

The logo for Tiderace, featuring the word "TIDERACE" in a white, stylized, sans-serif font. The letter "D" is unique, with a curved line extending from its top to its bottom. To the right of the text is a circular icon containing a white crescent moon shape. The entire logo is set against a black rectangular background.

TIDERACE



**WORKBOOK**

**2016**

[www.tideraceakayaks.co.uk](http://www.tideraceakayaks.co.uk)

In 2015 a small fleet of Xplore X's were shipped within the Arctic Circle to circumnavigate the most northern part of Svalbard Island.

Simen Havig-Gjelseth explains:

Nordauslandet had never been circumnavigated by kayaks before, the last ones who tried were attacked by a polar bear and the expedition ended. Other expeditions have been stopped because of ice.

The ice condition this year did not look good, too much ice prior to the start. In the course of the expedition we had to drag the kayaks approximately 30km across semi-flat sea ice. The kayaks were excellent to pull, due to their width midship they never tipped over while crossing the ice. In between the rigid ice and the open sea we paddled in between ice floes, often ramming into ice and sometimes wedging the kayaks in between large floes and forcing them apart. None of this hard work damaged the Tideraces. We paddled for 19 days carrying food and equipment necessary for 20 days inside the kayaks. Rifle and spare paddles stayed on the deck.

The longest and toughest stretch was along a 160km glacier with absolutely no way to get on dry land – we paddled for 38 hours straight. We had one break on land after 6 hours, for the remaining 32 hours we sat in our Xplore X's and paddled. This was quite an achievement. The boats were stable and quite fast. We fell asleep several times and sometimes had a power nap while leaning over another kayak, waking up when fingers got cold (after 5 minutes)...



# THE SPIRIT OF SEA KAYAKING

*Our kayaks are built to the highest specifications and can take you on incredible adventures around the world...*

*" We loved our two Xplores but feel that with the Paces we could push ourselves to the next level. "*

In 2012 Natalie Madero and Michal Madera chose Xplore-L's for their circumnavigation of Britain...

Prior to our circumnavigation of Britain we were told that it often isn't the paddling that makes the difference between success and failure but all the other stuff that comes with long term trips. We can only agree with this: the ability to stay focused and to continue day by day matters most, yet choosing the right kayak plays a very important part. When smaller or bigger obstacles need to be overcome on a daily basis, a comfortable and reliable boat, which is still enjoyable to paddle even at the end of a 16 hour crossing, can make a big difference. We therefore chose the Xplore L, which also offered lots of space for all the necessary kit plus several luxuries. We both paddled the same size boats, and although by the design specification it may seem to be quite big for someone of Natalie's size, they were still really easy to handle.

In 2015 they chose Pace Tours paddling to St Kilda and the Outer Isles...

We spent seven weeks paddling on the exposed west side of the Outer Hebrides attempting to paddle to the Outer Islands, including St Kilda. We encountered worse weather than expected, which left us with the choice between paddling in far bigger seas than we had ever experienced, or not to paddle at all. We chose the first option, and were happy with the kayaks being agile, stable and fast amid the big seas, even when fully loaded, while still being fun to paddle.

With the full range of composite kayaks produced in a variety of sizes and constructions Tiderace are determined to bring you **The Spirit of Sea Kayaking**

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# CONSTRUCTION

*Why Tiderace kayaks are so much stronger than the competition*



**TCT EPOXY CONSTRUCTION**

Tiderace Core Technology – a specially formulated epoxy resin in a multi-layer laminate, with an additional resin supported core that's designed to take abuse in rock gardens, big surf and expedition use. Performance laminates that give significantly stronger, stiffer and lighter kayaks, far exceeding a typical polyester resin, fibreglass construction.

TCT Core makes use of the structural 'I-Beam' principle of strengthening and stiffening structures. The further apart the inner and outer surface become, (i.e. the thicker the material), the stiffer it becomes but at a weight penalty. When material in the middle of the laminate is made lighter, (i.e. the core), overall stiffness is preserved while weight is dramatically reduced.

By using only the very best fibre reinforcements and epoxy resins to make up both inner and outer layers, and using a core material that structurally connects these layers, Tiderace achieves a structural composition that's second to none. By simply test-paddling our boats, this performance advantage becomes obvious and measurable. We've gained our reputation by the way we design and build our boats, we are proud of the products we manufacture, and we are dedicated to bringing the best to market.



All TCT constructions use a specially formulated epoxy resin which is stronger, tougher and has greater water resistance than a polyester or vinylester resin. Epoxy costs 2 to 3 times more than polyester resin but adds significantly to the strength and durability of your kayak.



