



A division of Grindrod Shipping (South Africa) (Pty) Ltd

## Memorandum

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To : As per distribution list

Our Ref : US/FLT/005

From : DPA

Date : 06 August 2014

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### COMPANY CIRCULAR 31/14 (HSE)

#### Bunkers at Singapore – Mass Flow Meters (MFM)

Dear Captain / CEO

The Port of Singapore has become the first port to mandate the use of “Mass Flow Meters” in bunker operations.

The Mass Flow Meter is a device which measures the mass of the bunkers, rather than the volume and removes the risk of human error when calculating bunker quantities. It is also designed to combat “frothed” or “cappuccino” bunkers, where fuel is delivered with small air bubbles which, after settling, lower the total volume of fuel delivered and in turns leads to claims and disputes over the quantity delivered. The system is intended to reduce the amount of time required for bunkering by around three hours, resulting in greater operational efficiency.

Enforcement dates for the new system to be fitted are as follows:

31st December 2016 - Existing bunker tankers must be fitted with an MPA approved MFM system

1st January 2017 - All bunker fuel delivery must use the MFM system in the Port of Singapore

Attached U.K. **Bulletin 984 and MPA –Port Marine Circular 08 of 2014** in this context.

Regards

A handwritten signature in blue ink, appearing to read "Rajesh Sharma".

Capt. Rajesh Sharma

DPA

**DISTRIBUTION**

All Masters  
Crewing Manager  
Superintendents  
Marine Manager  
SHEQ Manager  
Ship Management System  
Training Manager

Attachments: Bulletin 984 – MPA Port Marine Circular 08 of 2014

UK P&I CLUB



# LP Bulletin

Friday 1<sup>st</sup> August 2014

## Bulletin 984 - 08/14 - Mass Flow Meters - Singapore

Members may recall Club [Bulletin 963](#) regarding the forthcoming implementation of mandatory Mass Flow Meters on board bunker barges in Singapore.

The Singapore Maritime Port Authority (MPA) has released a new circular which details the specific dates from which all existing and new bunker barges need to be fitted with the approved Mass flow meters. The date for the mandatory use of Mass Flow Meters in Singapore has been set as 1<sup>st</sup> January 2017.

The circular which also has links to FAQ on Mass Flow Meters and the generic delivery procedure for bunkering using Mass Flow meters, can be found on the [MPA website](#)

### Source of information

Singapore Maritime Port Authority  
[www.mpa.gov.sg](http://www.mpa.gov.sg)

Anuj Velankar  
UK P&I Club Loss Prevention Dept  
[lossprevention.ukclub@thomasmiller.com](mailto:lossprevention.ukclub@thomasmiller.com)



MARITIME AND PORT AUTHORITY OF SINGAPORE

PORT MARINE CIRCULAR

NO.08 of 2014

29 July 2014

Bunker Suppliers / Bunker Craft Owners and Operators  
Shipping Community  
Harbour Craft Community

**MANDATORY ADOPTION OF MASS FLOW METERING SYSTEM FOR MARINE FUEL OIL DELIVERY IN THE PORT OF SINGAPORE**

As the world's leading bunkering port, it is important for Singapore to provide quality bunkering services to vessels lifting bunkers in the port. The use of the Mass Flow Metering (MFM) system for bunkering in the Port of Singapore will not only enhance transparency in the bunkering process, but also improve operational efficiency and increase the productivity of the bunker industry.

2 As announced on 8 April 2014, MPA will be mandating the use of an MPA-approved MFM system for Marine Fuel Oil (MFO) delivery in the Port of Singapore from 1 January 2017.

**i. Existing bunker tankers**

All existing bunker tankers operating in port will be required to be fitted with an MPA-approved MFM for MFO delivery by 31 December 2016.

**ii. New bunker tankers**

All new bunker tankers applying for Harbour Craft (Bunker Tanker) licence from 31 December 2014 onwards will be required to be fitted with an MPA-approved MFM for MFO delivery.

3 As part of MPA's ongoing efforts to assist the maritime industry, MPA will be offering a lump sum incentive of S\$80,000 for each existing bunker tanker (as at 8 April 2014) delivering MFO in the Port of Singapore. The incentive will be given out upon MPA's approval of the fitted MFM system. All Bunker Craft Owners or Operators of bunker tankers eligible for the incentive will be notified by MPA on the application process for the incentives.

4 You may refer to the Frequently Asked Questions (FAQ) and Generic MFM procedure for Bunkering via the following links.

[http://www.mpa.gov.sg/sites/pdf/faq\\_mfm.pdf](http://www.mpa.gov.sg/sites/pdf/faq_mfm.pdf)

[http://www.mpa.gov.sg/sites/pdf/generic\\_mfm\\_delivery\\_procedure.pdf](http://www.mpa.gov.sg/sites/pdf/generic_mfm_delivery_procedure.pdf)

5 Please contact Mr Jackson Koh at tel. no. 6375 1953 or email to [Jackson\\_Koh@mpa.gov.sg](mailto:Jackson_Koh@mpa.gov.sg) for any clarification needed on this circular.

DR PARRY OEI  
DIRECTOR (PORT SERVICES) / CHIEF HYDROGRAPHER  
for CHIEF EXECUTIVE  
MARITIME AND PORT AUTHORITY OF SINGAPORE