

FAST OFFSHORE SUPPLY PTE LTD'S JEWEL OF THE SEA "FOS ORION" GETS ITS GLITTER FROM CAT®POWER



Fire Fighter "FOS Orion" powered by Cat engine models 3516 and C9, all set to play her role in supporting the oil companies' regional exploration activities.

Taking a leaf out of Sun Tzu's "The Art of War," Fast Offshore Supply Pte Limited (FOS) believes and lives the phrase "Know Thy Enemy. Know Thyself."

FOS advocates a thorough knowledge of the industry, customers' requirements and keeping abreast of the global and local market trends to maintain its course as a market leader.

FOS designs, builds, owns and operates a fleet of 57-60 metres Fast Multi-purpose Supply Vessels (FMSV) capable of top speeds of over 30 knots which rate them as one of the fastest offshore vessels in South East Asia and the Arabian Gulf. These serve as a mode of safe, expeditious and economical transportation of passengers and material in addition to providing standby, utility, towing, ERRV and oil pollution prevention functions to support oil companies' exploration, drilling and production activities.

FOS' vessels are jointly designed by naval architects from Singapore and Norway. These FMSV and 36-40m fast aluminium crew-boats are built at FOS' Singapore yard. Operations are carried out by its offices in Singapore and

Indonesia.

Only the best will do for FOS and it can only be Caterpillar® engines for all its vessels. "We find Cat engines to be very reliable and we like the strong support network in the areas we are working in," declares Director/General Manager, Mr Andrew Tsui. "Furthermore, we enjoy working with Cat Dealer, Tractors Singapore Limited from the sales personnel to the ever supportive commissioning and operational support services teams. All these factors make up the explicit reason why we purchase Cat engines. We appreciate too, the effective support lent by Cat Financial Services."

At the FOS Orion's commissioning, Mr Tsui looked on with pride as one of his "jewels of the sea" will now ply international waters to support oil exploration work at the service of 6 major oil companies. Mr Tsui knows full well this functional and fine-looking FMSV with vital statistics of:

- Ops speed 25 knots
- Large deck for cargo – 110ft by 30ft
- Capability of carrying 80 passengers in business-class size seats
- 20 bunks for passengers
- Certified stand by vessel – classed ERRV B
- Dynamic positioning 1
- Towing vessel – bollard pull 50 tons
- Fire fighting capability FIFI 1
- Option oil pollution equipment

is assuredly powered by 4 units of Cat model 3516B and 3 units C9, supplied and supported by Tractors Singapore Limited, authorized Cat dealer for Singapore, Maldives and Christmas Island.

A SINGAPORE-STYLED DINNER FOR TSL'S CUSTOMERS' APPRECIATION NIGHT



Lo Hei Session -
May luck and prosperity always be with us!



One of our lucky customers accepting his lucky draw gift from our Managing Director, Mr Ng Pock Yin



Toast to better partnerships and sales!

The usual Friday evenings traffic snarl was no deterrent to Tractors Singapore Limited's (TSL) valued guests who turned up at the Shangri-La Hotel for its Customers' Appreciation Night cum Lunar New Year celebrations on 26 February 2010.

Relaxed over cocktails, TSL/Caterpillar hosts and guests mingled whilst others took the opportunity of seeing their names creatively crafted onto cards by the skillful calligraphers on hand.

Instead of the usual prancing lions, a shimmering elegant dragon and an energetic mistress of ceremony signaled the start of what our guests would term one of the best functions they have attended. TSL's Managing Director, Ng Pock Yin and Caterpillar Asia's Vice President of Asia Pacific Distribution Services, Rob Charter formally welcomed everyone and thanked customers for their valued patronage in Mandarin and English respectively.

Then it was on with the show. Many were pleasantly surprised as they had not expected a very "Singaporean-type" of event. Besides the expected English and Mandarin dialogue, they were assailed by a variety of dialects and "Singlish" throughout the evening. Our petite and humorous emcee overwhelmed everyone with her bursts of energy. She sang, bantered with her co-hosts and left many in stitches as our guests identified themselves with situations and tales only the locals could appreciate. An illusion performance left many to wonder at the wonders of magic. Our sporting guests gamely participated in the singing and games like the ever exciting 4D which saw a lucky diner from Jack Enterprise, richer by hundreds of dollars that evening. Others were fortunate to have their names drawn for the lucky draw prizes but ultimately everyone left with a souvenir.

