

# LP BULLETIN

Friday 12 October 2007

## Bulletin 547 - 10/07 - Oil spill response and vessel rates - Singapore

**The Maritime and Port Authority of Singapore (MPA) and the International Tanker Owners Pollution Federation Limited (ITOPF) signed a Memorandum of Understanding (MOU) on Oil Spill Response & Vessel Rates.**

With the signing of the MOU, the MPA has amended the charges that it levies for fire-fighting, oil spill response and anti-pollution services (OSR services) set out in the MPA notification on scale of dues, rates and general fees. These rates are considered reasonable by ITOPF when these resources are used in response to pollution incidents involving ships entered in the International Group of P&I Clubs.



The MOU was agreed at the International Chemical and Oil Pollution Conference and Exhibition (ICOPCE) on 24 September 2007, and is detailed in the MPA Port Marine Circular No. 6 of 2007. The MOU (Appendix A of the Port Marine Circular) is attached to this bulletin.

Appendix B of the Circular details the new charges to be levied by the MPA for its OSR services and is attached to this bulletin. Where the OSR services are provided by the MPA's supporting oil spill response agencies, the charges shall be computed according to the applicable rates set out in Appendix C of the of the Circular, which is also attached to this bulletin.

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

Attached: Appendices A, B and C of MPA Port Marine Circular No. 6 of 2007

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## MEMORANDUM OF UNDERSTANDING

### OIL SPILL RESPONSE & VESSEL RATES IN SINGAPORE

The attached schedule of rates for vessels and equipment deployed under the direction of the Maritime and Port Authority (MPA) by MPA and the service providers acting under the direction of MPA has been agreed between MPA & the International Tanker Owners Pollution Federation Limited (ITOPF) as at 24 September 2007. These rates are considered reasonable by ITOPF when these resources are used in response to pollution incidents involving vessels entered in International Group of P&I Clubs.

The schedule will be reviewed by MPA and ITOPF on three-yearly cycle unless otherwise agreed in writing between the parties. The next review is scheduled to take place in January 2009.

Signed for and on behalf of  
MARITIME AND PORT AUTHORITY  
OF SINGAPORE

Signed for and on behalf of  
THE INTERNATIONAL TANKER  
OWNERS POLLUTION  
FEDERATION LIMITED

A handwritten signature in black ink, appearing to read 'M Segar'.

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M SEGAR  
DIRECTOR(PORT)/PORT MASTER

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HUGH PARKER  
TECHNICAL TEAM MANAGER

Date: 24 September 2007

Date: 24 September 2007

**CHARGES FOR MPA'S OIL SPILL RESPONSE SERVICES**

Charges for fire-fighting, oil spill response and anti-pollution services

The charges for fire-fighting, oil spill response and anti-pollution services provided by the Authority to save life or property are as follows:

|  | <i>Rate per hour or part thereof from the time the vessel leaves the base to the time it returns to base and is no longer required</i> | <i>Rate per day for usage of services exceeding 8 hours in a day</i> | <i>Standby rate per day or part thereof, for the period that the vessel is on standby at a forward storage area or base or in transit</i> |
|--|--|--|---|
| (a) for the deployment of a fire-fighting craft                      | \$1,200  | \$9,600  | \$4,800   |
|  | <i>Rate per hour or part thereof from the time the vessel leaves the base to the time it returns to base and is no longer required</i> | <i>Rate per day for usage of services exceeding 8 hours in a day</i> | <i>Standby rate per day or part thereof, for the period that the vessel is on standby at a forward storage area or base or in transit</i> |
| (b) for the deployment of an anti-pollution vessel as follows:       |  |  |   |
| (i) a fire-fighting craft or tug used as an anti-oil pollution craft | \$875  | \$7,000  | \$3,500   |
| (ii) a launch  | \$220  | \$1,700  | \$850   |
| (iii) a workboat or hydrographic craft used as a command craft       | \$550  | \$5,000  | \$2,500   |
| (iv) a garbage collection craft used as an anti-oil pollution craft  | \$260  | \$2,050  | \$1,025   |

