

VALE COMMENT ON IO 71 Bahijah Fremantle to Israel Oct 2019.

The dry bulb temperature and humidity were measured on each deck by a hand held device every 4 hours. The average temperature and humidity recordings were used for the daily report.

Ventilation

IO SUMMARY: There were 68 ventilation units on the vessel. Each unit either supplied or extracted air from the relevant deck below. On day 9, one of the ventilation units was changed from supplying to extracting air because the fan was previously sending the warmer air exiting the engine room into the livestock decks. There were no ventilation failures during the voyage.

VALE COMMENT: interesting that this doesn't count as a ventilation failure and that it didn't result in heat stress given the WBT.

IO SUMMARY: The maximum temperatures were 30°C dry bulb and 86% humidity and there was no signs of heat stress observed during the voyage.

VALE COMMENT: WBT for max is 28°C so given the ventilation issues it is surprising that some sheep were not exhibiting some degree of heat stress.

Pen conditions

IO SUMMARY: Early in the voyage, the observer noted some sea and rain inundation on Decks 5 and 7.

VALE COMMENT: voyage risk

IO SUMMARY: On the lower decks, small grates were removed to allow the effluent to flow down the drains. Some of these grates were inside the cattle pens and their intention was to prevent cattle falling into the drain. On 3 occasions the observer witnessed some of these grates were not replaced after the wash had been completed. The master also identified this and took corrective action.

VALE COMMENT: how many years has this ship been transporting livestock.....lucky there was an IO on this voyage.

IO SUMMARY: The observer noted that some gates between pens were opened to give the cattle more room and additional trough access. On three occasions, the opened internal gates were observed to be unsecured and able to swing or blocked access to 1 of 4 water troughs in the pen. The AAV took appropriate action to either close the gates or secure the gate to resolve the issues.

VALE COMMENT: water access issues.

Health and welfare

IO SUMMARY: At no time during this voyage were the temperature and humidity high enough to cause heat stress in either the sheep or cattle.

VALE COMMENT: interesting

Representative photographs of the voyage

Day 21 sheep in pen—no issues identified

VALE COMMENT: close stocking evident – and this with 17.5% space allowance.