



MARITIME AND PORT AUTHORITY OF SINGAPORE

PORT MARINE CIRCULAR  
NO. 15 OF 2024

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Harbour Craft Community

**REVISIONS TO THE MARITIME SINGAPORE GREEN INITIATIVE (MSGI) –  
INTRODUCTION OF GREEN CRAFT PROGRAMME (GCP) FOR NEW BUILD HARBOUR  
CRAFT**

This circular supersedes Port Marine Circular No.10 of 2022 and will take effect from 1 January 2025 until 31 December 2027.

2 The MSGI has been enhanced to better align with the targets established by the International Maritime Organization (IMO) to achieve peak greenhouse gas (GHG) emissions from international shipping as soon as possible, and to guide the industry towards reaching net-zero by or around 2050.

3 Under the revised MSGI, with effect from 1 January 2025, the incentives for new build harbour craft under the Green Port Programme (GPP) will be subsumed under the new GCP, which encourages the early adoption of zero-emission fuel and technologies, as well as zero- and low- carbon fuels for new build harbour craft.

4 All craft that are currently registered under the 5-year waiver of craft port dues for low or zero carbon-fuelled and fully electric MPA licensed harbour craft under the GPP will continue to enjoy the waiver of craft port dues until the end of 5-year validity period, or until 31 December 2027, whichever is earlier, provided that the craft (a) maintains the MPA licence, and (b) successfully demonstrates the use of zero-emission fuel/technology or zero/low carbon fuel throughout the year<sup>1</sup>. For those craft that have yet to reach the full 5-year validity period as at 31 December 2027, they will also need to provide MPA with documents including calculations and verified proof of mitigation technologies to continue to enjoy port dues waiver for the full 5-year validity period, to be in line with GCP. The craft registered under the GPP will not be eligible for the new GCP.

5 The new GCP will offer craft port dues concessions for new build harbour craft (with MPA Harbour Craft Licence issued between 1 January 2025 and 31 December 2027) meeting one of the following criteria:

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<sup>1</sup> MPA reserves the right to conduct **annual** documentation review for the waiver of craft port dues for all eligible MPA licensed harbour crafts. Supporting documents must be made available to MPA upon request throughout the applicable concession period.

Fuel/ energy source of new build harbour craft		% of craft port dues concession & duration <sup>2</sup>
Zero-emission <sup>3</sup> fuel/technology (e.g. hydrogen, full electrification, hybrid of hydrogen fuel cell and electrification etc.)		<ul style="list-style-type: none"> <li>• Up to 120GT</li> <li>• 100% concession for 10 years</li> </ul>
		<ul style="list-style-type: none"> <li>• &gt;120GT</li> <li>• 100% concession for 8 years</li> </ul>
Zero-carbon fuel <sup>4</sup> (e.g. ammonia <sup>5</sup> ≤25% pilot fuel with slip addressed, green/bio methanol with ≤25% pilot fuel, B100 biofuel etc.)		100% concession for 10 years
Low carbon fuels	<ul style="list-style-type: none"> <li>• LNG, with methane slip addressed (≤1%)</li> <li>• B50 - B99</li> <li>• Methanol<sup>5</sup></li> </ul>	30% concession for 3 years
	<ul style="list-style-type: none"> <li>• LNG, without methane slip addressed</li> <li>• B24-B49</li> </ul>	10% concession for 3 years

6 Participants in the GCP are required to meet the following terms and conditions:

a. To participate in the GCP, shipowners/charterers should ensure that their new build harbour craft are registered under the GCP via the online registration process for new Harbour Craft Licence in digitalPORT@SG™ at <https://digitalport.mpa.gov.sg/>. The documents to be submitted during the registration process for verification is listed in **Table 1**.

b. The eligibility for the port dues concession under the GCP will be assessed during the registration of new build harbour craft. Only **one** concession scheme will be granted to an eligible new build harbour craft, determined by the declared engine type and the submission of relevant supporting documents to MPA. MPA will work with participants on verified data and calculations, as well as the proof of the mitigation technologies.

c. To enjoy the applicable craft port dues concession under the awarded concession scheme, the craft must (i) switch to zero-emission fuel/technology or zero/low carbon fuel for the main engine and auxiliary engine when operating **in** the Singapore Port Limits, and (ii) use zero-emission fuel/technology or zero/low carbon fuel **throughout** operations in the Singapore Port Limits.

d. Craft registered under the GCP will be subjected to annual documentation review by the MPA during the concession period. Supporting documents (listed in **Table 1**) must be made available to MPA upon request throughout the applicable concession period to demonstrate the use of zero-emission fuel/technology or zero/low carbon fuel. The approved concession will be granted at the **end** of each licence period.

<sup>2</sup> From the date of issuance of MPA Harbour Craft Licence.

