

## **TAS GETS NEW RADIO DIRECTION FINDING SYSTEM FROM ST ELECT TO BEAT AIRWAVE PIRATES**

Singapore, October 1998 – Singapore Technologies Electronics Limited (ST Elect)'s wholly owned subsidiary, CET Technologies Pte Ltd (CET), has commissioned an advanced Spectrum Monitoring and Radio Direction Finding (DF) System for the Telecommunication Authority of Singapore (TAS) today.

The system is worth S\$3 million. The all-weather DF system works round the clock and will greatly enhance TAS's ability to tackle signal interference problems and detect unauthorised use of the frequency spectrum, such as illegal radio stations used for broadcasting 4-D and horse racing results.

The DF system, which is based on the latest signal processing technology, is capable of monitoring and tracking all radio transmissions over a wide frequency band. It is able to locate emission sources accurately within seconds. Information on transmissions picked up by the direction finding equipment are sent back instantaneously to a Control Centre where they are processed, and the exact locations of transmissions displayed on a digitised map.

"We have already experienced early success in using the system. Its ability to provide instant printout of the location map indicating the sources of transmissions has facilitated quick enforcement actions by our TAS officers. We are very happy with this new system." remarked Mr. Leong Keng Thai, Director General of TAS.

"The commissioning of the DF system will strengthen TAS's capability in carrying out its regulatory role of patrolling and managing the dense radio frequency spectrum in Singapore," said Mr. Ng Chong Khim, General Manager, CET. He added, "we are proud to have been chosen by TAS to deliver this system".

### More about CET and ST Elect

CET, the communications arm of ST Elect, is a leading System House based in Singapore for Communications, Electronics for defence and Transportation. CET has been providing turnkey solution in communication systems, such as wireless networks, switching system, transmission system, computer network solutions, fleet management system and traffic management system to customers in Singapore and in the region.

ST Elect, a company of Singapore Technologies Engineering Ltd, is the leading electronics system house based in the region. ST Elect specialises in the design, development and integration of advanced electronic systems, such as intelligent building systems, communications and transportation systems, microwave and VSAT systems, command & control systems, and simulation systems.

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