

List of Significant International Projects - with which Capt. K.H.Burchell has been involved, over the past 10 years, which are applicable to future Consultancy.

1994 Responsible for the organisation and eventual Chairing of the workshop on Vessel Traffic Management and Information System (VTS and VTMS) held in association with the 1995 South African Maritime Conference.

1995 Responsible for Liaising with the (International Maritime Organisation) IMO Deputy Secretary General and jointly organizing a conference with the Marine Industry Training Board on future Education and Training of South Africa's future seafarers in the new environment created by the political changes in South Africa.

1995 - 1996 Responsible within the National Port Authority (Portnet) for the investigation, establishment of a committee to resolve the user requirements, and the terms and conditions of the contract for (VTS and VTMS) for the Ports of South Africa.

1994 –1995 Responsible as the International Association of Marine and Lighthouse Authorities (IALA) local councilor for setting up and Chairing the organizing committee, liaising with IALA Secretariat on arrangements for the Conference, and eventually Chairing the Conference on Radio Navigation planning for the Southern African Region, held in Cape Town in May 1995.

1995 - 1996 – Responsible as IALA regional councilor together with the Mozambican Lighthouse Authority and the IHO (International Hydrographic Organisation) (INAHINA) for the organisation of a Conference on regional co-operation on Aids to Navigation and Hydrography held in Maputo in 1996.

1996 –1997 – Responsible as IALA Regional Councilor for the setting up of a Southern African Regional Group on Aids to Navigation Co-operation and the setting up together with the IHO a Regional Hydrographic Council for the area.

1997- 1998 As Chief Executive of Marine Data Systems acted as coordinating Project Manager for all sub Projects (Including all VTMS development Projects) associated with the provision of VTS and VTMS to the Ports of Saldanha and Cape Town. This project was the Pilot Project for South African VTS and VTMS and this system was eventually installed in all South African Ports with the Total Project value being R62 m.

1997 – 2001 Involved in various capacities in the International Specification through IALA, IMO, International Telecommunications Union (ITU) and IEC (International Electronics Council) and the development of the necessary

legislation for the mandatory implementation and carriage of AIS (Automatic Identification Systems) under the IMO SOLAS (Safety of Life at Sea Convention). Firstly as IALA councilor, and as a formation member of the AIS sub committee of IALA, as Technical Advisor to IMO on the subject for SAMSA the South African Maritime Safety Authority, and finally in the final development of the technology as a Director of Marine Data Systems.

1997- 2002 Involved as responsible Executive in Marine Data Systems for the establishment and co-ordination together with the Authorities concerned with the following International AIS test projects.

- INDRIS (Inland waterways and river information systems) European Union project which together with Dutch Ministry of Transport involved the provision, installation and integration of AIS mobiles and Base Stations with the Port and river VTS systems on the Rhine river from Rotterdam to the German border.
- AIS Test project with Canadian Authorities on the Canadian west coast involving the Port of Vancouver, local ferries and visiting cruise liners.
- Together with Trinity House and the Association of British Ports (ABP) the Marine and Coastguard Authority (MCA) as a member of the organising committee and the responsible director of Marine Data Systems the installation of a Test AIS system in the Solent area between Southampton and the Isle of Wight.
- Phases 1,2 and 3 of the Kiel Canal test AIS Projects as the coordinating project manager