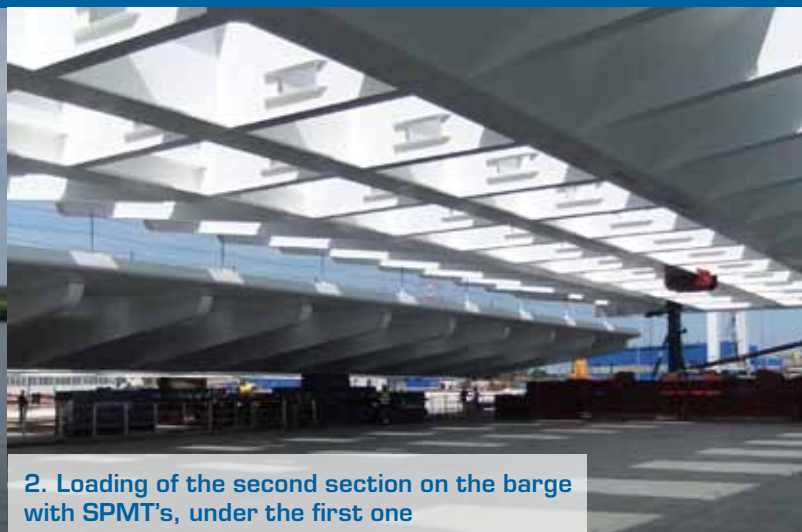




“Pont Bacalan-Bastide” Bridge



1a. Loading of first section with SPMT's
1b. Jack-up on barge with Climbing System



2. Loading of the second section on the barge with SPMT's, under the first one

LOCATION

Bordeaux, France (33)

MANUFACTURER

Cimolai, Italian Steel Constructor

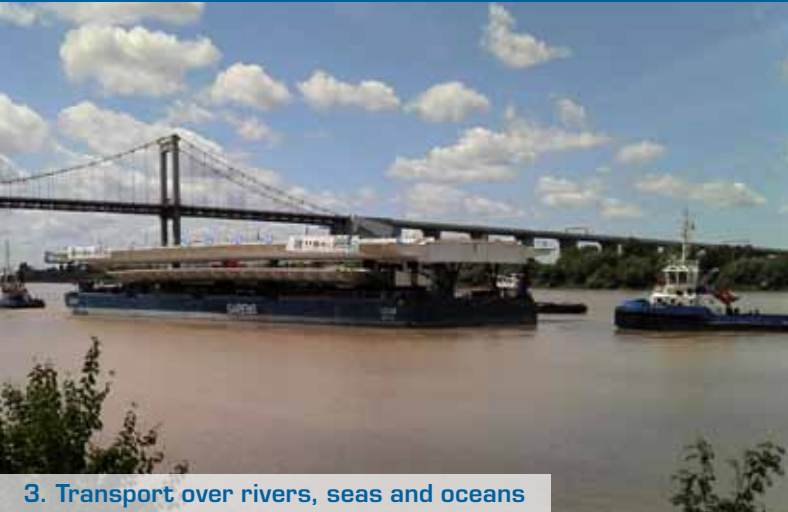
SARENS GROUP

- Organization of bridge sections transports with pontoon
- Load-in operation in San Giorgio, Italy
- Destination: Bordeaux, France

TECHNICAL DATA

- Pontoon dimensions: 100m (l) x 33m (w) x 7,6m (h)
- Bridge sections move on the pontoon with 18 x 4 lines of KAMAG
- 4 Jacks for Climbing System 600 tons
- 5 sections transported by ship, heaviest section: 2.500 tons
- Total transport weight: 6.600 tons

“Pont Bacalan-Bastide” Bridge



3. Transport over rivers, seas and oceans



4. On site: moving and rotating the sections on the barge with SPMT's



5. Installation of the highest section with the tide level



6. Installation of the second section with the tide level

BENEFITS

- 1 transport for 2 bridge sections
- avoid more than 400 trucks
- save more than 4000m² of construction area on site
- construction of sections inside the factory; advantage to have all competence on the same spot
- Test assembly executed in factory

Positive impact on the schedule, saving costs, increase of quality, ecologic approach

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nothing too heavy, nothing too high