



MARITIME AND PORT AUTHORITY OF SINGAPORE

PORT MARINE CIRCULAR
NO. 10 OF 2022

1 May 2022

Shipping Community
Harbour Craft Community

ENHANCEMENT OF THE MARITIME SINGAPORE GREEN INITIATIVE – GREEN PORT PROGRAMME (GPP)

A. Vessels calling at the Port of Singapore; and

B. 5-Year Waiver of Harbour Craft Port Dues for Low or Zero Carbon-fuelled MPA licensed Harbour Craft

1. This circular supersedes Port Marine Circular No. 21 of 2019 and No. 22 of 2019.

2. The Green Port Programme (“GPP”) is one of the programmes under the Maritime Singapore Green Initiative (“MSGI”) to encourage environmental sustainability amongst ocean-going vessels calling at the Port of Singapore and MPA licensed harbour craft. The GPP has been reviewed and enhancements will come into effect from 1 May 2022.

A. Vessels calling at the Port of Singapore

3. The GPP programme will be enhanced for vessels calling at the Port of Singapore taking into consideration the updated IMO Phase 3 Energy Efficiency Design Index (“EEDI”) requirement. The applicable port dues reduction will apply to vessels calling the Port of Singapore that meet the criteria listed in the table below:

Port dues reduction	Qualifying criteria to meet
30%	Use zero carbon ¹ fuel in the Port of Singapore
25%	Use low carbon ² fuel in the Port of Singapore
	EEDI reduction exceeds the IMO Phase 3 EEDI requirement by 10% or more

4. The key changes to the programme are as follow:
- (i) Addition of 30% port dues reduction for the use of zero carbon fuel in the Port of Singapore
 - (ii) 25% port dues reduction will no longer apply to ocean-going vessels that do not exceed IMO Phase 3 EEDI requirement by 10% or more.
 - (iii) 25% port dues reduction will now apply to use of low carbon fuels in addition to LNG.
 - (iv) Additional 10% port dues reduction is now expanded to cover qualifying GPP registered vessels that are serviced by low or zero carbon fuelled MPA licensed harbour craft during their port stay.

5. To participate in the GPP, shipowners/charterers should ensure that their vessels are pre-registered under the GPP (via digitalPORT@SG™) prior to calling at the Port of Singapore. A step-by-step guide for registering of vessels under the GPP can be found in **Annex I** of this circular.

6. For every arrival call to the Port of Singapore, the vessel shall declare in the Pre-Arrival Notification form (“PAN”) whether she will be participating in the GPP. Users can download the latest version of PAN from the following weblink:

<http://www.mpa.gov.sg/assets/app/ePANS/epan.html>

Existing vessels under the GPP

7. All existing ocean-going vessels registered under the GPP that do not fulfil the new requirements will be removed from the existing listing from 1 May 2022.

8. For shipowners/charterers that wish to opt out of the GPP can do so via digitalPORT@SG™ - refer to **Annex I** for steps for de-registration from the GPP.

¹ Zero carbon fuels include hydrogen and synthetic non-carbon fuels (i.e. ammonia) derived from renewable electricity based on solar, wind or hydro.

² Low carbon fuels include both LNG and biofuel blends with more than 20% biofuel content. MPA will consider the use of low carbon or other green fuels with International Sustainability and Carbon Certification (ISCC) that can demonstrate a greenhouse gas (GHG) reduction of 20% or more, compared with operating on very low sulphur fuel oil (VLSFO0.5), over the entire life cycle from well-to-wake.

