hoists with capacity of 35 / 63 / 200 tonnes
 - 1 Crawler Crane with capacity of 70 tonnes
 - 5 Mobile Cranes with capacity of 20 / 30 / 50 tonnes
- Staff
 - around 200 Office/Workshop Staff
 - around 300 Launch Crew
 - more than 300 Contractor Workforce

Statistics of Government Fleet (December 2019)

- Total No. of Government Vessels : 924
 - Total Displacement : over 10428 tonnes
 - Total Propulsion Power : over 224717 kW
- Operated by 14 Government Departments



High Speed Craft



Major Mechanised Vessels

Classes of Government Vessels

- 12 Vessel Classes
 - Major Mechanised Vessels : 98
 - Minor Mechanised Vessels/Small Speed Boats : 24
 - High Speed Craft (Large) : 15
 - High Speed Craft (Medium) : 58
 - Beach Craft (Mechanised) : 128
 - Beach Craft (Non-mechanised) : 283
 - Inflatable boats (Mechanised) : 20
 - Inflatable boats (Non-mechanised) : 18
 - Dinghies/Small Boats : 29
 - Lighters / Barges / Landing Platforms : 28
 - Floating Structures / Rafts : 190
 - Daughter Boats : 33

Organisation of Government Fleet Division

● Management Team

- Assistant Director / Government Fleet
- General Manager / Government Dockyard

● Sections

Fleet Operations Section

- Launch Services
- Fleet Deployment
- Basin Management
- Yard Services

Maintenance and Support Section

- Vessels Preventive Services
- Vessels Urgent Repair Services
- Planning and Supervision of Repair Works
- IT Management
- Material Planning and Management
- Docking Services
- Scheduling Coordination and Sea Trials
- Plant Maintenance / Environmental Matters

Government New Construction Section

- Liaison with Users on New Vessel Requirements
- Design and Procurement of New Vessels
- Site Supervision of New Vessel Construction

Industrial Safety Section

- Boatyard and Workshop Safety Inspection
- Work Permit System Surveillance
- Occupational Safety and Health Advice