A unique polyester gelcoat designed to bond to epoxy resin systems without the need of a tie coat. It has excellent u.v. resistance and is easy to repair in the field.



All TCT constructions are multi-stage post-cured at elevated temperatures to create the strongest sea kayaks.

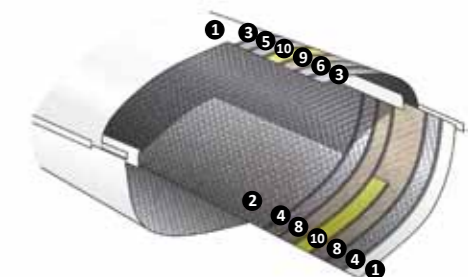


Adhesive bonded "biscuit tin" side seam for strength and stiffness with additional inside and outside tape seams

- 1 Gel Coat
- 2 Glass cloth s-lite
- 3 Glass cloth lite
- 4 Glass cloth medium
- 5 Glass cloth heavy
- 6 Glass cloth s-heavy
- 7 Glass biaxial lite
- 8 Glass biaxial medium
- 9 Glass biaxial heavy
- 10 Resin Supported Core
- 11 Carbon Kevlar cloth



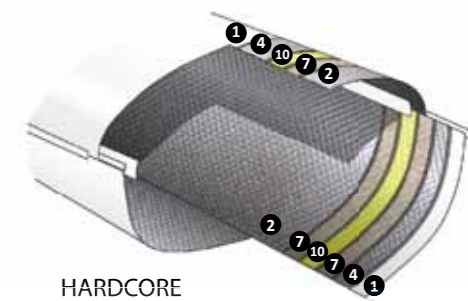
The bedrock of the Tiderace constructions, G-Core employs a biaxial glass cloth to encapsulate the resin supported core material. Biaxial cloths have straight fibres running in two diagonal directions – these dense straight fibres increase the fibre to resin ratio and add stiffness to the laminate. Extra localised reinforcing is employed in high stress areas.



G-CORE WET Laminate deck, Vacuum hull



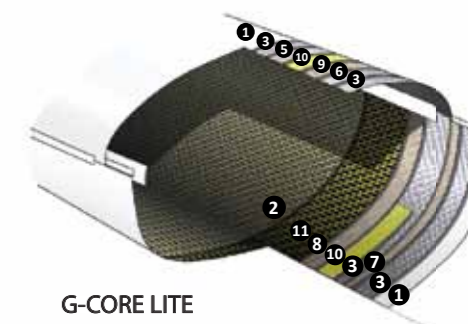
Aspirational, the toughest and most durable of the Tiderace constructions. Multiple layers are employed giving a puncture resistant glass skin outside the core. Employing only glass on the outside of the laminate makes for easy repairs. Inside, a high tensile layer of carbon/kevlar resists deformation and absorbs heavy impacts – as with all constructions, this is covered with a fine glass cloth to resist foot abrasion inside the cockpit.



HARDCORE Vacuum deck and hull



Proven in the Pace series, G-Core Lite employs a full length core throughout both hull and deck. Fewer glass layers can be used which reduces weight while stiffness is maintained by the resin supported core and lighter biaxial glass cloth. This laminate is less impact resistant than G-Core, but the lighter weight provides easier handling and the stiffness is ideal for racing, fitness training or light fast touring.



G-CORE LITE Vacuum deck and hull

# CHOOSING THE RIGHT SEA KAYAK



**AT TIDERACE**, when we create new kayak models we aim to give you the best choice of design, fit and performance. This, we believe, will ultimately lead to greater enjoyment and achievement from your time spent kayaking.

More choice, however, requires a more involved decision making process and we recognise that people often want more help with their choice of kayak. We pride ourselves in trying to provide all the information we can about the performance of our kayaks. We aim to develop and expand the understanding of sea kayak design and manufacture and encourage paddlers to join us in that development process.

The Team Tiderace Facebook Group is there for you to join and to share your thoughts about Tiderace kayaks. We love to read your comments here and on our Company Facebook Page and for you to follow us on Twitter.

## PRIMARY DESIGN FOCUS AND CROSS PLATFORM FLEXIBILITY

Each kayak model has a primary design focus and this is a good way to understand the strongest characteristics of each kayak: whether **Touring**, **Play** or **Speed**. A Tiderace sea kayak will perform exceptionally well in its primary category, but most of our kayaks are also outstanding multi-disciplined platforms which perform well in all three categories. All our kayaks are computer designed which enables us to accurately scale a model to suit different paddler sizes and weight and they all have an exceptionally ergonomic cockpit design.