<sup>3</sup> Tank-to-wake emissions

<sup>4</sup> Based on accounting of Singapore's domestic greenhouse gas emissions

<sup>5</sup> With carbon intensity no higher than the prevailing maximum carbon intensity of fuel allowed to be bunkered to ocean-going vessels in Singapore

**Table 1: Documentary Evidence**

New Criteria	Document(s) needed during application/registration	Examples of documents to be made available to MPA upon request throughout the concession period*
Zero-emission <sup>6</sup> fuel/technology (e.g. hydrogen, full electrification, hybrid of hydrogen fuel cell and electrification etc.)	<ul style="list-style-type: none"> <li>• International Air Pollution Prevention (IAPP) Certificate with its accompanying supplements</li> <li>• Engine International Air Pollution Prevention (EIAPP) Certificate with its accompanying supplements</li> <li>• Class certificate (where applicable)</li> <li>• Cargo Ship Safety Construction Certificate</li> </ul>	<ul style="list-style-type: none"> <li>• Relevant bunker delivery note(s)</li> <li>• Daily consumption record</li> <li>• Engine records</li> <li>• A Proof of Sustainability or similar documentation from a recognized scheme and relevant data (new)</li> </ul>
Zero-carbon fuel <sup>7</sup> (e.g. ammonia <sup>8</sup> ≤25% pilot fuel with slip addressed & green/bio methanol with ≤25% pilot fuel, B100 biofuel etc.)	<ul style="list-style-type: none"> <li>• International Air Pollution Prevention (IAPP) Certificate with its accompanying supplements</li> <li>• Engine International Air Pollution Prevention (EIAPP) Certificate with its accompanying supplements</li> <li>• Class certificate (where applicable)</li> <li>• Cargo Ship Safety Construction Certificate</li> <li>• Engine maker attestation to certify pilot fuel consumption and how ammonia slip/NO<sub>x</sub>/N<sub>2</sub>O is addressed (new)</li> </ul>	<ul style="list-style-type: none"> <li>• Relevant bunker delivery note(s)</li> <li>• Daily consumption record</li> <li>• Engine records</li> <li>• A Proof of Sustainability or similar documentation from a recognized scheme and relevant data (new)</li> <li>• Certificate of Quality (inclusive of FAME content) (new)</li> </ul>
<p><b><u>Low-Carbon Fuels</u></b></p> <ul style="list-style-type: none"> <li>• LNG, with methane slip addressed (≤1%)</li> <li>• B50 - B99</li> <li>• Methanol<sup>8</sup></li> </ul>	<ul style="list-style-type: none"> <li>• International Air Pollution Prevention (IAPP) Certificate with its accompanying supplements</li> <li>• Engine International Air Pollution Prevention (EIAPP) Certificate with its accompanying supplements</li> <li>• Class certificate (where applicable)</li> <li>• Cargo Ship Safety Construction Certificate</li> <li>• Engine maker attestation to certify pilot fuel consumption and how methane slip is addressed (new). This will</li> </ul>	<ul style="list-style-type: none"> <li>• Relevant bunker delivery note(s)</li> <li>• Daily consumption record</li> <li>• Engine records</li> <li>• A Proof of Sustainability or similar documentation from a recognized scheme and relevant data (new)</li> <li>• Certificate of Quality (inclusive of FAME content) (new)</li> </ul>

<sup>6</sup> Tank-to-wake emissions.

<sup>7</sup> Based on accounting of Singapore’s domestic greenhouse gas emissions.

<sup>8</sup> With carbon intensity no higher than the prevailing maximum carbon intensity of fuel bunkered to ocean-going vessels.

New Criteria	Document(s) needed during application/registration	Examples of documents to be made available to MPA upon request throughout the concession period*
	subject to checks to qualify for this higher tier.	
<p><b><u>Low-Carbon Fuels</u></b></p> <ul style="list-style-type: none"> <li>• LNG, without methane slip addressed</li> <li>• B24-B49</li> </ul>	<ul style="list-style-type: none"> <li>• International Air Pollution Prevention (IAPP) Certificate with its accompanying supplements</li> <li>• Engine International Air Pollution Prevention (EIAPP) Certificate with its accompanying supplements</li> <li>• Class certificate (where applicable)</li> <li>• Cargo Ship Safety Construction Certificate</li> </ul>	<ul style="list-style-type: none"> <li>• Relevant bunker delivery note(s)</li> <li>• Daily consumption record</li> <li>• Engine records</li> <li>• A Proof of Sustainability or similar documentation from a recognized scheme and relevant data (new)</li> <li>• Certificate of Quality (inclusive of FAME content) (new)</li> </ul>

\* Vessels are required to retain the information listed above for at least **one** year from the date of declaration. Copies of supporting documents such as the International Air Pollution Prevention (IAPP) or Engine International Air Pollution Prevention (EIAPP) certificates, daily consumption record(s), relevant bunker delivery note(s), engine record(s), and ISCC certification must be made available to the Maritime and Port Authority of Singapore (MPA) upon request.

7 The port dues concession offered under the GCP is valid in conjunction to any other concessions that the vessel may enjoy. All participants of the GCP are subject to the Terms and Conditions outlined in this Port Marine Circular (PMC). MPA reserves the right to amend the Terms and Conditions of the GCP, based on developments in IMO regulations and Singapore's domestic climate targets (Nationally Determined Contributions).

