

IRCSSA Rules for Speed Record Attempts

- 1) Purpose: To set procedures & categories in order to establish speed records of radio controlled model iceboats and landyachts in a consistent and comparable format.
 - a) To publicize & promote interest in the hobby
 - b) To provide methods for competition between IRCSSA members in distant parts of the world without the need to travel to a common location.
 - c) To set procedures for reporting performance results which can be recorded and displayed in a central location.

- 2) Types of speed records
 - a) Average Top Speed (ATS): measured over a distance of 100 meters.
 - i) The measurement can be made with a flagman at the starting line and a stopwatch person positioned at the finish line, or with electronic gates at each end.
 - ii) The course geometry shall be as seen in Appendix A
 - b) Peak Top Speed (PTS): measured as an instantaneous maximum speed by means such as GPS, radar or other electronic devices. Appendix A does not apply.
 - c) Both types assume use of a “flying start”

- 3) IRCSSA Class Eligibility Groups
 - a) Class 1
 - b) Class 2
 - c) Class 3
 - d) Unlimited

- 4) Surface Categories
 - a) Ice
 - b) Ground (sand, dirt, pavement)

- 5) Measuring devices
 - a) Timed course (100 m) with flagman at start, stopwatch at finish (ATS).
 - b) Timed course (100 m) using electronic gates at start & finish line (ATS).
 - c) Global Position Satellites (GPS) (PTS).
 - d) Radar (PTS).
 - e) Other accurate electronic devices (PTS)

- 6) Slope Conditions
 - a) If the terrain exceeds a 1% grade (1 unit of elevation change over 100 units of distance in the direction of travel), the record needs to be run in both directions and averaged.
 - b) If a GPS measured Peak Top Speed (PTS) is on a slope exceeding 1%, care shall be taken to establish separate measurements for the uphill & downhill runs.

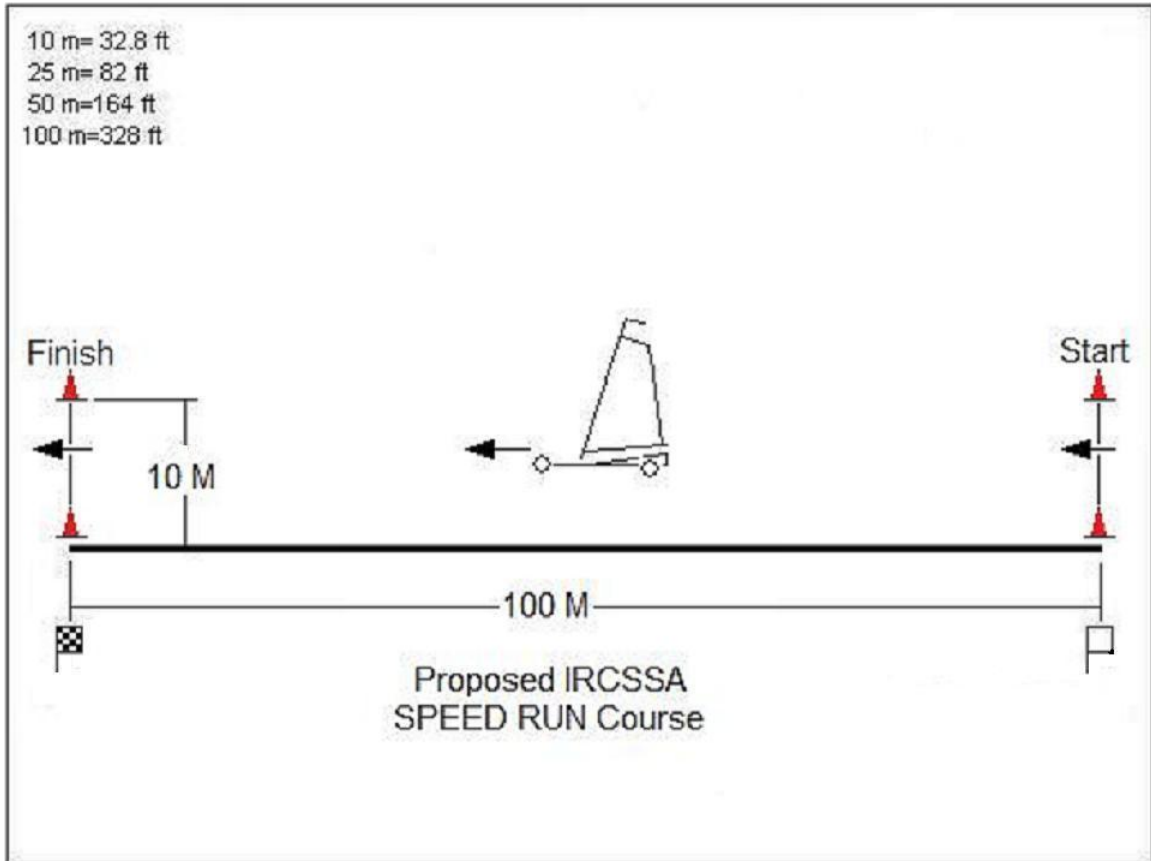
- 7) Accountability: Records must be verified by one of the following means.
 - a) Witness with contact information.
 - b) Electronic verification such a data file from GPS, video documentation, etc.
 - c) Any verification method could be potentially subverted, so honesty is of the essence.

- 8) Documentation & Publication
 - a) Record results shall be presented to the President of IRCSSA for verification by the Speed Record Committee.
 - b) After verification, the result will be forwarded to the IRCSSA webmaster to be posted on the IRCSSA website as a “Virtual Plaque”.
 - c) The website shall contain 16 categories eligible for records (2 types of records X 4 classes X 2 surfaces types). See Appendix B for graphic display.
 - d) Each verified record will qualify for one category only, in order to maximize the number of opportunities for other competitors.

- 9) Competitor & Event Information
 - a) Contestant’s name
 - b) Contestant’s IRCSSA sail number
 - c) Type of Competition (Peak Top Speed (PTS) or Average Top Speed (ATS)).
 - d) Yacht Class
 - e) Yacht Name (If applicable)
 - f) Date of record attempt
 - g) Location
 - h) Run Time in Seconds (Average Top Speed only)
 - i) Actual Speed in km/h

- 10) Rule Modifications or Revisions
 - a) Upon approval of these rules by the IRCCSA Advisory Board, they shall be in effect for at least one (1) year.
 - b) Revision may occur after the 1 year duration has lapsed, if requested by the IRCSSA governing body in effect at that time.
 - c) Regardless of any future rule change(s), existing established records shall remain in effect until supplanted by faster speeds.

Appendix A



Appendix B
IRCSSA SPEED RECORDS
(Website Graphic)

AVERAGE TOP SPEED (ATS)

TYPE / CLASS	1	2	3	Unlimited
LAND	Not yet set	Not yet set	Not yet set	Not yet set
ICE	Not yet set	Not yet set	Not yet set	Not yet set

PEAK TOP SPEED (PTS)

TYPE/CLASS	1	2	3	Unlimited
LAND	Not yet set	Not yet set	48.8 km/h Bill Korsgard US 66 / K-1 Lake Ivanpah California March 2005	Not yet set
ICE	Not yet set	Not yet set	63.2 km/h Jeff Brown US 206/SK-1 Squam Lake N.H., USA Mar 26, 2006	57.9 km/h Tony Johnson US 81/ Renegade Minnetonka, Minnesota Dec 31, 2004