The TSL "Toasting Team" closed the dinner with a high spirited, boisterous toast of "huat ah" wish for prosperity and wealth for the companies.

The successfully staged evening was a realization of the organizing co-chairman's (Lim Kok Leong) objective – to make it a memorable event – one where customers will enjoy themselves and recall with fondness. As if to cast his goal in stone – one of our guests – Mr Vincent Koh of Pacific Richfield Marine, was inspired enough to write in after the dinner. *"The food was excellent and needless to say, the ambience was filled with lots of laughter....one would have been happy just having attended this wonderful and memorable night..."*

**RELIABILITY -
A SYNONYMOUS WORD WHERE
WORLD CLASS CSF CX2 COMPUTER EXCHANGE
AND STANDBY CATERPILLAR POWER ARE CONCERNED**

***Sime Darby Industrial's Power Systems Division
provides Cat standby power for CSF CX2 Computer Exchange***



CSF Computer Exchange, part of the CSF Group – a leader in the development and operation of world class data centers in Malaysia - provides complete and secured facilities with high availability infrastructure to assure 24 x 7 optimal operating environments. With more than 20 years of experience in design, construction and maintenance of over 200 data centers, the CSF Group is a recognized leader in the provision of Data Center infrastructure in the region. Presently, the Group has more than 200,000 sq ft of data center space capacity in its Computer Exchanges. A CSF Computer Exchange facility is the culmination of applied experience and expertise in operational processes, workflow, safety, security and maximum reliability to support mission critical operations.

Since the launch of the first CSF Computer Exchange (CX1) in 2003, it has garnered a broad clientele of major companies covering industries such as banking, insurance, automotive, food and beverage, travel, manufacturing and information technology. Its customers' strong presence is the best testament to its ability to provide reliable, trouble-free data centre services. To date, there are three CSF Computer Exchanges in Malaysia, two are within the vicinity of Cyberjaya and one in Johor Bahru.

CSF Computer Exchange 2 (CX2) is presently the largest purpose-built high-end commercial and carrier neutral Data Centre facility in South East Asia with a gross floor area exceeding 300,000 sq ft and dedicated DC space of 157,500 sq ft. This tier-3 DC facility requires a sub-system for standby backup power in the event of utility failure. Sime Darby Industrial's Power Systems Division (SDI-PSD), the authorized Cat Dealer for Malaysia and Brunei, ensured the Cat system would deliver the requirement.

As an acknowledged power specialist solution provider – SDI-PSD secured the order to supply, install, test and commission the equipment which included:

- 8 units Cat 3516TA packaged generator sets
- 8 units of Automatic Mains Failure Panel (AMF) – genset control
- Power and Control Cabling interconnections
- 2 units of underground diesel fuel storage tanks of 65,000 litres each and fuel transfer systems.

The 8 X Cat3516 Packaged generator sets, built in Lafayette plant, USA, are capable of delivering a total backup power of up to 16mVA / 12.8mW in the event of utility failure and also to cater for future capacity expansion.

The AMF panels installed were to facilitate control, load distribution, supervision and data monitoring for each generator set. The AMF acts upon receiving signal from the Automatic Transfer Switches (ATS) to startup the generator sets during utility power failure. Each of the AMF panels are equipped with EasyGen controller that monitors the generator sets while running and transmits real time performance data, warnings and fault alarms, monitored at the Command Center through MODBUS protocol. Critical shutdown signals are programmed and wired directly to the J1939 CAN1 Data link in the AMF Engine Controller.

Our installation and successful commissioning of these 8 X 3516TA MUI generator sets and ancillary items at CSF CX2 Data Center is a new beginning for PSD-SDI in the Data Center industry in Malaysia and gives credence to our stature as a reliable power specialist solution provider.



R.Kumareson, SDI application engineer with customers at the CSF CX2 genset room



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