|  | <i>Rate per day or part thereof</i> | <i>Standby rate per day or part thereof, for the period that the equipment is on standby at a forward storage area or base or in transit</i> |
|--|-------------------------------------|--|
| (c) for the use of oil spill response equipment as follows:  |                                     |  |
| (i) a rapid response container   | \$4,500                             | \$2,250  |
| (ii) 250-metre length of open water boom   | \$4,850                             | \$2,425  |
| (iii) 100m <sup>3</sup> inflatable oil storage barge   | \$9,000                             | \$4,500  |
| (iv) 45-tonne/hour oil skimmer   | \$1,600                             | \$800  |
| (v) 30-tonne/hour vacuum skimmer   | \$650                               | \$325  |
| (vi) 12-metre dispersant spray system  | \$300                               | \$150  |
| (vii) a dispersant eductor   | \$150                               | \$75   |
| (d) manpower charges of between \$50 to \$300 per hour or part thereof, according to the seniority of the officer deployed;  |                                     |  |
| (e) dispersants to be charged at cost, with additional charges for the storage and handling thereof;   |                                     |  |
| (f) an administrative charge at 6% of the total charges payable to the Authority, for total charges up to \$1 million, or such lower amount as may be determined by the Authority for total charges exceeding \$1 million. |                                     |  |

**MPA'S SUPPORTING OIL SPILL RESPONSE AGENCIES**

***PSA MARINE PTE LTD***

| <b>ITEM</b> | <b>DESCRIPTION</b>                       | <b>RATES</b>   |
|-------------|--|--|
| Tug         | Tugs used as an anti-oil pollution craft | A daily rate of S\$13,500 per turnout per tug. Thereafter, an hourly rate of S\$1,260 or a daily rate* of S\$13,500 per tug whichever is lower. For hourly usage, a separate bunker adjustment charge is applicable. |
| Dispersant  | Dispersants                              | Actual cost plus 20% administrative charge thereon   |

Note:-

- (a) \*Hourly rate for tug involvement up to 12 hours in a calendar day. After 12-hour involvement in a calendar day, a daily rate applies.
- (b) Charges will start once the tug is activated and will continue until they are instructed to be de-activated (base-to-base).
- (c) Standby rate per day or part thereof, will be charged at 50% of the daily rate, for the period that the tug listed in the table above is on standby at a forward storage area or base or in transit.

***KEPPEL SMIT TOWAGE PTE LTD***

| <b>ITEM</b> | <b>DESCRIPTION</b>                       | <b>RATES</b>  |
|-------------|--|---|
| Tug         | Tugs used as an anti-oil pollution craft | A daily rate of S\$13,500 per turnout per tug. Thereafter, an hourly rate of S\$1,260 or a daily rate of S\$13,500 per tug whichever is lower. For hourly usage, a separate bunker adjustment charge is applicable. |
| Dispersant  | Dispersants                              | Actual cost plus 20% administrative charge thereon  |

Note:-

- (a) \*Hourly rate for tug involvement up to 12 hours in a calendar day. After 12-hour involvement in a calendar day, a daily rate applies.
- (b) Charges will start once the tug is activated and will continue until they are instructed to be de-activated (base-to-base).
- (c) Standby rate per day or part thereof, will be charged at 50% of the daily rate, for the period that the tug listed in the table above is on standby at a forward storage area or base or in transit.

**SHELL EASTERN PETROLEUM PTE LTD**

| ITEM                             | DESCRIPTION   | RATES  |
|----------------------------------|---|--|
| Work boat                        | (a) KELUANG Work boat with dispersant spray equipment                       | S\$192/hr capped at S\$3,100/day. Rate excludes additional equipment, manpower and fuel. |
|                                  | (b) KERIMA Work boat with dispersant spray equipment                        | S\$340/hr capped at S\$5,500/day. Rate excludes additional equipment, manpower and fuel. |
| Launch                           | Marine Launch   | S\$100/hr  |
| Komara Mini skimmer              | Komara mini skimmer (7m <sup>3</sup> per hour recovery rate)                | S\$800/day   |
| Vikoma Hoyle T-12 T-Disc skimmer | Vikoma Hoyle T-12 T-Disc skimmer (12 m <sup>3</sup> per hour recovery rate) | S\$800/day   |
| Offshore spray system            | Offshore spray system   | S\$300/day   |
| Inshore spray system             | Inshore spray system  | S\$150/day   |
| Knapsack sprayer                 | Knapsack sprayer (20-litre tank capacity)                                   | S\$20/day  |
| Boom                             | (a) Hoyle type 'A' fence boom (per 25-metre length)                         | S\$120/day   |
|                                  | (b) Shore Guardian boom (per 10-metre length)                               | S\$145/day   |
|                                  | (c) Hi Sprint boom (per 300-metre length)                                   | S\$5,200/day   |
| Sorbent pads                     | (a) T156 sorbent pads (per 100 sheets bale)                                 | Purchase price + admin charge of 15% thereon   |
|                                  | (b) T157 sorbent pads (per 50 sheets bale)                                  | Purchase price + admin charge of 15% thereon   |
|                                  | (c) T270 sorbent booms (per 4 booms case)                                   | Purchase price + admin charge of 15% thereon   |
| Fire hose                        | 15-metre fire hose  | S\$40/day  |
| Dispersant                       | Shell LTX Dispersant<br>Imported dispersant                                 | S\$550 per drum<br>Supplier cost + 15% admin charge thereon                              |
| Manpower                         | (a) Senior staff  | S\$80/hr   |
|                                  | (b) Other Staff   | S\$50/hr   |
|                                  | (c) Contract labour   | Invoiced cost + 15% admin charge thereon   |