Terms and Conditions of the GPP

9. Participants in the GPP should note the following terms and conditions:
- (i) The GPP is only valid for vessel calling the Port of Singapore.
 - (ii) To qualify for the 30% reduction in port dues (throughout entire port stay of 4 days or less), the following must be adhered to:
 - a) Vessels using zero carbon fuel should initiate the switch to zero carbon fuel for the main engine and auxiliary engine **before** entering Singapore Port Limits. The use of zero carbon fuel should be maintained throughout the port stay to qualify for the concession. The switch over from zero carbon fuel should only be initiated **after** leaving Singapore Port Limits. Vessels should maintain the information listed in **Annex II** for at least one year from the date of declaration. Copies of supporting documents such as the International Air Pollution Prevention (IAPP)/ Engine International Air Pollution Prevention (EIAPP) certificates, daily consumption record, relevant bunker delivery note(s), engine records and ISCC certification shall be made available to MPA upon request.
 - (iii) To qualify for the 25% reduction in port dues (throughout entire port stay of 4 days or less), either of the following must be adhered to:
 - a) Vessels exceeding IMO Phase 3 Energy Efficiency Design Index (“IMO Phase 3 EEDI”) requirement by 10% or more. Supporting documents demonstrating that the vessel exceeds IMO Phase 3 EEDI requirement by 10% or more should be kept for a period of at least one year from the date of declaration and made available to MPA upon request; or
 - b) Vessels using low carbon fuel should initiate the switch to low carbon fuel for the main engine and auxiliary engine **before** entering Singapore Port Limits. The use of low carbon fuel should be maintained throughout the port stay to qualify for the concession. The switch over from low carbon fuel should only be initiated **after** leaving Singapore Port Limits. Vessels should maintain the information listed in **Annex II** for at least one year from the date of declaration. Copies of supporting documents such as the International Air Pollution Prevention (IAPP)/ Engine International Air Pollution Prevention (EIAPP) certificates, daily consumption record, relevant bunker delivery note(s), engine records and ISCC certification shall be made available to MPA upon request.

- (iv) To qualify for the additional 10% reduction in port dues for vessels engaging the service of low or zero carbon fuelled MPA licensed harbour craft, the following conditions apply:
- a) Applicable only to GPP-registered vessels that engage a low or zero carbon fuelled harbour craft for port operations.
 - b) The low or zero carbon fuelled harbour craft operators are required to make daily declarations to verify that they serviced the respective GPP registered vessels. The declaration can be made through digitalPORT@SG™’s “Service information system for declaration (by low or zero carbon fuelled harbour craft owners and operators)”.
 - c) The low or zero carbon fuelled harbour craft operators serving the GPP vessels are required to register to the “Service Information System for Declarations” via MPA’s digitalPORT@SG™ platform.
 - d) The port dues concession is capped at 10% regardless of the numbers or frequency the GPP-registered vessel is serviced by low or zero carbon fuelled harbour craft during each port stay.
- (v) Vessels under the current annual port dues scheme may participate and enjoy the port dues reduction of 30% or 25% for entire port stay of 4 days or less. Vessels must adhere to what is laid out in para 9 (ii), (iii) and (iv) above. In the event of non-compliance for any call, the entire reduction in annual port dues will be withdrawn and the owner/agent will be required to refund the reduction.

10. The GPP port dues reduction is valid in addition to any other concessions enjoyed by the vessels.

B. 5-Year Waiver of Craft Port Dues for Low or Zero Carbon-fuelled MPA licensed Harbour Craft

11. This programme is now expanded to entitle low or zero carbon-fuelled harbour craft new building to a waiver of craft port dues for a period of 5 years. Please see table below for details:

Qualifying criteria	a) Applicable to low or zero carbon fuelled harbour craft new builds; or b) Applicable to fully electric harbour craft new builds
Period of waiver	a) 5 years from the issuance of MPA harbour craft licence commencement date

Registration	a) Facilitated via online registration process for new Harbour Craft licence in digitalPORT@SG™ at https://digitalport.mpa.gov.sg/
Others	<p>a) The following copies of supporting documents shall be made available to MPA upon request throughout the 5 years fee waiver period to demonstrate the use of low or zero carbon fuel.</p> <ul style="list-style-type: none"> i. Relevant bunker delivery note(s) ii. Daily consumption record iii. Engine records iv. ISCC certification <p>b) Waiver will be reflected in the craft port dues invoice at the beginning of each licence billing cycle.</p> <p>c) Low or zero carbon fuelled harbour craft that either de-license as a harbour craft, or fail to renew their harbour craft licence within the 5-year period will not be eligible for the waiver for subsequent years.</p>

12. The enhancement to GPP will come into effect starting from **1 May 2022 to 31 December 2024**.

13. For queries on the programme, please refer to GPP FAQs in **Annex III**. If there are any further questions, please contact us at greenport@mpa.gov.sg. For queries related to harbour craft licensing, please contact Marine Licensing and Permits (MLP) at 1800 272 7777 or email us at mlp@mpa.gov.sg.

