New Vessel Traffic Management System
East Malaysia

Transas Marine Pacific together with its local agent KASI (Malaysia) Sdn Bhd have successfully completed installation and commissioning of a Vessel Traffic Management System (VTMS) for the port of Sapangar Bay, Sabah, East Malaysia. The installed VTMS covers both the port of Kota Kinabalu and Sapangar Bay Container Port (SBCP). The heart of the project is the large GEM radar with 19 foot antenna. In addition to this, the scope of supply included a radio direction finder for more accurate traffic monitoring and control; voice communication systems, shore-based AIS transponder and CCTV. The Sapangar Bay Container port was recently completed and has received a state-of-the-art and powerful VTMS comprising four operator workstations. The system support is be carried out by way of a remote connection both by local agent and directly by Transas. Sapangar Bay Container Port, with a handling capacity of 500,000 TEU a year, is a dedicated container port which can accommodate two container vessels with the carrying capacity of up to 3,000 TEU at the same time. Kota Kinabalu Port is mainly for loose/bulk cargo, while marine traffic around SBCP consists of naval traffic for the Royal Malaysian Navy, an oil depot and a cement terminal. Ports in Sabah are key points for exports and imports for the state and have the potential as transhipment hubs.