PROGRAMMA CLASSE IV CMN A.S. 2019-2020

ISIS DEL ROSSO DA VERRAZZANO ITN

DAI LIBRI DI TESTO: ENGLISH AT SEA VOL 1 SIMONE PER LA SCUOLA

 ENGLISH AT SEA VOL 2 SIMONE PER LA SCUOLA

 FOCUS AHEAD PEARSON LONGMAN

MODULO I

Revisione lengths, hull, tonnage, displacement

Rhumb line /great circle track navigation

 Terms course and track

 Stability, ship’s geometry

 Port Terminals

 Dangerous goods legislation

 Dry bulk cargoes, tankers, multimodal transport

 Passage planning

 Deck department crew

 International Code of signals

MODULO II

 Celestial sphere, sextant

 Cargo handling equipment

 Mooring lines

 Cargo spaces

 Mooring equipment.

 SMCP: unmooring instructions, berthing, cargo handling, tug service, pilot request

MODULO III

 Transport documents

 SMCP: cargo handling and mooring operations

 INCOTERMS

 Insurance in the transport system

 Logbook

 Astronomical fix

 GRAMMATICA: future perfect, future continuous, indirect speech, 3conditionals

MODULO IV

Nautical publications : sailing directions, list of lights and fog signals

 Air masses: parameters, pressure, winds, fronts, clouds

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