

FLEET : JANET C

01. General

Name: UAL Fortitude
 Year build: 2008
 Yard: Netherlands and China
 Call sign: CQEF6
 Flag: Madeira
 Class: BV
 IMO Number: 9402079
 Heavy Multi – Purpose Dry Cargo Ship
 Port of Registry: Madeira
 P&I: West of England



02. Dimensions

Dwt: 12,744 on 8.00 m SS W (excl. tween deck pontoons: 396mts)
 GT/NT 9,611 /4,260
 Loa 138.07 m/Beam 21.00 m/Depth 11 m

03. Capacities

3 Holds/3 Hatches

Hold Sizes: Ho 1: 19.30 m x 15.42 m, Ho 2: 42.33 m x 17.98 m Ho 3: 26.00 m x 17.98 m
 Hold dimensions:
 Ho 1: 18.75 m long x 10.06/15.01 m width
 42.00 m long x 17.50 m width narrowing to 14.00 m width (Ha 1: 37.50 m x 17.50 m, Ha 2: 50.25 m x 17.50 m
 Ho 2:
 Hatch Sizes:

capacities:

hold no.1: 2.550 / 2.701cbm (including/excluding tween deck pontoons)

hold no.2: 7.774 / 8.362cbm

hold no.3: 4.532 / 4.890cbm

total 14.856 / 15.952cbm

floorspace:

hatchcover 1.462sqm

tween deck 1.424sqm

tanktop 1.420sqm

total 4.306sqm

load distribution:

tanktop:

hold nos.1-3: 16,00mts/sqm

tween deck:

hold no.1: 2,5mts/sqm

hold no.2

upper: 2,5mts/sqm

hold no.2

middle/lower: 4,0mts/sqm

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hold no.3: 4,0mts/sqm

hatch covers:

hatch nos.1-3: 1,75mts/sqm

nominal container intake:

TEU or FEU +TEU

hold no.1:

64 24 16

hold no.2:

164 84

hold no.3:

106 50 6

total under deck

334 158 22

hatch no.1:

44 16 12

hatch no.2:

138 66 6

hatch no.3:

114 54 6

total on deck

331 136 59

grand total

665 294 81

homogenous intake (14ts): 524 TEU

stackweights:

TEU FEU

hatch cover 50mts 65mts

deck 35mts

tanktop 90mts 120mts

Distribution of container weights within a single 20'/40' stack on deck has always to comply with the board manual for stowage and lashing of containers.

Container intake is always in masters discretion and subject to vessel's stability/trim/permissible weights/cargo securing manual, canal- and/or river regulations and visibility.

Vessel has no cells and is not fully fitted to load a full cargo of standard iso containers under and on deck with necessary loose lashings/fittings.

Moreover lashing material is not in accordance with OSHA rules, i.e. no semi-automatic fittings. Lashing material is classified.

ventilation:

no.1: 6 / nos.2+3: 12 fold air changes per hour

holds are co² fitted

tween deck / bulk heads

Vessel is equipped with a full set of lift away tween deck pontoons which can be used as vertical bulk heads dividing hold

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no.2 into 3 compartments (length 13,47m fore + 13,45m mid + 13,47m aft x breadth of 17,50m each) .

tween deck dims:

hold no.1:

18,75 x 15,01m

hold no.2:

42,00 x 17,50m

hold no.3:

25,50 x 17,50m

tween deck heights:

hold no.1:

upper hold: 4,50m

lower hold: 5,43m

hold no.2:

upper hold: 7,13m / 4,38m / 2,93m (either/or)

lower hold: 3,25m / 6,00m / 7,45m (either/or)

hold no.3:

upper hold: 4,38m

lower hold: 5,59m

tween deck pontoons dimensions (length x breadth in m):

panel 1: 5,95 x 9,99

panel 2: 6,30 x 14,95

panel 3: 6,30 x 14,95

panel 4: 4,82 x 17,42

panel 5: 4,82 x 17,42

panel 6: 6,30 x 17,42

panel 7: 6,30 x 17,42

panel 8: 6,30 x 17,42

panel 9: 6,30 x 17,42

panel 10: 6,30 x 17,42

panel 11: 6,30 x 17,42

panel 12: 6,30 x 17,42

panel 13: 6,30 x 17,42

panel 14: 6,30 x 17,42

pontoons heights:

hold no.1: 0,60m

hold nos.2+3: 0,80m

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04. Speed And Consumption:

normal: about 14 knots on about 23 mts ifo 380

economical: about 13 knots on about 20 mts ifo 380

speed and consumption are always basis good/smooth weather conditions up to max bft 3/ dss 3, no adverse currents, basis vessel's design ssw draft on even keel, clean bottom and max water temperature of 26°C.

consumption at port:

idle: about 1,6 mts mgo

working: about 2,5 mts mgo Above parameters are based in good weather conditions whilst vessel on even keel, maximum force 3 in Beaufort scale and sea state 2 in Douglas scale, no negative currents, swells or tidal streams and in temperate water.

05. Engine:

Main Engine:	MAK 6M43C – 5.400KW
Bow Thruster:	500KW
Aux Engine:	3 x 395KW
Emergency Generator:	1 x 99KW
Shaft Generator:	1 x 750KW

All details are 'about' given in good faith without guarantee.

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