## THE RIGHT SEA KAYAK FOR YOU DEPENDS ON A NUMBER OF FACTORS:-

1. The kayak's primary design focus
2. Your intended main activity for the sea kayak
3. Your physical size and shape
4. The load carried
5. Your personal preferences

Of course nothings substitutes a test paddle. Tiderace can only build the kayaks and provide the information.

We always encourage you to test paddle a range of Tiderace and other sea kayaks for comparison, and whichever Tiderace model you choose will be the right one for you.

Details of demos and Tiderace dealers are on the Tiderace website.

[www.tideraceseakayaks.co.uk](http://www.tideraceseakayaks.co.uk)



### TOUR

**Characteristics:**  
Load carrying  
Directional stability  
Effortless paddling

**Great for:**  
Multi-day trips  
Varied sea-scapes  
Core activity: Touring

### PLAY

**Characteristics:**  
High manoeuvrability  
Stability on edge

**Great for:**  
Rock-hopping  
Surfing  
Day trips  
Core activity: Playing

### SPEED

**Characteristics:**  
Rudder  
Longer length waterline

**Great for:**  
Fast expeditioning  
Multi-day trips  
Sea kayak racing

MODEL	Total volume	Optimum paddler weight range	TOUR	PLAY	SPEED
XCAPE-S	332 Litre	60-85 kgs	■■■■	■■	■■■
XCAPE	360 Litre	75-95 kgs	■■■■	■■	■■■
XCAPE-X	406 Litre	85-105 kgs	■■■■	■■	■■
XPLORE-S	330 Litre	60-85 kgs	■■■■	■■	■■■
XPLORE-M	354 Litre	75-95 kgs	■■■■	■■	■■■
XPLORE-L	380 Litre	80-100 kgs	■■■■	■■	■■■
XPLORE-X	430 Litre	85-110 kgs	■■■■	■■	■■■
XCITE-S	310 Litre	55-80 kgs	■■	■■■■	■■
XCITE	366 Litre	75-95 kgs	■■■	■■■■	■■
XTRA	337 Litre	65-90 kgs	■■	■■■■■	■■
XTRA-HV	369 Litre	80-100 kgs	■■	■■■■■	■■
VORTEX	340 Litre	70-100 kgs	■■	■■■■■	■■
PACE 18	373 Litre	70-95 kgs	■■■■	■■	■■■■■
PACE TOUR	405 Litre	80-110 kgs	■■■■■	■■	■■■■
PACE TOUR-S	375 Litre	65-95 kgs	■■■■	■■	■■■
PACE EVOKE	370 Litre	75-95 kgs	■■■■	■■■	■■■

# XPLORE

**A HIGH PERFORMANCE EXPEDITION  
SEA KAYAK FOR THE ADVENTUROUS  
PADDLER**



The Xplores range of sea kayaks is designed to serve two purposes: to be efficient, capable, seaworthy expedition kayaks, while also being dynamic to paddle on day trips. Computer designed, the Xplores series hulls are honed to provide especially efficient cruising at above 4 knots. Hatch volume is large, especially in the larger model sizes – these boats have a proven expedition pedigree and are used on record-breaking achievements. Cockpit foredecks are relatively high giving a dynamic and commanding paddling position. When paddled with a light load on day trips, the Xplores rewards the enthusiastic paddler who enjoys edge-turns and easy wave catching.



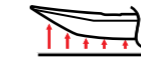
- XPLORES-S**  
Suitable paddler weight 60 - 85 kg
- XPLORES-M**  
Suitable paddler weight 75 - 95 kg
- XPLORES-L**  
Suitable paddler weight 80 - 100 kg
- XPLORES-X**  
Suitable paddler weight 85 - 110 kg

### Xplores Series Standard Fittings:



Model	Dimensions				Volumes/Hatches						
	Length	Width	Depth	Cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes
<b>XPLORES-S</b> Paddler 80kg, kayak 24kg Suitable paddler weight	530 cm overall 460 cm waterline 60 - 85 kg	51 cm overall 50.6 cm waterline	30 cm	87 x 49cm	80 ltr <b>A</b>	6 ltr <b>C</b>	38 ltr <b>D</b>	70 ltr <b>B</b>	136 ltr	330 ltr	 24cm Round
<b>XPLORES-M</b> Paddler 85kg, kayak 25kg Suitable paddler weight	530 cm overall 460 cm waterline 75 - 95 kg	54 cm overall 53 cm waterline	31.5 cm	87 x 49cm	85 ltr <b>B</b>	6 ltr <b>C</b>	44 ltr <b>D</b>	73 ltr <b>B</b>	146 ltr	354 ltr	 44 x 26cm Oval
<b>XPLORES-L</b> Paddler 90kg, kayak 26kg Suitable paddler weight	550 cm overall 470 cm waterline 80 - 100 kg	54 cm overall 53 cm waterline	33.5 cm	87 x 49cm	92 ltr <b>B</b>	6 ltr <b>C</b>	48 ltr <b>D</b>	76 ltr <b>B</b>	158 ltr	380 ltr	 15cm Foredeck
<b>XPLORES-X</b> Paddler 95kg, kayak 29kg Suitable paddler weight	550 cm overall 470 cm waterline 85 - 110 kg	61 cm overall 58.6 cm waterline	35 cm	89 x 52cm	105 ltr <b>B</b>	6 ltr <b>C</b>	50 ltr <b>D</b>	90 ltr <b>B</b>	179 ltr	430 ltr	 20cm Day