- Note: (a) Per day rate is based on usage of resources exceeding 8 hours per calendar day.  
 (b) Standby rates per day or part thereof, will be charged at 50% of the daily rate, for the period that any craft or equipment listed in the table above is on standby at a forward storage area or base or in transit.

**SINGAPORT CLEANSEAS PTE LTD**

| ITEM        | DESCRIPTION   | RATES   |
|-------------|---|---|
| Tanker      | (a) Cleanseas "Pearl" Tanker<br><br>(b) Cleanseas "Ruby" Tanker   | 1st 12hrs or part thereof<br>S\$4,000/- + actual cost of fuel;<br>subsequent 12hrs or part<br>thereof S\$3,000/- + actual<br>cost of fuel<br><br>1st 12hrs or part thereof<br>S\$6,000/- + actual cost of fuel;<br>subsequent 12hrs or part<br>thereof \$4,500/- + actual cost<br>of fuel |
| Oil skimmer | Hydrodynamic induction bow<br>oil skimmer (recovery rate<br>up to 120m <sup>3</sup> /hour at oil slick<br>thickness of 2mm) | 1st 12hrs or part thereof<br>\$5,000/- subsequent 12hrs or<br>part thereof \$3,500  |
| Manpower    | (a) Middle management<br>personnel<br><br>(b) Supervisory/technical<br>personnel<br><br>(c) Oil Spill operators             | S\$500 per 12 hr block or part<br>thereof<br><br>S\$400 per 12 hr block or part<br>thereof<br><br>S\$250 per 12 hr block or part<br>thereof   |

Note: Standby rate per day or part thereof, will be charged at 50% of the daily rate, for the period that any craft or equipment listed in the table above is on standby at a forward storage area or base or in transit.

**CHEVRON SINGAPORE PTE LTD**

| ITEM                    | DESCRIPTION  | RATES   |
|-------------------------|--|---|
| Work boat               | (a) SR 2110E<br><br>(b) SR 2094Z<br><br>(c) SR 9526E   | Minimum of S\$500 for 1st 4 hrs and thereafter at S\$60/hr.<br>S\$1,500 per 24-hr day<br>Minimum of S\$500 for 1st 4 hrs and thereafter at S\$60/hr.<br>S\$1,500 per 24-hr day<br>Minimum of S\$500 for 1st 4 hrs and thereafter at S\$60/hr.<br>S\$1,500 per 24-hr day |
| Boom system             | (a) Sentinel 750 boom system (4 x 50 metres)<br>(b) Hoyle Protector boom system (8 x 25 metres)<br>(c) Shore guardian 550 boom system (5 x 10 metres)      | S\$20/metre/day<br>S\$14.50/metre/day<br>S\$22.40/metre/day   |
| Skimmer                 | Komara 12K skimmer system (18 tonnes/hour)   | S\$600/day  |
| Oil Storage System      | Fastank 2000 oil storage system (7,500 litres)   | S\$240/day  |
| Sea Spray system        | Sea Spray system   | S\$500/day  |
| Dispersant              | Chemkleen OSDA   | S\$4.00 per litre   |
| OSR Equipment servicing | Contract company   | As invoiced + administrative charge of 10%  |
| Manpower                | (a) Senior management personnel<br>(b) Middle management personnel<br>(c) Supervisory/technical staff<br>(d) Oil spill operators<br>(e) Contract personnel | S\$200/hr<br>S\$150/hr<br>S\$100/hr<br>S\$80/hr<br>S\$30/hr   |

Note: (a) Per day rate is based on usage of resources exceeding 10 hours per calendar day.  
(b) Standby rate per day or part thereof, will be charged at 50% of the daily rate, for the period that any craft or equipment listed in the table above is on standby at a forward storage area or base or in transit.

