

# DID YOU KNOW?

- \* The first “longer” ocean ski to be raced successfully was designed by Malcolm Hall in Durban South Africa, and built by Gordon Rowe in 1994.
- \* This ski was so successful that Lee McGregor (Hank’s father) raced it to victory over Greg Barton in the 1995 Clear Water Challenge over 1000km in the USA.
- \* **Rob Welsh** designed a similarly long ski for the same event. This boat was used for the original mass production Ocean Skis that emerged from 1996.
- \* Carbonology designs draw on **nearly 100 years** of open water experience of Rob , Gary Butlion, and Malcolm Hall perfectly shaped by **Rob Welsh** and **Hein Van Rooyen**, and built using Hein’s world class composite moulding skills.
- \* The **Carbonology Atom** won the Open Ladies AORS series in 2010.
- \* In the Harbour Series race Pittwater in 2010, Carbonology Atoms **won 3 of 4 categories**.
- \* Rocker is a critical to boat speed, stability and control. Lots of rocker is the fools gold of craft design—while stability is gained in fast looking skis, speed and control suffer.

# DID YOU KNOW?

- \* The skill of the ocean paddler adds manoeuvrability by using the curvature in the hull **off the keel line** when needed.
- \* In controlled and benchmarked trials conducted in 2006<sup>#</sup>, a 6.5m long ocean ski weighing 15.7kgs was **only forecast to travel 300m further** than a 5.8m Ocean ski weighing 18.9kgs when extrapolated to the 1 hour benchmark!
- \* In the same tests, a 5.1m K1 was forecast to travel 520m further over the benchmark distance than a 6.41m ski of similar weight. That equates to just over **2 minutes**.
- \* Length is not all it is made out to be, and certainly **not an advantage** to most paddlers.

	Length (mm)	Beam (mm)	Weight (kgs)	Forecast Dist in 1hr (m)	Delta to compare (m)
K1	5180	418	7.8	12630	0
Multisport	6160	425	13.1	12090	-540.00
Ocean Ski	6410	445	8.5	12110	-520.00
Ocean Ski	6520	420	15.7	11870	-760.00
Ocean Ski	5800	480	18.9	11570	-300.00

<sup>#</sup>A summary of the results from the world’s biggest ever test of kayaks conducted on the Barwon River, Geelong (Victoria, Australia), 28-30 July, 2006

# CARBONOLOGY

## AUSTRALIA

- ☺ **Founded 2009** by Gary Butlion (20 yrs paddling) and Malcolm Hall (33 yrs paddling)
- ☺ Designs by **Robert Welsh and Hein Van Rooyen**
- ☺ World class manufacturing by Hein Van Rooyen @ **CarbonologySport**
- ☺ Probably **the fastest growing** brand of ocean ski in the world:
  - ☺ Designed and launched **three** single skis and **one** double ski **in 18 months**
  - ☺ Developed and tested **5 layup options**
  - ☺ Monthly enquiries from **35 countries**
  - ☺ Agents in Scandinavia, Europe, USA, South Africa, Australia & New Zealand



The Atom was Carbonology's first boat on the market, launched in 2009. The ATOM remains the only true low volume top end racing ski and is best suited to paddlers under 90kgs



**VAULT** Released in 2011, the highly acclaimed VAULT was the worlds first racing ski deigned to give the intermediate paddler SPEED and STABILITY

**NEW, NEW, NEW** The **zest** is our all new everyday fun boat to get you started in our wonderful sport. **STABLE**



**VIVATI** vivati is the latest Double Ski on the market. Launched in 2011, the performance of this boat has exceeded all expectations. "Finally a double ski that feels like a racing boat" Matt Boumann Rank #3 in 2011 Ranking

Craft	Length (mm)	Beam (mm)	Inside seat (mm)	Approx. Weight Options
Atom	5950	435	380	9.5 kg to 14kg
VAULT	5950	475	390	9.5 kg to 14kg
zest	5950	495	390	10.5 kg to 14.5kg
VIVATI	7410	465	380	16 kg to 22 kg

APPROX. WEIGHTS		
	SINGLE	DOUBLE
<b>MULTI RED</b>	14 KG	22 KG
<b>BLUE</b>	14 KG	22 KG
<b>LIME</b>	12.5KG	20 KG
<b>YELLOW</b>	10.5 KG	18 KG
<b>ORANGE</b>	9.5 KG	16 KG



QUALITY AND PERFORMANCE ASSURED

DIFFERENT BY DESIGN: QUALITY AND PERFORMANCE ASSURED