## VTS Information Exchange

### Technical Aspects

The exchange of data is intended to increase the efficiency of VTS operations by sharing relevant data beyond the scope of a single VTS. This may, for instance, be the case for VTSs in adjacent areas, exchanging data about the traffic situation.

* Multiple Layers of information
  + Locally collected sensor data that is exchanged between VTS systems and other entities to enhance performance:
    - Radar video, plots
    - EOS data streaming
    - AIS/VDES
    - Weather / Hydrological data
    - RDF
  + VTS Traffic Image. Note that there may be different definitions of the “traffic image” depending on the intended use (e.g. law enforcement may have different requirements for the image). The VTS Traffic Image contains all information about the vessels and their voyages to enable VTS operations i.e.
    - Vessel static data
    - Voyage data
    - Vessel track data
  + Route Exchange. This concerns the intended vessel path with estimated ETAs at waypoints which is communicated by the vessel’s controlling entity
  + Navigational warnings?

## Technical Maritime Services

Explain relationship of above aspects with DMS