



KONINGSDDAM: First Pinnacle Class cruiseship

Shipbuilder: **Fincantieri**
Vessel's name: **KONINGSDDAM**
Hull No: **6241**
Owner/Operator: **Holland America Line**
Country: **USA**
Designer: **YSA DESIGN AS /Tihany Design**
Country: **Norway /USA**
Model test establishment used: **HSVA**
Flag: **The Netherlands**
IMO number: **9692557**
Total number of sister ships
already completed (excluding
ship presented): **Nil**
Total number of sister ships still on order: **1**

KONINGSDDAM has been designed according to the safe return to port criteria, increasing the safety and comfort of passengers in the event of a casualty, and has an open type exhaust gas cleaning system installed on two engines to reduce SOx emissions.

Energy saving criteria were followed during the design, with extensive use of LED lighting in passenger cabins and public areas; installation of HVAC fan coils in passenger cabins and public areas; and with the introduction of a heat recovery system. A real time performance tool has also been installed to assist the crew in optimising the vessel's performance.

The vessel is fitted with an IP-based network infrastructure to support IP-based system/services, such as the wired / Wi-Fi network, CCTV, interactive TV and Passenger Information System, cellular phones and Ship Property Management. One highlight of the interior is the innovative multifunctional at theatre which can be operated as a proscenium or as an auditorium surrounded by a 270deg LED wall.

TECHNICAL PARTICULARS

Length oa: 299.65m
Length bp: 265.9m
Breadth moulded: 35m
Depth moulded
To main deck: 10.80m
To upper deck: 42.760m
Draught
Scantling: 8.25m

Design: 7.95m
Gross: 99,836gt
Deadweight
Design: 7,840tonnes
Speed, service (51 %MCR output):..... 18knots
Bunkers
Heavy oil: 2,130m³
Diesel oil: 560m³
Water ballast: 2,240m³
Classification society
and notations:.....Lloyd Register – LRS
100A1 Passenger Ship, XLMC,
CCS, Unrestricted Service; IWS
Roll-stabilisation equipment:Folding fin
stabiliser

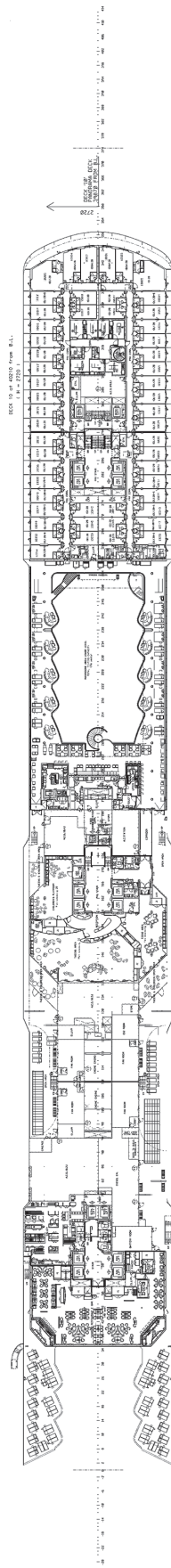
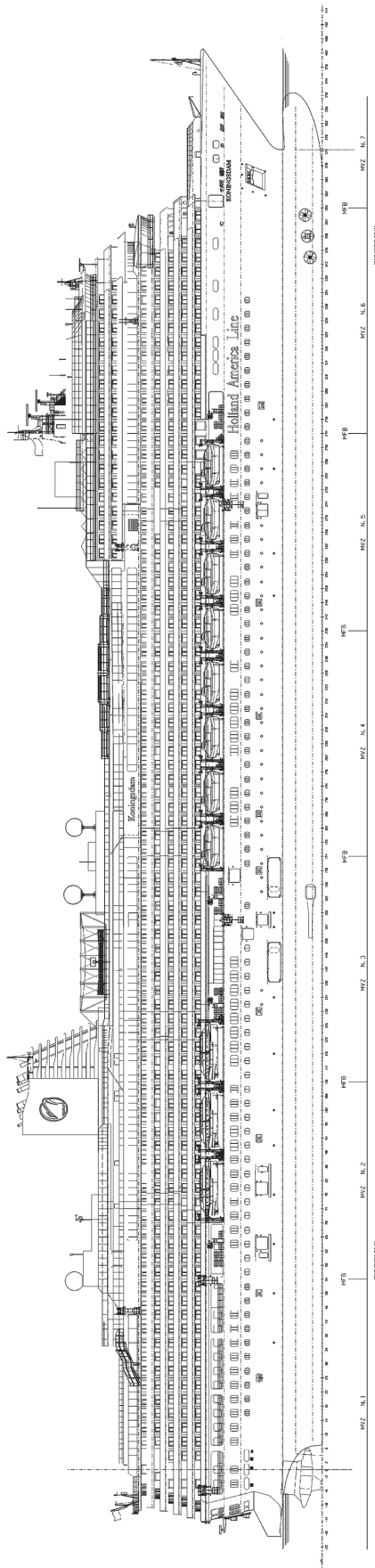
Main engine(s)
Design: Diesel
Model: 12V43C
Manufacturer: MAK
Number: 4
Type of fuel: HFO
Output of each engine: 12,600kW
Propeller(s)
Material: NI-AL bronze
Designer/Manufacturer: ABB OY
Number: 2x Azipod ABB XO2100
Fixed/Controllable pitch: Fixed
Main-engine driven alternators
Number: 4
Make/type: ABB – AMG1600QP14 LSE
Output/speed of each set: 15,340 kVA /
514rpm