### Design Features



	Hull Shape	Rocker	Kg of cargo	Stability	Speed
	shallow 1 - deep 3	1 (low) - 5 (high)	to submerge 1 inch	1 (low) - 5 (high)	1 (high) - 5 (low)
<b>XPLORES-S</b>	V2	2	36.3 kg	1.5	3.5
<b>XPLORES-M</b>	V2	2	38.7 kg	2.5	3.5
<b>XPLORES-L</b>	V2	2	38.9 kg	2.5	4
<b>XPLORES-X</b>	V2	2	43.0 kg	5	5

	XPLORES-S			XPLORES-M		XPLORES-L		XPLORES-X	
Constructions									
Average weights	25.50 kg	23.50 kg	22.0 kg	26.75 kg	25.0 kg	27.0 kg	26.0 kg	27.50 kg	28.50 kg
T52	●	●		●	●	●	●	●	●
T53	●	●	●	●	●	●	●	●	●
T74	●	●		●	●	●	●	●	●
T61	●	●		●	●	●	●	●	●
T51	●	●		●	●	●	●	●	●
T62	●	●		●	●	●	●	●	●

# XCAPE

AN EFFICIENT EXPEDITION SEA KAYAK  
FOR THE DISCERNING PADDLER



Experience calm before, during and after the storm when paddling the Xcape. The Xcape series are designed as solid, dependable, highly stable yet very efficient touring kayaks. These straighter running boats are an excellent platform to ease away the miles, to hammer through chop and carry a substantial load. The Xcape is the quiet and unassuming performer who grows to be your best friend. The lower, smoother deck creates a sleek profile; Designed to take the hard work out of expeditioning, the Xcape glides through the most challenging waters whilst eating away the miles.

- XCAPE-S**  
Suitable paddler weight 60 - 85 kg
- XCAPE**  
Suitable paddler weight 75 - 95 kg
- XCAPE-X**  
Suitable paddler weight 85 - 105 kg

### Xcape Series Standard Fittings:



Model	Dimensions				Volumes/Hatches						
	Length	Width	Depth	Cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes
<b>XCAPE-S</b> Paddler 75kg, kayak 25kg Suitable paddler weight	513 cm overall 445 cm waterline 60 - 85 kg	54 cm overall 53.2 cm waterline	28.5 cm	87 x 49cm	80 ltr <b>A</b>	6 ltr <b>C</b>	39 ltr <b>D</b>	70 ltr <b>B</b>	137 ltr	332 ltr	 24cm Round
<b>XCAPE</b> Paddler 85kg, kayak 25kg Suitable paddler weight	540 cm overall 466 cm waterline 75 - 95 kg	55 cm overall 53.4 cm waterline	31 cm	87 x 49cm	87 ltr <b>B</b>	6 ltr <b>C</b>	45 ltr <b>D</b>	72 ltr <b>B</b>	150 ltr	360 ltr	 44 x 26cm Oval
<b>XCAPE-X</b> Paddler 95kg, kayak 28kg Suitable paddler weight	535 cm overall 468 cm waterline 85 - 105 kg	57.5 cm overall 56.4 cm waterline	33.5 cm	89 x 52cm	99 ltr <b>B</b>	6 ltr <b>C</b>	47 ltr <b>D</b>	85 ltr <b>B</b>	169 ltr	406 ltr	 15cm Foredeck  20cm Day

### Design Features

	"V" Hull Shape	Rocker	Kg of cargo	Stability	Speed
	shallow 1 - deep 3	1 (low) - 5 (high)	to submerge 1 inch	1 (low) - 5 (high)	1 (high) - 5 (low)
<b>XCAPE-S</b>	V3	1.5	36.7 kg	3	4
<b>XCAPE</b>	V3	1.5	38.6 kg	3	4
<b>XCAPE-X</b>	V3	1.5	40.9 kg	4.5	5

