

WATERGUARD TRAINING CENTRE

DECK CARGO

GROUP EXERCISE No. 1

The s.s. "HALIZONES" (British) 3136.82 N.R.T. has arrived from Bombay with the following deck cargo:

15 cattle, 12 ponies and a quantity of teak measuring:-

	<u>Mean Length</u>	<u>Mean Breadth</u>	<u>Mean Height</u>
Open Deck. Section 1	35.9 ft.	37.7 ft.	11.5 ft.
" " " 2	11.3 ft.	25.9 ft.	10.3 ft.
" " " 3	34.3 ft.	26.2 ft.	7.8 ft.
Bridge space	22.3 ft.	26.6 ft.	7.0 ft.

In the Bridge space is a permanent fitting 8 ft. x 10.3 ft. x 2.5 ft.

There are three hatches on the vessel and all are completely covered by the deck cargo. The excess of hatchways tonnage as shown on the Certificate of Registry is 45.27 tons.

In the double bottom tanks (not included in the ship's registered tonnage) is a quantity of oil, certified by the Chief Engineer to be 423 tons - specific gravity .897.

CALCULATE the deck cargo tonnage, prepare the necessary forms and make the appropriate records in the ship's Blue Book.