Exhaust-gas scrubbing equipment
Manufacturer: ECOSPRAY
On main engines?: 2

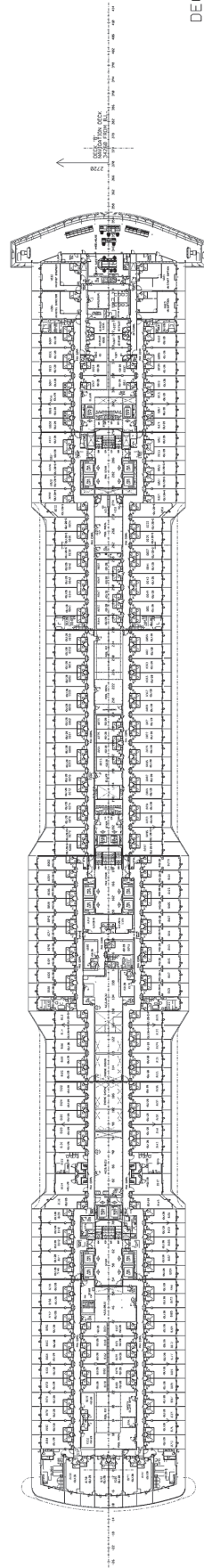
Boilers
Number: 2
Type: OM-TCi 10000
Make: Alfa Laval
Output, each boiler: 10t/h – 9bar

Special lifesaving equipment
(eg MES, free-fall lifeboats)
Number of each and capacity: 6
Tender/lifeboats: 120/150 persons each, 2 Life/
rescue boats: 6/136 persons each (Hatecke),
58 liferafts (Viking)

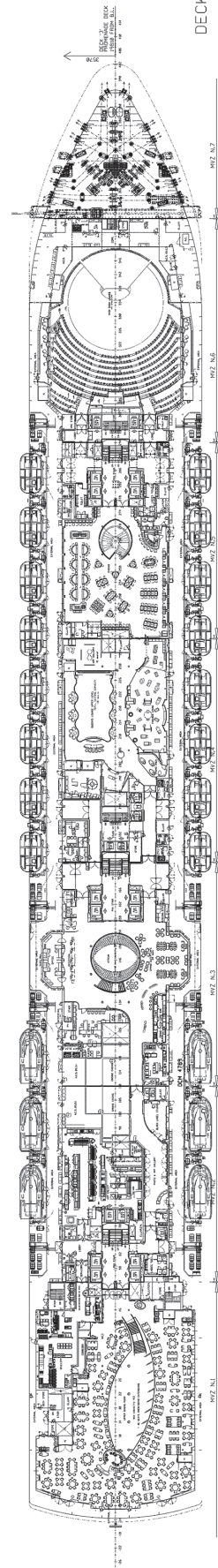
Water Ballast Treatment System
Make: Headway
Capacity: 600m³/h
Complement
Officers: 336
Crew: 695
Single/double/other rooms: 152 / 429 / 7
Passengers
Total: 3,138
Number of cabins: 1,331
Percentage/number outboard: 79%
Bow thruster(s)
Make: Wärtsilä
Number: 3
Output (each): 2,200kW
Bridge control system
Make: Unknown
Is bridge fitted for one-man operation?No
Fire detection system
Make: Consilium
Type: Salvico cruise
Fire extinguishing systems
Engine room
Make/Type: Minimax / CO₂
Marioff / Water mist
(local / total flooding)
Cabins
Make/Type: Marioff / Watermist
Public spaces
Make/Type: Marioff / Watermist
Radars
Number: 5
Make: SAM Electronics
Integrated bridge system?Yes
Make: SAM Electronics
Model: NACOS
Waste disposal plant
Incinerator
Make: Deerberg
Waste compactor
Make: Deerberg
Waste shredder/crusher
Make: Deerberg
Sewage plant
Make: Wärtsilä Hamworthy
Contract date: 14 February 2013
Launch/float-out date: 26 February 2015
Delivery date: 31 March 2016



DECK 10



DECK 8



DECK 3