

PRESS RELEASE

MISSISSIPPI RIVER CRUISE VESSEL BY KNUD E. HANSEN

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Concept for river boat

This design from KNUD E. HANSEN is a 328 ft river cruise vessel for operation on US rivers for itineraries of a range up to 14 days with maximum 220 passengers onboard. The design of the vessel will be based on green technology and the vessel can be fueled with eFuel and ships systems are designed for zero discharge.

The propulsion and manoeuvring system comprising two (2) stern azimuth electric thruster units in separate compartments at the stern and one (1) pump jet for improved manoeuvrability in a bow compartment.

The machinery arrangement is a fuel-electric hybrid system, comprising four (4) high speed diesel generator sets combined with an energy storage, combined with a battery storage system, providing propulsion power and all remaining electrical load requirements.

The vessel features seven decks, and is divided into three main fire zones.

Passenger embarkation is arranged at both sides on deck 2, or through a telescopic gangway/bow door at the bow. Both giving direct access to the reception area on deck 3. ►



The engine rooms, technical spaces and provision stores are arranged on deck 1. Deck 2 features an area with large VIP staterooms, and crew quarters.

An alternative option of deck 2 features a passenger car garage and the crew quarters. The garage has a capacity of approx. 20 cars. The access to the garage is via a hoistable/folding ramp at starboard side.

The staterooms are arranged at decks 2, 3, 4, 5, 6 as follows

- Deck 2:** Large VIP staterooms each 335 sq.ft 11
- Deck 3:** Large balcony staterooms each 248 sq.ft 13
- Deck 4:** Std. balcony staterooms each 182 sq.ft 16
- Deck 4:** Large balcony staterooms each 248 sq.ft 21
- Deck 5:** Std. balcony staterooms each 182 sq.ft 16
- Deck 5:** Large balcony staterooms each 248 sq.ft..... 21
- Deck 6:** Std. balcon staterooms each 182 sq.ft 10

All staterooms are outfitted for maximum comfort: Large, flat screen televisions and independently-controlled thermostats for preferred temperature settings.

The wheelhouse, officers accommodation and ship's office are located on deck 5 forward.

The public spaces on deck 3 include the main restaurant (200 seats) with adjoining galley, library, hairdresser and a shop.

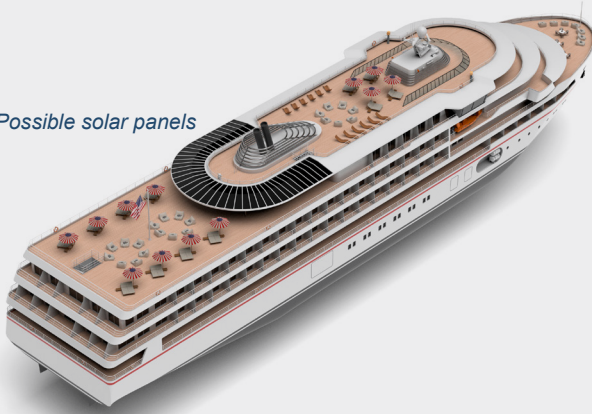
Deck 4 forward features a bar lounge (150 seats) with panorama view and access to the forward open observation deck. Deck 6 features the open sun deck surrounded by glass rails. The sun deck also includes an outdoor buffet/bar area.

On the forward part of deck 6 the vessel has a well equipped fitness center enabling an optimal panorama view. The fitness center includes massage rooms, a sauna, and jacuzzis.

The design has been developed completely in-house, by the highly trained and experienced staff of naval architects, mechanical engineers and designers at KNUD E. HANSEN, who place the utmost importance on safety, efficiency utilizing renewable energy resources and design ingenuity. ►



Possible solar panels



FOR FURTHER INFORMATION, PLEASE CONTACT

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ABOUT KNUD E. HANSEN

KNUD E. HANSEN is one of the world's leading independent marine consultancies with more than 85 years of experience in ship & yacht design, with a proven track record in providing unique and cutting-edge solutions to the maritime industry. KNUD E. HANSEN employs about 100 naval architects and Mechanical Engineers in Denmark, Australia, the Faroe Islands, Spain, United Kingdom and USA.

Our approach is based on a combination of continuous innovation, the free exchange of ideas with our clients, and experience derived from many years spent working with every kind of vessel and maritime operator. Using these, we apply fresh thinking to each new project and tailor solutions that are both state-of-the-art and practical to meet the precise needs of each individual customer.

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