

# ELECTRONIC CHARTS

101



- 1979/1980
- 1984
- 1986
- 1989
- 1995

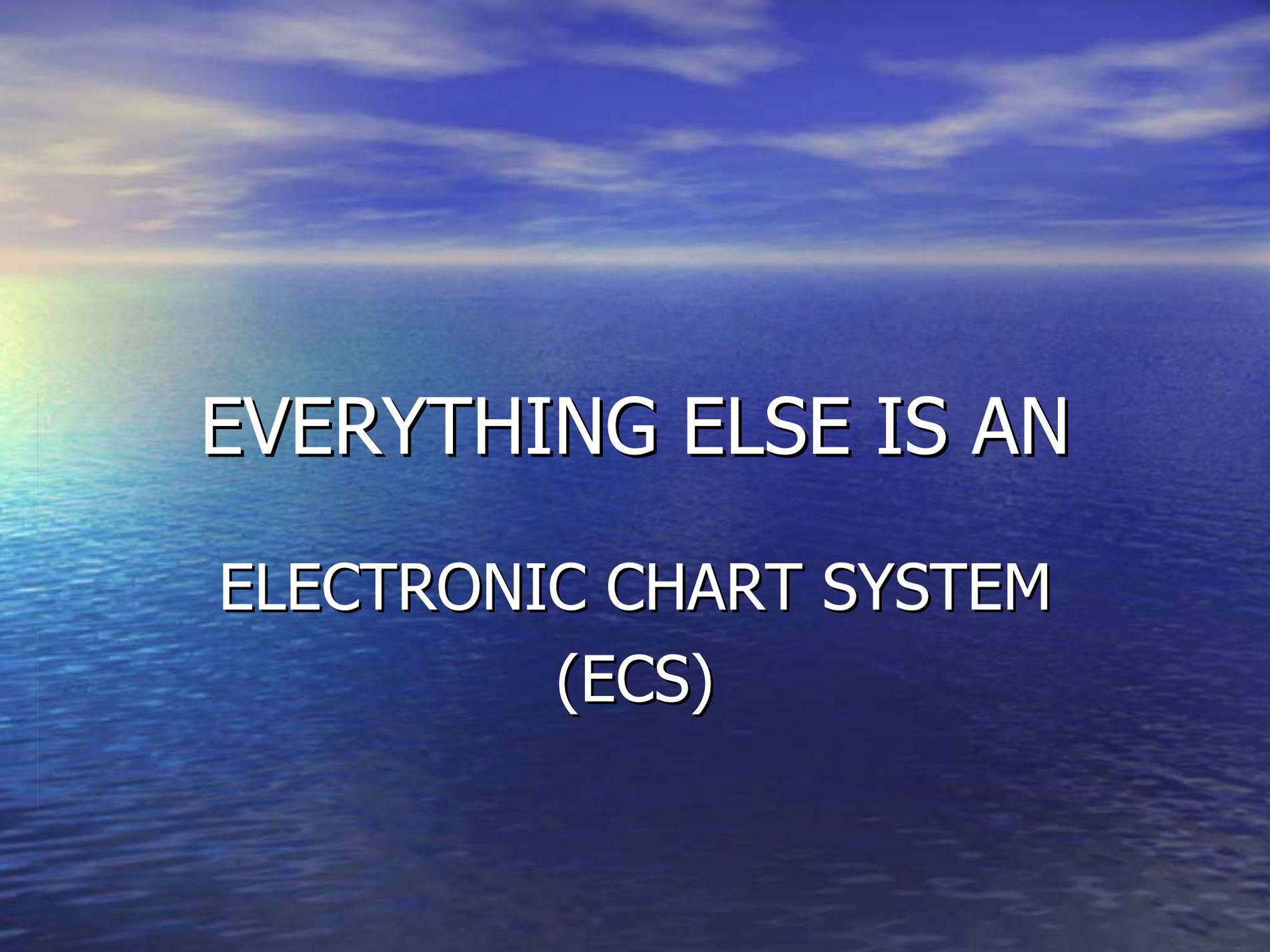
Electronic Chart Display and Information System (ECDIS) means a navigation information system which, with adequate back-up arrangements, can be accepted as complying with the up-to-date chart required by regulation V/20 of the 1974 SOLAS Convention, by displaying selected information from a system electronic navigational chart (SENC) with positional information from navigation sensors to assist the mariner in route planning and route monitoring, and by displaying additional navigation-related information if required.

System Electronic Navigational Chart (SENC) means a database resulting from the transformation of the ENC by ECDIS for appropriate use, updates to the ENC by appropriate means, and other data added by the mariner. It is the database that is actually accessed by ECDIS for the display generation and other navigational functions, and is the equivalent to an up-to-date paper chart. The SENC may also contain information from other sources.

Electronic Navigational Chart (ENC) means the database, standardized as to content, structure and format, issued for use with ECDIS on the authority of government-authorized hydrographic offices. The ENC contains all the chart information necessary for safe navigation, and may contain supplementary information in addition to that contained in the paper chart (e.g., sailing directions) which may be considered necessary for safe navigation.

# ECDIS

- TYPE APPROVAL BASED ON IMO PERFORMANCE STANDARDS
- CONNECTED TO NAVIGATION SENSORS (GPS)
- ADEQUATE BACK-UP
- OFFICIAL DATABASE THAT IS UP-TO-DATE WITH PROPER CONTENT, STRUCTURE AND FORMAT



**EVERYTHING ELSE IS AN  
ELECTRONIC CHART SYSTEM  
(ECS)**