

# Special Technical Report - IODA North Americans 2006

Information kindly collected by Luis Miguel Horta IM

## Foils

**There was a massive vote of confidence in the new one-design foils.**

87% of participants used daggerboards and 81% rudders of the new one-design style as supplied with the charter boats. They apparently believed that the standard charter foils are as good as any on the market, despite efforts to continue to sell "premium" brands at inflated prices.

DAGGERBOARDS	
Optiparts	45.5%
Rio Tecna	41.2%
N1	9.1%
Teb	3.7%
Other	0.5%
	100%

RUDDERS	
Optiparts	42.8%
Rio Tecna	38.5%
N1	10.2%
Teb	5.3%
Other	3.2%
	100%

It was in 2002 that IODA began to address the problem of expensive non-standard foils for reasons shown in the March 2002 Optiworld. Four years later it seems that we may have succeeded. These supplied standard Optiparts and Rio Tecna foils are available in some markets for under USD300 + tax.

## Hulls

**It was once again confirmed that the hulls of different manufacturers are the same speed. The average place achieved by sailors using the two makes of boat were almost identical**

The hulls, 50% from McLaughlin 50% from Rio Tecna, were allocated randomly to individual participants while ensuring that as far as possible each team had an equal mix.

In a fleet where the average place was 94.5 (midway in the fleet of 189 sailors) the average placing of Rio Tecnas was 93rd and of McLaughlins 97th. And that is not statistically significant (ask your maths teacher!)

The top ten mostly sailed Rio Tecnas.

2006 N. AMERICANS		
1	SIN398	Rio Tecna
2	VEN 9	Rio Tecna
3	PUR859	Rio Tecna
4	USA12207	Rio Tecna
5	URU230	McLaughlin
6	PER277	McLaughlin
7	ECU131	Rio Tecna
8	NZL4141	Rio Tecna
9	PER284	Rio Tecna
10	NZL4168	McLaughlin

but two years ago in Ecuador when the two makers also supplied a mix of boats (25% McLaughlin, 75% Rio Tecna) the results were:

2004 WORLDS		
1	CHN305	McLaughlin
2	NZL3968	Rio Tecna
3	ESP736	McLaughlin
4	NZL3965	McLaughlin
5	POL962	Rio Tecna
6	POL978	Rio Tecna
7	TRI1006	Rio Tecna
8	CRO8	Rio Tecna
9	PER284	Rio Tecna
10	TAH94	McLaughlin

**In the Optimist Class boats don't win, sailors do.**

For further evidence that all new hulls are the same speed see the results from 2005 when sailors could either bring their own boats or could charter.