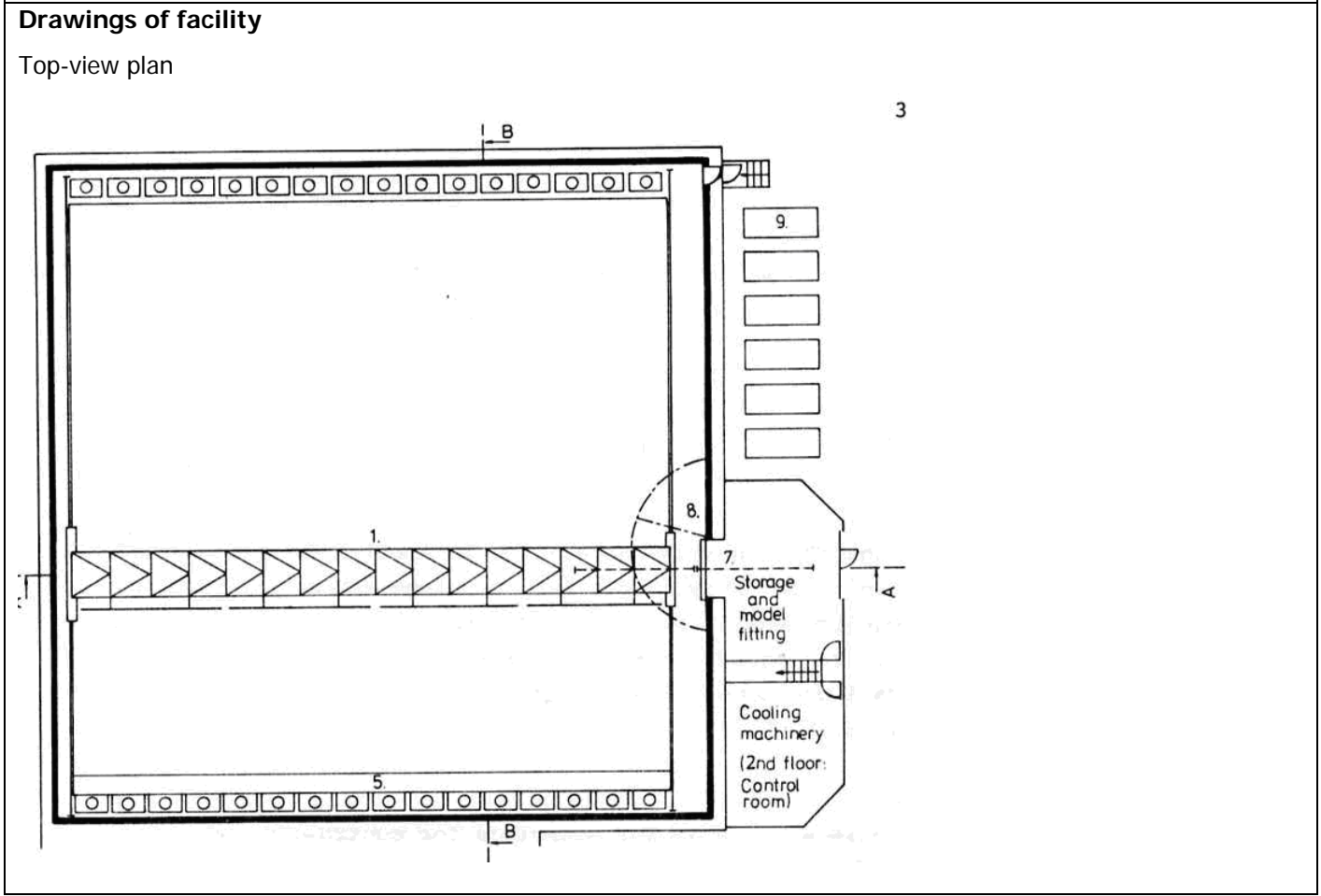


Name of organization Aalto University / (former TKK)	Year of information updating 2016
Year established 2010 / (1849)	Year of joining the ITTC unknown
Address Otakari 1, 00076 Aalto, Finland	Status in the ITTC Member / Secretary of 28 th ITTC Ice Committee
Contact details (phone, fax, e-mail) Rüdiger U. Franz von Bock und Polach, Phone: +358 504 059 030 Email: ruediger.vonbock@aalto.fi	Website http://appmech.aalto.fi/en/about/facilities_equipment/icetank/

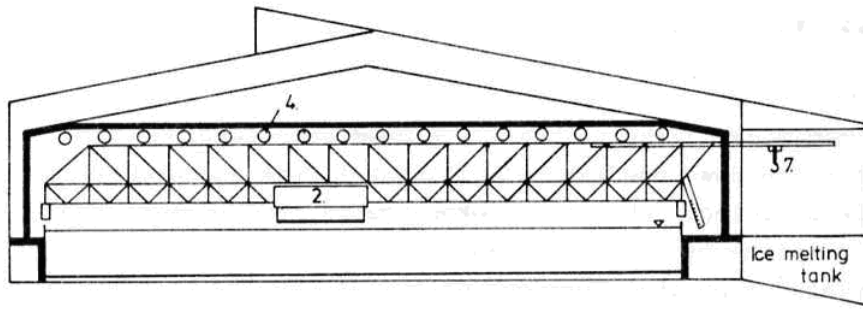
Type of facility Multifunctional Basin / Ice Tank	Year constructed/upgraded Early 1980's / 2016
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Name of facility Aalto Ice Tank	Location (if different from the above address) Tietotie 1a, 00076 Aalto, Finland
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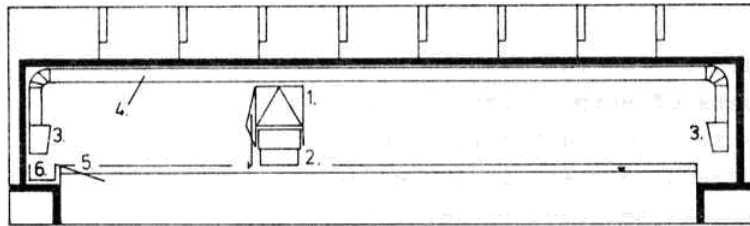
Main characteristics (dimensions of tank/basin/test section; for simulators: full mission, part task or desk top)
40 m x 40 m x 2.8 m, with a wave maker and a beach on the side opposite to the wave maker.



Corss-section-view plan



SECTION A



SECTION B

1. X- carriage
2. Y- carriage
3. Cooling evaporators
4. Air tubes
5. Sloping beach
6. Ice ditch
7. Overhead crane beam
8. Lifting arm
9. Heat exchangers

Detailed characteristics (carriages, wave/current/wind generators, instrumentations, etc.)

- X-Y carriage
- Wedge-type wave maker
- Cooling system and spraying system for production of fine grained model ice

Applications (Tests performed)

- Ice tests (all kinds)
- Sea keeping
- Maneuvering
- Tests in waves

Published description (Publications on this facility)

Jalonen, Ilves (1990) Experience with a chemically-doped fine-grained model ice, IAHR Ice Symposium 1990, Espoo