



Back in 2001, Cheetah Marine was approached by the 'Friends of Dolphin' a charitable trust based in Poole to build a wheelchair friendly boat that would enable them to take disabled passengers around Poole Harbour. Six years later they were back. This time requiring a larger and updated model. So the new 11m model was born.

The new 'Dolphin III' has been specially designed and built to take passengers of all ages and disabilities. The wide spacious deck provides excellent stability in even the roughest sea conditions with a safe and comfortable ride as standard. With 20 passengers on one side, Dolphin III only tilted 4 degrees.

Wheelchair access is via one of two inward opening doors at deck level on both port and starboard side. On the outside deck, a large overhead canopy offers protection from the elements without hindering the view or experience from the deck. Passenger seating for 12 runs up both the starboard and port gunwales with storage under. Several wheelchair anchoring locations are embedded into the deck.

'Dolphin III' Crew chose the medium length wheelhouse with a separate wheelchair accessible toilet compartment accessed from the aft deck.

As a requirement of the crew, who are no longer in their first flush of youth, Cheetah have removed a section from the central dash enabling easy access forward where a large hatch provides access onto the foredeck and anchor locker located into the bow.

The second of the 11m series, this time with a length of 10.2m will be launched in time for Seawork 2008 and will feature the larger 3m long wheelhouse.



launch of new 11m cheetah

PURPOSE: The new 11m series has been designed for any commercial or leisure operation where a large internal space and/or heavy load carrying capacity is essential.

LOA: With a beam of 3.7m and deeper, high volume semi symmetrical planing hulls, the new model is considerably larger than the 9.95m. The hull is available at a choice of lengths from 9.95m up to 11m depending on the customer's requirement.

WHEELHOUSE: Generous accommodation space is provided in both the large spacious wheelhouse and forward of the dash down in the hulls. The wheelhouse is available in a choice of different overall lengths to suit the needs of the client.

FIT OUT: With Cheetah's experience in fitting and integrating specialized survey systems, the new 11m promises to make an ideal craft for the hydrographic survey industry.



Port Of London Authority



Second Cheetah for the Environment Agency

Aptly named 'Ouse 2 Know', the 6.9m with the long wheelhouse will be used as a patrol and enforcement vessel on a 140km stretch of the Great River Ouse within the Fens Waterways system.

Top priorities for the Environment Agency were stability, a good load carrying capacity and a generously sized working deck. 'Ouse2Know' will also be involved in various promotional activities as the Environment Agency continue to develop the Fens Waterways Link and aim to raise the profile of the Fens encouraging more people to take to the river in a safe and enjoyable way.

The 6.9m features a side door allowing access for wheelchair users as well as enabling straightforward loading of various equipment. Stainless steel keel bands on the hulls coupled with a shallow draught of about 30cm enable the Cheetah to work in the 35 km of tidal river and other shallow channels of the river system. The hulls are designed to beach with the option of loading from the bow on river banks.

Fuel consumption from twin Honda 40HP fourstroke engines at cruising speeds is incredibly economic with a reserve top speed of 22 knots if required. Shallow draught contributes to low wash eliminating concerns of damage to flood defence and habitats along the riverbank and minimizing disturbance to other boat users.



Part Build Works For Welsh Skipper

For Pembrokeshire Skipper Graham Owston a part build new 8.5m Cheetah provided the best value for money to satisfy his budget. The 8.5m is a new model replacing the old 7.4 and 8.4m series. A variety of wheelhouse sizes are available to suit the client's application.

Most boat owners are practical people and enjoy working on and fitting out their boats. At Cheetah Marine this is recognised with the supply of the most basic of fit out options. Stage A in any model provides the mouldings all bonded together. This means that all the composite work is carried out in the right temperature and relative humidity demanded by regulatory bodies such as Seafish.

Stage B supplies the boat ready for the fitting of steering and engines which leaves plenty of work to be done. Commercial fishing boats need a lot of fittings and equipment.

Graeme took delivery of his 8.5m 'Ashley' in Stage B format with steering and engines fitted. Once back in Wales he continued the fit out to include an inbuilt aluminium stern shoot, secondary steering, port side galvanised rails, starboard side pot table, davit, hauler and a complete electronic installation.