8 For queries regarding the programme, please refer to the Frequently Asked Questions (FAQs) in **Annex I**. Should you have any further questions, please contact us at [greenport@mpa.gov.sg](mailto:greenport@mpa.gov.sg). For queries related to harbour craft licensing, please contact Marine Licensing and Permits (MLP) at 1800 272 7777 or email at [mlp@mpa.gov.sg](mailto:mlp@mpa.gov.sg).

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## FREQUENTLY ASKED QUESTIONS (FAQs) FOR GREEN CRAFT PROGRAMME (GCP)

### 1. How can a craft qualify for the port dues concession under GCP?

Harbour craft that fulfils the qualifying criteria will be prompted to apply for the concession during the online registration process for the new harbour craft licence in digitalPORT@SG™ at <https://digitalport.mpa.gov.sg/>.

### 2. What if the craft meets multiple criteria under the GCP? Will the craft enjoy multiple port dues concession?

No, only the most suitable concession scheme will be applied to an eligible new build harbour craft.

### 3. If the craft is previously registered under GPP and is approved for the 5-year waiver, would the craft require registration under the GCP?

MPA licensed harbour craft that are currently registered under the 5-year waiver of craft port dues for low or zero carbon-fuelled (under the GPP) will continue to enjoy the waiver of craft port dues until the end of 5-year validity period, or until 31 December 2027, whichever is earlier, provided that the craft (a) maintains the MPA licence, and (b) successfully demonstrates the use of zero-emission fuel/technology or zero/low carbon fuel throughout the year<sup>9</sup>. For those craft that have yet to reach the full 5-year validity period as at 31 December 2027, they will also need to provide MPA with documents including calculations and verified proof of mitigation technologies to continue to enjoy port dues waiver for the full 5-year validity period, to be in line with GCP. The craft registered under the GPP will not be eligible for the new GCP.

### 4. Is there a validity period for the compliant craft from the date of registration?

Yes, the craft will remain in the GCP listing for the applicable concession period (e.g. 3 years for use of low-carbon fuel) with the relevant documents provided upon request from MPA for verification. See FAQ No.8 (Table 2) for further details.

### 5. Will a retrofitted craft qualify for the port dues concession?

Retrofitted craft will generally not qualify for the craft port dues concession as the GCP is targeted for **new build** harbour craft. However, retrofitted craft that meets the GCP standards can be considered on a case by case basis.

### 6. What if my craft undergoes retrofitting after registration?

It is strongly inadvisable for the craft to undergo retrofitting after receiving approval for applicable concession scheme if the craft wishes to qualify for port dues concession until the end of the validity period. Depending on the changes made to the craft, the craft may be subjected to disqualification from the GCP and will not receive the craft port dues concession.

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<sup>9</sup> MPA reserves the right to conduct **annual** documentation review for the waiver of craft port dues for all eligible MPA licensed harbour crafts. Supporting documents must be made available to MPA upon request throughout the applicable concession period.

## 7. What if the Gross Tonnage (GT) of my craft changes after registration?

It is highly inadvisable to change the GT of the craft after receiving approval for the concession scheme. For instance, if the GT of a fully electric craft is increased to more than 120 GT, the validity period for the approved concession scheme will be reduced from 10 years to 8 years. If the GT of the craft is decreased to less than 120 GT, the validity period for the approved concession scheme will remain at 8 years. For both cases, the craft port dues concession offered remains the same at 100% for fully electric harbour craft.

## 8. Under what circumstances will my craft not be able to enjoy the craft port dues concession?

Craft registered under the GCP will be subjected to annual documentation review by MPA and will not be awarded the concession for the year under the following circumstances:

- The fuel/technology type used throughout operations in Singapore Port Limits does not match the approved concession scheme (examples given in **Table 2**).

**Table 2. Examples where craft will not enjoy port dues concession**

Approved concession scheme	Fuel/technology type used by craft	Outcome
Low carbon fuel – B50-B99	B24	30% craft port dues concession is <b>not</b> awarded for the year. No change in duration of the concession scheme (3 years).
Low carbon fuel – B24-B49	B100	10% craft port dues concession is awarded for the year. No change in duration of the concession scheme (3 years) and no change to concession scheme permitted after award.
Zero-carbon fuel – B100 biofuel	<B100 biofuel/ conventional fuel	100% craft port dues concession is <b>not</b> awarded for the year. No change in duration of the concession scheme (10 years).

- Craft does not meet the requirements during annual documentation review.
- Craft is delicensed at the point of mandatory annual documentation review for port dues concession.

## 9. Are there any fees associated with registering the craft under the GCP?

There are no fees required currently to register the craft under the GCP till 31 December 2027.

## 10. When will the craft port dues concession be granted to my new build harbour craft?

New build harbour craft eligible for the craft port dues concession under GCP will continue to make payments upon both the issuance and renewal of harbour craft licence. Following review of documentation that supports the use of zero-emission fuel

or technology and zero- or low-carbon fuels, approved concessions will be granted at the **end** of each licence period.

**11. What should I do if I am unsure of whether the craft qualifies for GCP?**

For any uncertainties regarding the qualification, please contact us at [greenport@mpa.gov.sg](mailto:greenport@mpa.gov.sg). We would be pleased to assist further.