

## New construction of 5th lock chamber **Brunsbüttel**



The site for the new construction of the 5th sluice chamber for Brunsbüttel sluice is located on the premises of the locks of the waterways and shipping authority of Brunsbüttel on Kiel Canal.

In May 2014, DSD NOELL as member of a joint venture was awarded the contract for the design, manufacture and installation of:

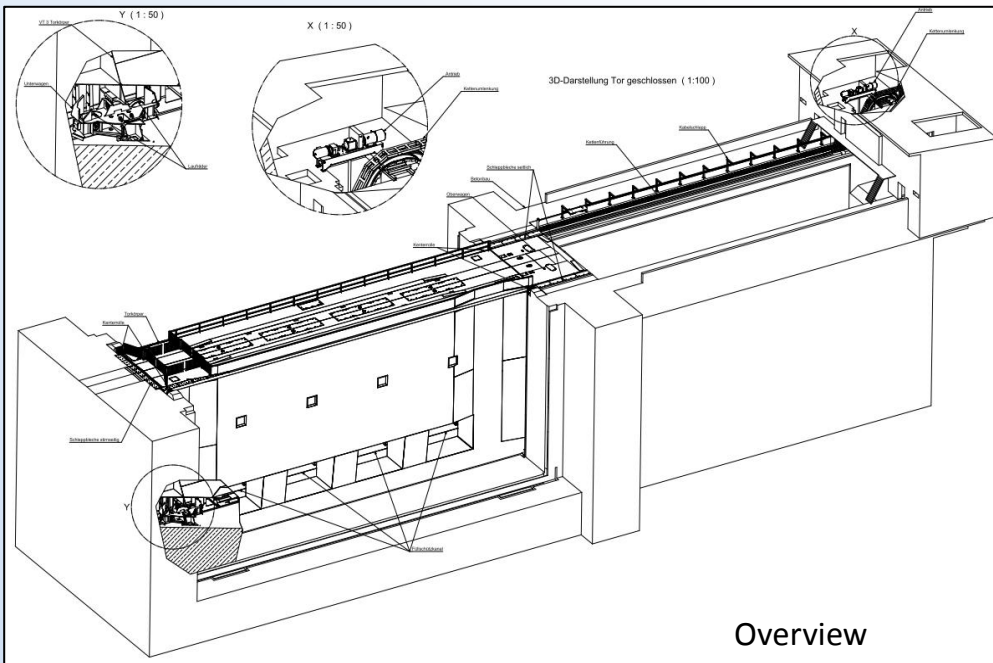
- 3 sash gates (with 8 filling and emptying bulkheads, each)
- Hydraulic system, bilge and ballasting unit, internal sash gate electric and control systems
- 2 upper carriage and undercarriage units
- 2 lifting pontoons; bilge and ballasting unit, internal pontoon electric and control systems



The present sluice complex at Brunsbüttel comprises the two twin locks, each, of the small (old) lock in the south and the large (new) lock in the north of the complex.

The new construction of the 5th lock chamber is arranged on the sluice island between the existing twin locks.





Kiel Canal has been used as a shipping lane for national and international navigation for over 100 years and presents the second gate to the Baltic Sea. It is an attractive alternative to Skagen Route and represents a competitive and environmentally sustainable transport route for managing increasing flows of trade in Europe by an intensified use of short-distance maritime traffic along the coast in the future.

