



# PSC-STN ATLAS ELEKTRONIK (Malaysia) SDN BHD

## NEWSLETTER

February 2003

### Now more easy to find for our Customers



Lumut, had faced some difficulties to find our office, this will be more easy in the future.

Leaving Lumut downtown, via Jalan Titi Panjang, you will find on the left hand side of the road the Lumut Waterfront Villa, our main place of business.

### Hydrographic service successfully completed

In the framework of the Transfer of Technology, PSC-STN ATLAS ELEKTRONIK (Malaysia) SDN BHD is on it's way to build up the necessary expertise to act as partner-company to ATLAS HYDROGRAPHIC. Various hydrographic equipment and systems from ATLAS HYDROGRAPHIC (formerly STN ATLAS Hydrographic) are in service in the Royal Malaysian Navy. A domestic engineering capability for ongoing support and service therefore will contribute to continuous high performance and availability. A respective service contract is in place and the first service under these contract for KD PERANTAU was carried out. It was a start, but a successful one. The systems serviced are back to full operational capabilities. No doubt, our Malaysian engineers will still have to learn, but with the support of the service engineers from ATLAS HYDROGRAPHIC, which will decrease over time, the best service to the RMN is provided already today. This service was focussed on the two survey boats (PLUTO and UTARID)

We were entrusted with the task to service and repair the Fansweep systems onboard both survey boats, Pluto and Utarid. Preventive maintenance was also performed on other hydrographic equipment onboard

the survey boats i.e. DESO 25 Echosounder and Dynamic Motion Sensor.

The service and repair works were carried out by three engineers from ATLAS Hydrographic, Cairns, Australia, assisted by two engineers from PSC-STN ATLAS, Lumut, Malaysia. It took the team, as scheduled in advance, almost three weeks to complete the service works, which commenced on 11 November 2002 and was finalised on 28 November 2002.

Acceptance tests were carried out successfully in the presence of RMN representatives. The test survey results obtained and system performance achieved were certified by the ship's hydrographic officer as well within system specifications. All works were completed within the timeframe given by the RMN. We also took the opportunity to carry out an audit on the ship's hydrographic system in order to be well prepared for the respective service works, soon to come.

The achievement in the first service is another milestone for the company's hydrographic business and we are confident that with the experience gained, especially by our local engineers, we are able to continually improve our services and support to the RMN. Thus we contribute to the RMN's Hydrographic



Service to fulfil its' important role of charting (surveying) the seas and territorial waters of the nation.

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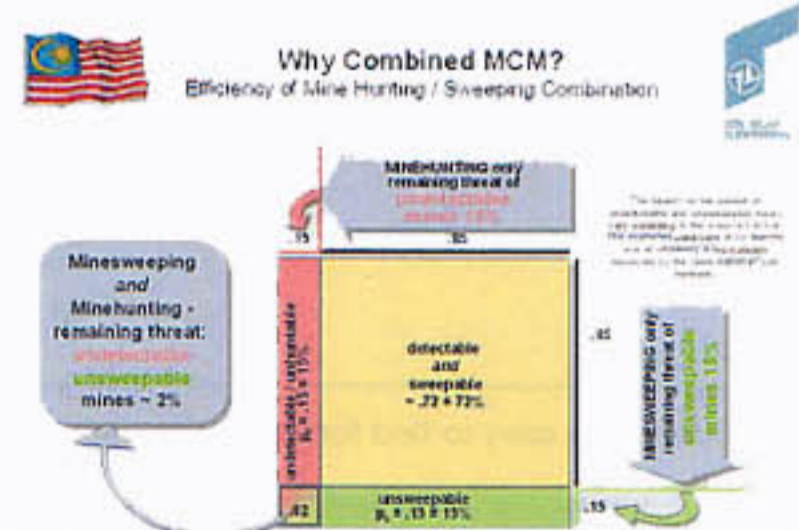
### RMN to reshape and upgrade its capabilities in the field of Mine Warfare

A very sensitive field for every Nation is to safeguard sea-lanes and sea-transport. The threat-scenario, especially the threat from sea-mines, has changed and is expected to change further in the future. Consequently, the RMN is studying the future orientation concerning Mine Counter Measures. The mother company of PSC-STN ATLAS Elektronik (Malaysia) SDN BHD happens to be a systems supplier of MCM systems with international reputation and a remarkable track record for first class MCM systems. Many of these systems are in service in Navies belonging to the leading Navies in that field. The systems and product range covers all aspects from hydrography and Mine Warfare Center to Mine Sweeping, Mine Hunting, MCM tactical systems and Mine disposal. STN ATLAS ELEKTRONIK is probably the sole company offering optimised functional chains and not only individual systems. Based on that, we organised a MCM seminar, which was held in Lumut Naval Base in December 2002.

The head of the MCM department of STN ATLAS, Mrs M. Hohmann and a former MCM officer of the German Navy, Mr. A. Lonkai, informed the audience on modern MCM and systems in service or under development.

The seminar was focused on general aspects and on systems and equipment in service, respectively under development as e.g. the future use of remote mine hunting vessels. It covered all relevant topics from Mine Warfare Data Center, Mine Sweeping to Mine Hunting, MCM Command Systems and Mine-

already announced, that they are prepared to share industrial expertise with PSC-STN ATLAS in Malaysia.



### Command System COSYS for the PV

COSYS M 110 is the command system, selected to form the brain of the new PVs. After having passed successfully the factory acceptance test (FAT), the hardware of the first system is already installed in the respective module of the ship.



The first modules are scheduled to arrive at PSC-NDSB in May 2003. The preparations to carry out the set-to-work, integration, test and acceptance activities, are well under way.

Our engineers, all Malaysian nationality, are still in Germany, to continue the Transfer of Technology activities. In parallel, detailed preparations have started in Lumut to realise an Combat System Integration Site.

The area will cover a total floor space of approx. 250 m<sup>2</sup> and will be equipped with all the necessary installations to enable combat system integration in Malaysia. An increasing amount of the hardware is going to be manufactured in Malaysia, in combination with the integration works in Lumut, it will be a major milestone for the first Command System realised in Malaysia, now close to be achieved. The Multi Function Console of COSYS 110M1, the visible key element of a command system, has the capability to become the new standard console for the RMN.



Multi Function Consoles, made in Malaysia, designed to become the new standard for Malaysia



Disposal. It further included, contributed by Mr. Meyer from the simulation division in Bremen, the aspects of training and simulation. Various questions, raised by the experienced audience, could be discussed and answered.

This event was aimed to be a starting point for an intensified dialog between the Royal Malaysian Navy, PSC-STN ATLAS (Malaysia) and STN ATLAS Elektronik in Bremen, Germany, to contribute to the challenging future programme of the RMN and the realisation of domestic industrial capabilities in that field as well. STN ATLAS in Bremen, Germany has

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