**Constructions**  
**Average weights**

XCAPE-S			XCAPE		XCAPE-X	
26.25 kg	24.50 kg	22.0 kg	26.50 kg	25.15 kg	26.75 kg	26.50 kg

Model	XCAPE-S	XCAPE	XCAPE-X
T52	●	●	●
T53	●	●	●
T74	●	●	●
T61	●	●	●
T51	●	●	●
T62	●	●	●

# XCITE

**THE WORLD'S FINEST  
ROUGH WATER, TOURING SEA KAYAK.**



The Xcite is Tiderace's original playboat for the sea. It surfs, it carves, it edges. It's the enthusiast's boat of choice. Easily capable of light touring, the Xcite's ease of turning and stability also makes it the adventurer's favourite 'go-anywhere' and 'take-on-anything' sea kayak. The Xcite has ample speed to get you to the remotest locations and a seaworthy design which lets you enjoy the rough-stuff along the way. The cockpit ergonomics transfer a wealth of feedback back to the paddler making the Xcite a true paddler's boat. The compact size of the Xcite S makes it an excellent rolling kayak – in the right hands, this boat is capable of performing all the competition Greenland rolls!

**XCITE-S**  
Suitable paddler weight 55 - 80 kg

**XCITE**  
Suitable paddler weight 75 - 95 kg

**Xcite Series Standard Fittings:**



Model	Dimensions				Volumes/Hatches						
	Length	Width	Depth	Cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes
<b>XCITE-S</b> Paddler 70kg, kayak 23kg Suitable paddler weight 55 - 80 kg	500 cm overall 432 cm waterline	50 cm overall 50.4 cm waterline	29 cm	85 x 47cm	73 ltr <b>A</b>	6 ltr <b>C</b>	n/a <b>-</b>	99 ltr <b>B</b>	132 ltr	310 ltr	 24cm Round  44 x 26cm Oval  15cm Foredeck  20cm Day
<b>XCITE</b> Paddler 85kg, kayak 25kg Suitable paddler weight 75 - 95 kg	532 cm overall 456 cm waterline	54 cm overall 53 cm waterline	31 cm	87 x 49cm	90 ltr <b>A</b>	6 ltr <b>C</b>	42 ltr <b>D</b>	76 ltr <b>A</b>	152 ltr	366 ltr	 24cm Round  44 x 26cm Oval  15cm Foredeck  20cm Day

**Design Features**

	Hull Shape	Rocker	Kg of cargo	Stability	Speed
	shallow 1 - deep 3	1 (low) - 5 (high)	to submerge 1 inch	1 (low) - 5 (high)	1 (high) - 5 (low)
<b>XCITE-S</b>	V1	3	34.6 kg	2	4.5
<b>XCITE</b>	V1	3	37.4 kg	2.5	4.5

Constructions	XCITE-S			XCITE	
	AH <sub>2</sub> TCT G-CORE	CK TCT HARDCORE	AH TCT G-CORELITE	AH <sub>2</sub> TCT G-CORE	CK TCT HARDCORE
Average weights	23.5 kg	22.5 kg	21.0 kg	25.50 kg	24.0 kg

Model	Standard	Forward Order only	Standard	Forward Order only
T52	●	●	●	●
T53	●	●	●	●
T74	●	●	●	●
T61	●	●	●	●
T51	●	●	●	●
T62	●	●	●	●

# XTRA

THE NEXT STEP IN THE  
"PLAY THE SEA" REVOLUTION.



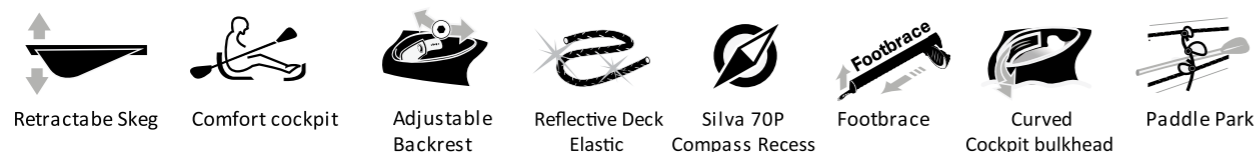
Tiderace has created another extraordinary kayak. Designed for surf and rock hopping, the Xtra makes all the traditional play manoeuvres easy and new ones possible! Incorporating a planing hull and loads of rocker, this highly controllable boat plays the sea with abandon. Quick acceleration for bursting through the eddyline or initiating a surf, excellent stability for carving bottom turns, and loose ends for quick cut-backs are some of the results of this forward thinking design. Like all Tiderace sea kayaks, the Xtra is designed to keep pace with the group on a day trip. Load up your camping kit and paddle to your favourite remote play spot, the Xtra handles the sea in all conditions!