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MARITIME AND PORT AUTHORITY OF SINGAPORE

Step-by-Step Guide for Vessel Registration and De-Registration under the GPP

1. Registration of vessels under the Green Port Programme (GPP) must be made using a valid digitalPORT@SG™ account.
2. Upon logging in to digitalPORT@SG™ (<https://digitalport.mpa.gov.sg/>), go to Registration and select “Register Owned/Chartered Vessels Under the Green Port Programme Fleet” and follow the steps below:
 - a. **Step 1 of 4 (Registration)**
 - (i) Click on the hyperlink “Create/Update” to add a record in the GPP.
 - b. **Step 2 of 4 (Create/ Update Vessel Operator)**
 - (i) Enter the contact information of the vessel operator and local agents, if any. When completed, click on the “Next Page” button.
 - c. **Step 3 of 4 (List of Registered Vessels)**
 - (i) Click on “Add” button to register a vessel in the GPP.
 - d. **Step 4 of 4 (Vessel Selection)**
 - (i) Enter the first few characters of the vessel name, Call Sign or IMO number.
 - (ii) Click on the “Search” button to retrieve a list of vessels that match the search criteria.
 - (iii) Click on the vessel name in the list to register the vessel in the GPP
 - (iv) Fill in the required fields under the “Update Vessel Information” form.
3. Successfully registered vessels will appear in the List of Registered Vessels.

De-registering a Vessel from GPP

4. To de-register a vessel from the GPP, please go through the steps in paragraph 2 of this Annex until you reach paragraph 2c. (*i.e. Step 3 of 4 (List of Registered Vessels)*). Click the “delete” button and follow the instructions from there.

SAMPLE RECORD TO BE MAINTAINED BY VESSELS

A. Information on initiation of fuel switch

		INITIATION OF FUEL SWITCH TO ZERO OR LOW CARBON FUEL			
		Main Engine		Auxiliary Engine	
		Before entering Singapore Port Limited	After entering Singapore Port Limited	Before entering Singapore Port Limited	After entering Singapore Port Limited
Date (dd/mm/yy)					
Time (24hr format)					
Position	Latitude (dd°mm'ss'")				
	Longitude (dd°mm'ss'")				

B. Information on amount of zero or low carbon fuel used

		AMOUNT OF ZERO OR LOW CARBON USED					
		While underway from Singapore Port Limit to berth*		While alongside		While underway from berth to Singapore Port Limit *	
		Main Engine	Auxiliary Engine	Main Engine	Auxiliary Engine	Main Engine	Auxiliary Engine
[Type of fuel used]							

* including stay in anchorage

NOTE:

- (1) Vessels should maintain the information for one year from the time of declaration.
- (2) Records used in other countries may be accepted if all the information required above is provided.

GREEN PORT PROGRAMME (GPP) FREQUENTLY ASKED QUESTIONS (FAQs)³

A. Vessels calling at the Port of Singapore

1. What do I need to do for the vessel to enjoy the GPP port dues reduction?

To enjoy the port dues reduction, the vessel must be pre-registered under GPP (via digitalPORT@SG™) **before** calling on the Port of Singapore and submit a declaration in the Pre-Arrival Notification form (“PAN”) in the following link: <http://www.mpa.gov.sg/assets/app/ePANS/epan.html>

2. Where should I go to register the vessel for the GPP?

Registration or de-registration of the vessel must be made through digitalPORT@SG™ (<https://digitalport.mpa.gov.sg/>), the step-by-step guide can be found in **Annex I**.

