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| Name of organization Imabari Ship Model Basin, Imabari Shipbuilding Co., LTD. | Year of information updating 2021 |
| Year established 2018 | Year of joining the ITTC 2021 |
| Address Showa-Cho 30, Marugame, Kagawa Pref., 763-8511, Japan | Status in the ITTC Member |
| Contact details Imabari Ship Model Basin, +81(0)-80-2851-9148 Imabari Shipbuilding Co., LTD. +81(0)-898-36-5000 info@imazo.com | Website www.imazo.co.jp.e.ajw.hp.transer.com |

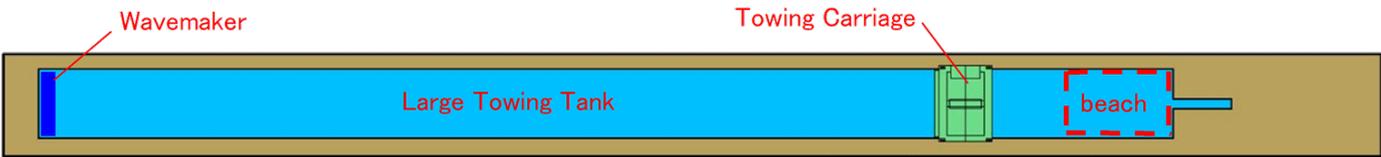
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| Type of facility Towing tank | Year constructed/updated Constructed 2018 |
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| Name of facility ISMB Towing Tank | Location |
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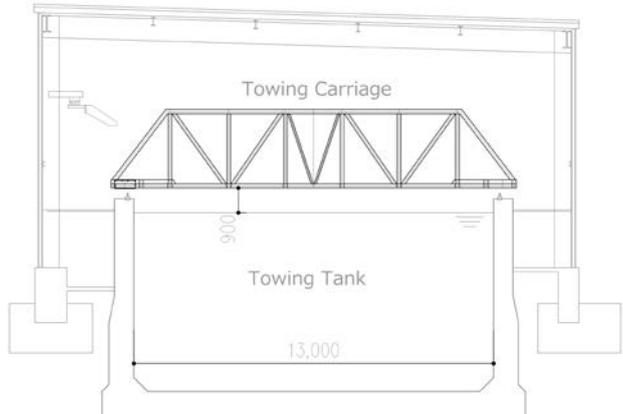
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| Main characteristics Length 212m, Width 13m, Depth 6.5m |
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Drawings of facility

Top-view plan



Cross-section-view plan



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| <p>Detailed characteristics (carriages, wave/current/wind generators, instrumentations, etc.)</p> <ul style="list-style-type: none"> • Steel truss structured carriage • 8 wheels motor driven, AC motor/matrix converter • Maximum carriage speed 6.0m/s, acceleration $\pm 0.010-0.060g$ • Standard model size 6.0-8.0m • Wave generators : flap type, 13m width • Wave generation capacity : Regular and irregular, Length 0.5-15m, Max.height 0.4m |
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Applications (Tests performed)

Towing Tank

- Resistance test
- Self-propulsion test
- Propeller open test
- Wake measurement
- Seakeeping test in regular head wave
- PIV

Published description (Publications on this facility)