**XTRA**  
Suitable paddler weight 65 - 90 kg

**XTRA-HV**  
Suitable paddler weight 80 - 100 kg



### Xtra Series Standard Fittings:



Model	Dimensions				Volumes/Hatches						
	Length	Width	Depth	Cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes
<b>XTRA</b> Paddler 80kg, kayak 25kg Suitable paddler weight	505 cm overall 435 cm waterline 65 - 90 kg	56.0 cm overall 55.0 cm waterline	30.5 cm	87 x 49cm	70 ltr <b>A</b>	6 ltr <b>C</b>	43 ltr <b>D</b>	69 ltr <b>A</b>	152 ltr	337 ltr	 24cm Round  44 x 26cm Oval  15cm Foredeck  20cm Day
<b>XTRA-HV</b> Paddler 90kg, kayak 25kg Suitable paddler weight	505 cm overall 435 cm waterline 80 - 100 kg	56.5 cm overall 55.4 cm waterline	32.5 cm	87 x 49cm	75 ltr <b>A</b>	6 ltr <b>C</b>	48 ltr <b>D</b>	75 ltr <b>A</b>	165 ltr	369 ltr	

### Design Features

	"Flat" Hull Shape	Rocker	Kg of cargo	Stability	Speed
	F1 flat - F2 almost flat	1 (low) - 5 (high)	to submerge 1 inch	1 (low) - 5 (high)	1 (high) - 5 (low)
<b>XTRA</b>	F2	4	37.3 kg	3	5
<b>XTRA-HV</b>	F2	4	37.7 kg	3	5

Constructions	XTRA			XTRA-HV		
	<b>EPOXY</b>	<b>AH<sub>2</sub></b> TCT G-CORE	<b>CK</b> TCT HARDCORE	<b>CK</b> TCT HARDCORE XTREME	<b>AH<sub>2</sub></b> TCT G-CORE	<b>CK</b> TCT HARDCORE
Average weights	24.5 kg	24.0 kg	25.0 kg	26.0 kg	24.5 kg	26.5 kg



T52	●	●	●	●	●	●
T53	●		●	●		●
T74	●	●		●		●
T61	●		●	●	●	
T51	●	●		●	●	
T62	●	●		●	●	



# VORTEX | A rock-hopping and surfing superstar!



**VORTEX**  
Suitable paddler weight 70 - 100 kg

Like its cousin the Xtra, the Vortex is an excellent design for rock-hopping, surfing and tidal play. The triple-layer polyethylene construction is ideal for newcomers to sea kayaking or those looking to take their kayak into rock gardens or surf. Generous width gives the Vortex a high initial and secondary stability – this inspires confidence in less experienced paddlers who wish to improve their skills. Add the Vortex to your quiver of Tiderace boats for a performance playboat for you and a stable, well-mannered sea kayak you can put your friends in!



Model	Dimensions				Volumes/Hatches						
	Length	Width	Depth	Cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes

<b>VORTEX</b>	505 cm overall	56.5 cm overall	31.5 cm	87 x 49cm	70 ltr	6 ltr	43 ltr	69 ltr	152 ltr	340 ltr	A, B, C, D
Paddler 80kg, kayak 25kg	435 cm waterline	55.4 cm waterline			<b>A</b>	<b>C</b>	<b>D</b>	<b>A</b>			
Suitable paddler weight	70 - 100 kg										

Design Features	Hull Shape	Rocker	Kg of cargo	Stability	Speed
	VORTEX	F1 flat - F2 almost flat	1 (low) - 5 (high)	to submerge 1 inch	1 (low) - 5 (high)

Constructions	POLYETHYLENE		
	Average weights	27.5 kg	●

Vortex Series Standard Fittings:

- Retractable Skeg
- Comfort cockpit
- Adjustable Backrest
- Reflective Deck Elastic
- Silva 70P Compass Recess
- Footbrace
- Paddle Park

# PACE

THE NEW STANDARD IN FAST AND LIGHT SEA KAYAKING.

## PACE 18



Pure science! A fast sea kayak (FSK) is defined by the ratio of its surface waterline length to surface waterline width when it sits 4 inches deep in the water. This 18 foot long kayak takes this measurement ratio as close to the limit as tolerances allow. Minimal mid-section rocker, rounded cross-sections throughout and computer designed to give the lowest possible resistance values at racing speed. The Pace18 is configured with the signature Tiderace cockpit design which allows full boat control in rough or moving water along with an ability to be eskimo rolled. This swede form hull possesses a high sprint speed yet is surprisingly stable for such a pure-bred racing sea kayak and can be an effective lightweight touring kayak for the "Alpinist" style paddler who wants to cover distances quickly.