3. What is the port stay duration required to qualify for the port dues reduction?

The port dues reduction only applies to vessels registered under the GPP that stays 4 days or less in the Port of Singapore.

4. What if the vessel qualifies for more than one of the GPP criteria?

The ship owner or operator can only opt to register the vessel under one of the listed qualifying criteria, with the relevant documents provided to MPA for assessment.

- Use zero carbon fuel in the Port of Singapore; or
- Use low carbon fuel in the Port of Singapore; or
- EEDI reduction exceeds the IMO Phase 3 EEDI requirement by 10% or more.

The relevant port dues reduction applies to the vessel based on the satisfied qualifying criteria.

5. What operating condition must the vessel satisfy to qualify for the zero or low carbon fuel criteria?

Vessels should switch to low/zero carbon fuel for the main engine and auxiliary engine **before** entering Singapore Port Limits. The use of low/zero carbon fuel should be **maintained throughout the port stay** to qualify for the concession. The switch over from low/zero carbon fuel should only be initiated **after** leaving Singapore Port Limits.

6. How can I qualify for the additional 10% port dues reduction?

To qualify for the additional 10% port dues concession, the vessel shall engage the service of a low or zero carbon fuelled MPA licensed harbour craft

³ All GPP participants are subject to the Terms and Conditions as stated in the PMC.

during their port stay, where the MPA licensed harbour craft must make the declarations to verify that they have serviced the respective GPP registered vessels.

7. Can I qualify for additional 10% port dues reduction multiple times during my port stay?

No, the port dues concession is capped at 10% regardless of the numbers or frequency the GPP-registered vessel is serviced by low or zero carbon fuelled harbour craft during each port stay

8. My vessel satisfies the revised GPP criteria, do I have to re-register the vessel?

Existing vessels registered under the GPP that fulfils the new GPP criteria need not re-register the vessel in digitalPORT@SG™.

9. My vessel does not satisfy the revised GPP criteria, what do I need to do?

Existing ocean-going vessels that do not fulfil the new requirements will be removed from 1 May 2022, no further action will be required.

10. How are the alternative fuel with lower carbon content verified?

MPA will consider the use of low carbon or other green fuels with **International Sustainability and Carbon Certification (ISCC)** that can demonstrate a greenhouse gas (GHG) reduction of 20% or more, compared with operating on very low sulphur fuel oil (VLSFO 0.5), **over the entire life cycle from well-to-wake.**

11. Are there any applicable fees to register my compliant vessel under GPP?

No, there are no applicable fees to register the vessel.

12. Is there a validity period for the compliant vessel from the date of registration?

No, the vessel will remain in the GPP listing as long as it fulfils the qualifying criteria, with the relevant documents provided upon request from MPA for verification.

13. Unsure if the vessel qualifies?

Please feel free to contact us at greenport@mpa.gov.sg and we will be glad to discuss further.

B. 5-Year waiver of harbour craft port dues for low or zero carbon-fuelled MPA licensed harbour craft

1. What do I need to do for the MPA licensed harbour craft to enjoy the harbour craft port dues waiver?

Harbour craft that fulfils the qualifying criteria will be prompted to apply for the waiver during the online registration process for the new harbour craft licence

in digitalPORT@SG™. If the applicant chooses to request for craft port dues waiver, they will be prompted to provide the required information.

2. What supporting documents do I need to submit to enjoy the harbour craft port dues waiver?

During the online registration process the following document or certificates will need to be uploaded.

- a. International Air Pollution Prevention (IAPP) Certificate
- b. Engine International Air Pollution Prevention (EIAPP) Certificate
- c. Class Certificate
- d. Cargo Ship Safety Construction Certificate

Other supporting documents shall be made available to MPA upon request throughout the 5 years fee waiver period to demonstrate the use of low or zero carbon fuel.

- a. Relevant bunker delivery note(s)
- b. Daily consumption record
- c. Engine records
- d. ISCC certification

3. Will a retrofitted vessel qualify for the port dues waiver?

Retrofitted vessels are not included for port dues waiver as this waiver only applies for newbuilds.