



# AMERICA'S CUP CLASS

## PUBLIC INTERPRETATION No 15

January 10, 2006

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In response to the following:

ACC Rule 36.1 states:

**Standing rigging** excluding jumper stays, all backstays and forestay (but not including fittings such as clevis pins, turnbuckles, spreader tip cups etc.) shall be made of Nitronic 50, or an equivalent approved by the **Measurement Committee**.

Measurement Committee approval is sought under Rule 36.1 for the use of SanRig 80 for **standing rigging** on ACC yachts.

### INTERPRETATION:

In accordance with ACC Rule 36.1, the Measurement Committee herewith grants approval for the use of SanRig 80 as **standing rigging**.

This approval is based on the following data extracted from manufacturer's printed public domain data sheets.

Chemical Composition – Nominal %

Material	C	Si	Mn	P	S	Cr	Ni	Mo	N
Nitronic 50	0.03-0.05	0.2-0.6	4.0-5.5	0.04	0.015	20.5-22.0	11.75-13.0	2.0-2.5	0.24-0.3
SanRig 80	0.035	0.5	4.0	0.020	0.015	20.5	10	2.4	.4

Physical and Mechanical Properties

Material	Density	Modulus of Elasticity	Tensile Strength 6.35 dia
Nitronic 50	7.88 g/cm <sup>3</sup>	193-199 GPa	1446-1696 MPa
SanRig 80	7.87g/cm <sup>3</sup>	195 GPa	1500 MPa

END

*This interpretation is made by the CORD Measurement Committee in accordance with Rule 3.3 of Version 5.0 of the America's Cup Class Rule.*

*Ken McAlpine  
ACC Technical Director  
117 Marine Terrace, Fremantle,  
W.A. 6160 AUSTRALIA  
Phone 61 8 9336 6664  
Fax 61 8 9336 6665  
Email kenmc Alpine@compuserve.com*