**PACE 18**  
Suitable paddler weight 70- 95 kg

### Pace Series Standard Fittings:

- Smart Track Rudder
- Comfort cockpit
- Adjustable Backrest
- Reflective Deck Elastic
- Footbrace
- Curved Cockpit bulkhead
- Paddle Park

**"CONSIDERING ITS STABILITY, IT IS AN EXCEPTIONALLY FAST TOURING MACHINE"**

Mike Cline

Model	Dimensions				Volumes/Hatches					
	Length	Width	Depth	Cockpit	Front	Foredeck	Day	Rear	Cockpit	Total

<b>PACE 18</b>	548.6 cm overall	53.5 cm overall	31.5 cm	87 x 49cm	110 ltr	6 ltr	n/a	120 ltr	137 ltr	373 ltr	
Paddler 80kg, kayak 22.5kg Suitable paddler weight	548 cm waterline	48.4 cm waterline			<b>A</b>	<b>C</b>	-	<b>B</b>			

### Design Features



**Hull Shape**  
shallow 1 - deep 3  
Round



**Rocker**  
1 (low) - 5 (high)  
1



**Kg of cargo**  
to submerge 1 inch  
43.6 kg



**Stability**  
1 (low) - 5 (high)  
1.5



**Speed**  
1 (high) - 5 (low)  
1.5



Constructions

Average weights



22.50 kg



T70



T71



T72





The Pace Tour takes a fresh look at how a high performance expedition kayak should perform. Retaining our signature Tiderace cockpit design and four hatch layout, the Tiderace Pace Tour has been designed using computer from the keel up. Some key concepts have been taken from the Pace18 and adapted and embodied into the Pace Tour to create a modern expedition kayak. The Pace Tour carries a load more efficiently over a distance than any other Tiderace expedition kayak, it's more stable, has a faster sprint speed to catch and surf waves easily and is more efficient paddling upwind. A narrow hull width forward of the cockpit allows for an effective catch during the paddle stroke and it has a rudder for precise direction control. The new styled deck shape adds storage space, increases overall boat stiffness and water-shedding properties.



**PACE TOUR**  
Suitable paddler weight 80- 100 kg

**PACE TOUR-S**  
Suitable paddler weight 60- 95 kg

**Pace Series Standard Fittings:**

- Smart Track Rudder
- Comfort cockpit
- Adjustable Backrest
- Reflective Deck Elastic
- Footbrace
- Curved Cockpit bulkhead
- Paddle Park



Model	Dimensions				Volumes/Hatches						
	Length	Width	Depth	Cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes
<b>PACE TOUR</b> Paddler 85kg, kayak 22.75kg Suitable paddler weight	522 cm overall 506 cm waterline	53 cm overall 50 cm waterline	32 cm	87 x 49cm	100 ltr <b>B</b>	6 ltr <b>C</b>	48 ltr <b>D</b>	93 ltr <b>B</b>	158 ltr	405 ltr	 24cm Round  44 x 26cm Oval
<b>PACE TOUR-S</b> Paddler 70kg, kayak 22.75kg Suitable paddler weight	522 cm overall 506 cm waterline	52.5 cm overall 49.5 cm waterline	30 cm	87 x 49cm	94 ltr <b>B</b>	6 ltr <b>C</b>	45 ltr <b>D</b>	90 ltr <b>B</b>	140 ltr	375 ltr	 15cm Foredeck  20cm Day

**Design Features**



**Hull Shape**  
shallow 1 - deep 3



**Rocker**  
1 (low) - 5 (high)



**Kg of cargo**  
to submerge 1 inch



**Stability**  
1 (low) - 5 (high)

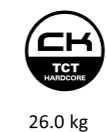


**Speed**  
1 (high) - 5 (low)

	Hull Shape	Rocker	Kg of cargo	Stability	Speed
<b>PACE TOUR</b>	V2	2	42.7 kg	3	3
<b>PACE TOUR-S</b>	V2	2	42.7 kg	3	3



