



MARITIME AND PORT AUTHORITY OF SINGAPORE

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Shipping Community

OIL SPILL RESPONSE & VESSEL RATES IN SINGAPORE

1 The Maritime & 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 on 24 Sep 2007 at the International Chemical and Oil Pollution Conference and Exhibition (ICOPCE) 2007. A copy of the MOU is attached at “**Appendix A**”.

2 With the signing of the MOU, MPA has amended the charges that it levies for fire-fighting, oil spill response and anti-pollution services (“OSR Services”) set out in the Maritime and Port Authority of Singapore (Scale of Dues, Rates and General Fees) Notification. A schedule of the new charges to be levied by MPA for its OSR Services is attached at “**Appendix B**”.

3 Where the OSR Services are provided by MPA’s supporting oil spill response agencies¹, the charges payable shall be computed according to the applicable rates set out in the Schedule to the MOU, which is attached at “**Appendix C**”.

4 The new charges set out in **Appendices B** and **C** are published in the Government Gazette on 1 Oct 07, and will take effect on the same day.

LEE CHENG WEE
for PORT MASTER
MARITIME AND PORT AUTHORITY OF SINGAPORE
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¹ Shell Eastern Petroleum Pte Ltd, ExxonMobil Asia Pacific Pte Ltd, Singapore Refining Company Pte Ltd, Chevron Singapore Pte Ltd, Keppel Smit Towage Pte Ltd, PSA Marine Pte Ltd and SingaPort Cleanseas Pte Ltd.



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'.

M SEGAR
DIRECTOR(PORT)/PORT MASTER

A handwritten signature in black ink, appearing to read 'Hugh Parker'.

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 ³ 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

ITEM	DESCRIPTION	RATES
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

ITEM	DESCRIPTION	RATES
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 ³ per hour recovery rate)	S\$800/day
Vikoma Hoyle T-12 T-Disc skimmer	Vikoma Hoyle T-12 T-Disc skimmer (12 m ³ 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 Imported dispersant	S\$550 per drum 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	1st 12hrs or part thereof S\$4,000/- + actual cost of fuel; subsequent 12hrs or part thereof S\$3,000/- + actual cost of fuel
	(b) Cleanseas "Ruby" Tanker	1st 12hrs or part thereof S\$6,000/- + actual cost of fuel; subsequent 12hrs or part thereof \$4,500/- + actual cost of fuel
Oil skimmer	Hydrodynamic induction bow oil skimmer (recovery rate up to 120m ³ /hour at oil slick thickness of 2mm)	1st 12hrs or part thereof \$5,000/- subsequent 12hrs or part thereof \$3,500
Manpower	(a) Middle management personnel	S\$500 per 12 hr block or part thereof
	(b) Supervisory/technical personnel	S\$400 per 12 hr block or part thereof
	(c) Oil Spill operators	S\$250 per 12 hr block or part 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	Minimum of S\$500 for 1st 4 hrs and thereafter at S\$60/hr. S\$1,500 per 24-hr day
	(b) SR 2094Z	Minimum of S\$500 for 1st 4 hrs and thereafter at S\$60/hr. S\$1,500 per 24-hr day
	(c) SR 9526E	Minimum of S\$500 for 1st 4 hrs and thereafter at S\$60/hr. S\$1,500 per 24-hr day
Boom system	(a) Sentinel 750 boom system (4 x 50 metres)	S\$20/metre/day
	(b) Hoyle Protector boom system (8 x 25 metres)	S\$14.50/metre/day
	(c) Shore guardian 550 boom system (5 x 10 metres)	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	S\$200/hr
	(b) Middle management personnel	S\$150/hr
	(c) Supervisory/technical staff	S\$100/hr
	(d) Oil spill operators	S\$80/hr
	(e) Contract personnel	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 (S\$19.50 per metre per day)
Dispersant	Corexit 9500 dispersant	At replacement cost
Manpower	(a) Senior Management staff (b) Middle Management staff (c) Supervisory/technical staff (d) Contract workers	S\$141/hr S\$80/hr S\$50/hr 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) (b) SR 1668C (LOA 12.2M) (c) SR 2528C (LOA 11.8M)	S\$300/hr or S\$2,400day S\$300/hr or S\$2,400day S\$300/hr or S\$2,400day
Skimmer	Elastec Magnum 100 Skimmer (17.7 x 14.5 x 4.5m) 380-litre Per Minute (Recovery Rate)	S\$500/day for short term land demobilisation only. Additional mobilisation costs will be levied if sea transport is required.
Water pump	Water pump (Ziegler of 1,300-litre per minute)	S\$300/day
Dispersant pump/sprayer	Vikoma Vikospray 2000 (9-litre per minute)	S\$408/day
Elephant knapsack pump/sprayer	Elephant knapsack pump/ sprayer (20-litre tank capacity)	S\$20/day
In-line inductor	In-line inductor (450-litre per minute)	S\$150 per unit for short term land demobilisation only. Additional mobilisation costs will be levied if sea transport is required.
Fire hose	30-metre length Angus Duraline	S\$75 per length for short term land demobilisation only. Additional mobilisation costs will be levied if sea transport is required.
Containment boom	30-metre/Section American Marine Optimax II boom	S\$200/section/day excludes clean-up costs after deployment. \$500/section/day capped at S\$3,000 includes clean-up costs after deployment
Dispersants	Chemlex (water base)	\$3 per litre plus 15% handling fee
Manpower	(a) Department Manager (b) Section Manager (c) Supervisor/Engineer (d) Admin support-Management (e) Technical Assistant (f) Admin Support-Bargainable (g) Senior Technician	S\$220/hr or S\$1,685/day S\$150/hr or S\$1,135/day S\$120/hr or S\$920/day S\$70/hr or S\$510/day S\$55/hr or S\$395/day S\$65/hr or S\$475/day S\$70/hr or S\$545/day
Others	Administrative charges	15% on total charges payable to Singapore 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.