

2004 CLASS REPORT

Name of Class	International Tornado Association
Class Website Address	http://www.tornado.org
Contact Details (name, address, telephone, fax, email)	PRESIDENT: Michael Grandfield, PO Box 791, Oak Bluffs, MA 02557 USA. Phone: 508.922.5317. E-mail: pres@tornado.org
	SECRETARY: Juergen Tiemann, Bruckmannstrasse 5, D-80638 Munich, GER. Phone: +49 89 17 17 64. Fax: +49 89 17 85110. E-mail: sec@tornado.org
	CHIEF MEASURERS: John Goldsmith, Australia. Greg Scace, North America. Juergen Tiemann, Europe.
Average price of complete new boat without sails?	£ 12,800
Name three builders (preferably one per continent) and quoted price for 2002/2003	(1) BUILDER NAME: Marstrom, SWE. PRICE: Euro 18,541. (2) BUILDER NAME: Balance Arquitectura Naval, ESP. (3) BUILDER NAME: Loday White Ltd., GBR. (4) BUILDER NAME: Collins Fibreglass Ltd, RSA. (5) BUILDER NAME: Boyer Catamarans, AUS.
Name National Association member countries paid up in 2002	ARG, AUS, AUT, BLR, BEL, BER, BRA, CAN, CAY, CZE, DEN, ESP, FIN, FRA, GER, GBR, GRE, HUN , IRE, ITA, JPN, NED, NOR, NZL, POL, POR, PUR, RUS, RSA, SLO, SWE, SUI, UKR, USA, ISV, ZIM
Name six Countries and number of members that represent the ISAF minimum criteria	Germany 248, United States 52, France 32, Great Britain 28, Republic of South Africa 25, Australia 40.
How many new boats were built in 2003?	38
How many boats were built over the past 5 years?	191
Approximately how many boats exist Worldwide?	5000
2003 World Championships	One (1) Open World Championship was held.

	<p>1). TITLE OF EVENT: 2003 ISAF World Championships, 2). VENUE: Cadiz, ESP, 3). NUMBER OF ENTRIES: 74, 4). COUNTRIES REPRESENTED: 27, CONTINENTS REPRESENTED: 5, 5). NUMBER OF RACES: 10, 6). NUMBER & NATIONALITY OF NON ISAF JURY MEMBERS: 0, 7). EVENT WEBSITE: http://www.cadizworlds2003.com , 8). NAMES OF ISAF INTERNATIONAL JUDGES PRESENT: Steve Tupper (Chairman) CAN , Richard Kempe BER, Helmut Jakobowitz AUT, Marianne Middelthon NOR, Lynne Beal CAN, Thomas Kresse NOR, Rudiger Schuchardt GER, Michael Mitakis GRE, Aaron Botzer ISR, Kamen Fillyov BUL, Ajay Balram IND, Eric Tulla PUR, Charlie Cook USA, Bo Samuelsson SWE, Jan Stage DEN, William Bell AUS, Ralph Roberts NZL, Oleg Ilyin RUS, Manfred Piso AUT, Juerg Kaufmann SUI, Neven Baran CRO, Armando Goulartt POR, Takao Otani JPN, Bernard Bonneau FRA, Giorgio Lauro ITA, Ali Hulki Oruz TUR, Johan Devocht BEL, Ana Maria Sanchez ESP, Nelson Horn Ilha BRA, Jack Lloyd NZL, Eric Mehlbaum NED, Jean-Luc Michon FRA, Pedro Arribere ESP, Secundino Guldris ESP, Barbara Murray ESP, Andres Perez ESP, Josefa Blanco ESP, Antonio Fernández ESP, Manuel Reyes ESP, Pedro García ESP, David Maria ESP. 9). NAME OF PRINCIPAL RACE OFFICER: Rafael Gonzalez, Paul Ulibarri (ISAF Course Rep.). 10). NAME OF EVENT CHIEF MEASURER: John Goldsmith, 11). NAME & NATIONALITY OF WORLD CHAMPION(S): Darren Bundock / John Forbes, Australia. (12)WHERE ANY BOATS SUPPLIED AND BY WHO? No. Competitors used their own boats. (13)ORGANISATION QUALITY? VERY GOOD. The Championship was well run; very good facilities; very good overall organisation. (14)VENUE GOOD & BAD POINTS? ASHORE: An excellent permanent facility. AFLOAT: Cadiz is an excellent sailing area and the racing area was set away from commercial traffic. The Tornado and Star fleets shared the same racing area. In the future, each class should have its own race area. 3) STANDARDS/ LEVEL OF RACING? VERY GOOD. The Championship</p>
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	completed all scheduled races widely varying conditions.
Please state any recommendations for future World Championships	The effort made to assemble a great Race Management team was effort well spent. The ITA believes that careful qualification of the Race Officer is the single most important effort in assembling the Race Management team. The ITA plans to continue this level of effort.