**Constructions**  
**Average weights**



26.0 kg



25.0 kg



25.5 kg



24.5 kg



T70  
T71  
T72

	PACE TOUR		PACE TOUR-S	
T70	●	●	●	●
T71	●	●	●	●
T72	●	●	●	●

# PACE

**LIGHT, FUN, FAST  
AND CAPABLE!**



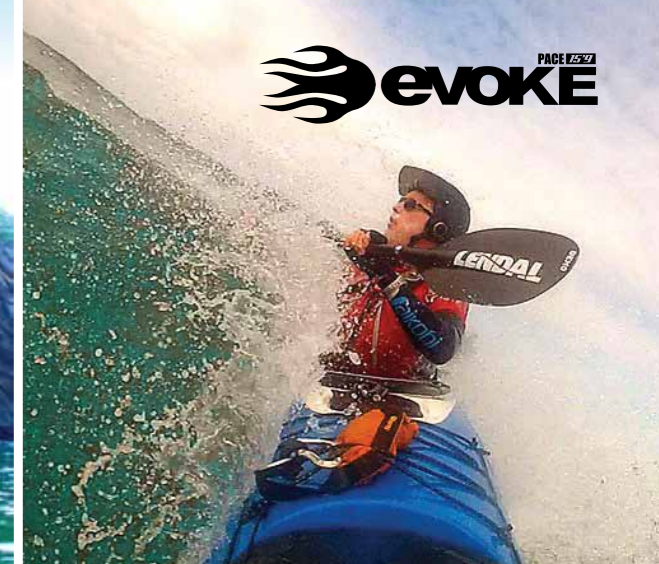
When setting out to design the Pace series, Tiderace aimed to create innovative hulls which hit the mark for paddlers of all sizes and abilities. The Pace Evoke brings world class rough water handling and light touring in a compact ruddered format to sit nicely at the professional end of the recreation market. Built for smaller paddlers who want a versatile sea kayak and hate being anywhere but the front of the pack, the Pace Evoke's hull speed rivals most traditional sea kayaks. The compact boat format saves weight and makes full use of the waterline length while the four hatch layout, signature cockpit and expedition quality fittings mean the only thing the Evoke is short on is drag.

## PACE EVOKE

Suitable paddler weight 75- 95 kg



### Pace Series Standard Fittings:



Model	Dimensions				Volumes/Hatches						
	Length	Width	Depth	Cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes
<b>PACE EVOKE</b>	480 cm overall	54 cm overall	30.5 cm	87 x 49cm	91 ltr	6 ltr	43 ltr	78 ltr	152 ltr	370 ltr	A C
Paddler 80kg, kayak 21.5kg	456 cm waterline	52.5 cm waterline			<b>A</b>	<b>C</b>	<b>D</b>	<b>A</b>			B D
Suitable paddler weight	75 - 95 kg										

### Design Features

	Hull Shape	Rocker	Kg of cargo	Stability	Speed
	shallow 1 - deep 3	1 (low) - 5 (high)	to submerge 1 inch	1 (low) - 5 (high)	1 (high) - 5 (low)
<b>PACE EVOKE</b>	V1	3	32.2 kg	2.5	4.5



Constructions

Average weights



23.50 kg



22.50 kg

	T70	●	●
	T71	●	●
	T72	●	●

# THE SPIRIT OF SEA KAYAKING



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## **PICTURE CREDITS**

Front Photo: Roddy McDowell (Kayak Bute), paddling off Shetland  
2 Photo: Kjell Erik Reinhardtsen, off Nordaustlandet, Svalbard  
3 Photo: Michal Madera (sixknots.net), Paddler: Natalie Maderova, near St Kilda  
4/5 Photo: Henri Camus, Paddler: Nicolas Daviau  
6 Photo: Paul Rutherford (Seaborne, Tiderace South West)  
7 Photo: Paul Rutherford (Seaborne), Paddler: Natalie Maderova (sixknots.net)  
8 Photo: Simen Havig-Gjelseth, Nordlaustlandet, Svalbard  
9 Left Photo: Paul Rutherford (Seaborne), Paddler: Adrian Tierney  
Centre: Paul Rutherford (Seaborne), Paddler: Jude Bishop  
Right: Photo: Rob Mercer (Expedition Kayaks), Paddler: Ken Collins, off Little Bay in Sydney  
10 Top Photo: Alice McInnes (seakayalice.co.uk), Paddler: Patricia Gotz, looking out to the Bass Rock, Shetland  
11 Photo: Roddy McDowell (Kayak Bute), Paddler: Alice McInnes, Off Esha Ness, Shetland  
12 Photo: Paul Rutherford, Paddler: Kevin Brown  
13 Left Photo: Paul Rutherford (Seaborne), Paddler: Chas Billing  
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14 Photographer & Paddler: Michal Madera (sixknots.net)  
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21 Photo: Becky Venton, Paddler: Steve Venton (www.kingfisherjourneys.com) on Lake Ruhondo, NW Rwanda  
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23 Top Left Photo: Paul Rutherford (Seaborne), Paddler: Shani Adams  
Top Right Photo & Paddler: Rob Mercer (Expedition Kayaks)  
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