

Field of expertise: Immersed tunnels and constructions

Client: Strukton Immersion Projects

Project description

The Busan-Geoje Fixed Link is an 8.2 kilometers bridge-tunnel fixed link. The route connects Busan, Korea's largest port city, to the shipbuilding industries and tourism destinations on Geoje Island. IT replaces either a three and one half-hour journey by road or a two-hour journey by ferry. MH Poly designed the complete immersion pontoons for the immersed tunnel under Lloyds approval, including decklayout and hoisting system. When it opened, the tunnel became the world's deepest immersed roadway tunnel (48 meters below mean water level) and the world's second-longest concrete immersed tunnel at 3.2 kilometers.

Project activities

- ◆ Design basis for immersion;
- ◆ Design of the immersion pontoon;
- ◆ Design of the decklayout and hoisting system.

Immersion tunnel Busan-Geoje Fixed Link, Korea

