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

L’insegnante: Rita Montella