**EXXONMOBIL ASIA PACIFIC PTE LTD**

| ITEM          | DESCRIPTION   | RATES  |
|---------------|---|--|
| OSR Workboat  | SR 2582 H – Chartered work boat (11.6 metres)   | Current charter and crew costs at \$121/hour plus call up charge of \$484. Daily 24-hr charge of \$3,200 plus call up charge of \$484. Craft is manned by one steersman and 3 workmen. |
| Oil Skimmer   | Komara 12K MkII skimmer   | S\$800/day   |
| Spray Skimmer | Frank Ayles Seaspray skimmer (5 HP engine @150 litres/min)  | S\$500/day   |
| Oil Boom      | Sea Sentinel (200 metres) oil boom c/w reel, power pack and blower  | S\$3,900<br>(S\$19.50 per metre per day)   |
| Dispersant    | Corexit 9500 dispersant   | At replacement cost  |
| Manpower      | (a) Senior Management staff<br>(b) Middle Management staff<br>(c) Supervisory/technical staff<br>(d) Contract workers | S\$141/hr<br>S\$80/hr<br>S\$50/hr<br>As invoiced   |
| Others        | Administrative charge   | 15% on total charges payable to ExxonMobil Asia Pacific Pte Ltd  |

- Note: (a) Per day rate is based on usage of resources exceeding 8 hours per calendar day.  
(b) Standby rate per day or part thereof, will be charged at 50% of the daily rate, for the period that any craft or equipment listed in the table above is on standby at a forward storage area or base or in transit.

**SINGAPORE REFINING COMPANY PTE LTD**

| ITEM                              | DESCRIPTION   | RATES   |
|-----------------------------------|---|---|
| Mooring boat                      | (a) SR 2296I (LOA 10.8M)<br>(b) SR 1668C (LOA 12.2M)<br>(c) SR 2528C (LOA 11.8M)  | S\$300/hr or S\$2,400day<br>S\$300/hr or S\$2,400day<br>S\$300/hr or S\$2,400day  |
| Skimmer                           | Elastec Magnum 100 Skimmer<br>(17.7 x 14.5 x 4.5m) 380-litre Per<br>Minute (Recovery Rate)  | S\$500/day for short term land demobilisation<br>only. Additional mobilisation costs will be<br>levied if sea transport is required.  |
| Water pump                        | Water pump (Ziegler of<br>1,300-litre per minute)   | S\$300/day  |
| Dispersant pump/<br>sprayer       | Vikoma Vikospray 2000<br>(9-litre per minute)   | S\$408/day  |
| Elephant knapsack<br>pump/sprayer | Elephant knapsack pump/ sprayer<br>(20-litre tank capacity)   | S\$20/day   |
| In-line inductor                  | In-line inductor<br>(450-litre per minute)  | S\$150 per unit for short term land<br>demobilisation only. Additional mobilisation<br>costs will be levied if sea transport is<br>required.  |
| Fire hose                         | 30-metre length Angus Duraline  | S\$75 per length for short term land<br>demobilisation only. Additional mobilisation<br>costs will be levied if sea transport is<br>required.   |
| Containment boom                  | 30-metre/Section American Marine<br>Optimax II boom   | S\$200/section/day excludes clean-up costs<br>after deployment. \$500/section/day capped<br>at S\$3,000 includes clean-up costs after<br>deployment                                       |
| Dispersants                       | Chemlex (water base)  | \$3 per litre plus 15% handling fee   |
| Manpower                          | (a) Department Manager<br>(b) Section Manager<br>(c) Supervisor/Engineer<br>(d) Admin support-Management<br>(e) Technical Assistant<br>(f) Admin Support-Bargainable<br>(g) Senior Technician | S\$220/hr or S\$1,685/day<br>S\$150/hr or S\$1,135/day<br>S\$120/hr or S\$920/day<br>S\$70/hr or S\$510/day<br>S\$55/hr or S\$395/day<br>S\$65/hr or S\$475/day<br>S\$70/hr or S\$545/day |
| Others                            | Administrative charges  | 15% on total charges payable to Singapore<br>Refining Company Pte Ltd   |

- Note: (a) Per day rate is based on usage of resources exceeding 8 hours per calendar day.  
(b) Standby rate per day or part thereof, will be charged at 50% of the daily rate, for the period that any craft or equipment listed in the table above is on standby at a forward storage area or base or in transit.