Following on from the highly successful Surveyor I, built for the Saudi Ports Authority, Cheatah Marine has continued to work closely with Reson, developing the moonpool and hydropod system.

'7.9m Galloper' has been purposely designed and built for the Port of London Authority. The main duty of the PLA's hydrographers is to provide accurate charting of the river bed and sea floor. 'Galloper' is employed throughout the full 140km tidal stretch of river and estuary that falls under the Authority's jurisdiction from the upper reaches of the Thames, out to Clacton on Sea and Margate.

The 7.9m Cheetah has been fitted with the new generation Reson SeaBAT 7125 multibeam echosounder, sound velocity probe and POS MV Motion Sensor by Applanix. The instruments are mounted within a hydrodynamic pod which can, for quayside wall surveying, be tilted at a 40° angle before being lowered through the moonpool into the water column.

With a 400kHz frequency, the 7125 MBES receiver covers a 128° swath with ultra high resolution and a maximum range of 300m. The PLA also has the option of fitting a lower 200kHz frequency bathy transducer, to aid surveying of areas with very dense fluid mud. A second pod incorporates an Acoustic Doppler Current Profiler (ADCP).

Operation of the 7125 MBES in tilt mode will enable the PLA to carry out high resolution inspections of vertical engineering structures including bridges, harbour walls, breakwaters, piers and outfalls.

The ability of the Cheetah Catamaran to survey structures in a matter of hours, as opposed to weeks when compared to traditional diver-surveys provides a hugely more economic and less hazardous solution. The PLA will be able to deliver clearer, denser images to their clients, whilst improving survey efficiency.

Transit lines can be completed at survey speeds of 4 to 11 knots and transits between sites can be achieved at higher speeds with the multibeam in the raised position. Dowel pins are used to fix the system into exactly the same place after each successive deployment so recalibration is not required.

'Galloper' is fitted with twin 135hp Honda fourstroke outboards, attaining a top speed of 25 knots and minimizing transit times between survey sites. The PLA's Hydrographers will have more time acquiring data at specific sites, essential when surveying busy ports or tidally constrained waters. A draught of only 30cm enables shallow water and drying banks to be accessed. The whole rig is readily transportable between survey sites and can be slipway launched and recovered.



ISLAND HOPPING Isle of Wight to Scilly in 1 day

The latest 6.9m Cheetah, 'Lowena,' to leave the Cheetah Marine yard arrived at her new home in the Scilly Isles just 18 hours later.

Powered by just 2 x 25hp Honda outboards, Lowena left Ventnor Haven on the Isle of Wight at 1am and arrived at St Martins on the Isles of Scilly at 7pm after 2 stops for fuel at Dartmouth and Newlyn.

'I am very impressed' reported Skipper Walder 'We averaged 10 – 12 knots on the 250 mile run home. The roughest water we hit was about 1 hour from home where flooding spring tides mixed with east wind created some very nasty seas. She ploughed on through with no worries. At times she made 18 knots surfing down big following seas. She is a smashing boat.'

'Lowena' is the first of the 6m series to be fitted with an inbuilt stern shoot. Skipper Walder will be potting and netting around the Scilly Isles usually up to 7 miles from St Martins. With a shallow draught of 0.3m and additional protection from stainless steel keel bands she will be working in close around rocks and on sand banks.

Cheetah Designer Sean Strevens reports 'With escalating fuel prices, it is essential to keep costs down as much as possible. Cheetah has two ways of tackling this problem and keeping outgoings to a minimum. The finely tuned hull design will cruise effortlessly through the water, planing at low speeds. This is combined with a counterbalanced lift in the tunnel which means that Cheetahs require a smaller powered engine whilst still retaining good cruising speeds and hence good fuel economy. Two savings are made - on the initial engine set up cost and on continuous fuel expenditure. Lowena's trip home used approximately 0.5 litres of fuel per mile per engine.'





ANOTHER CHEETAH IN SCOTLAND'S NORTH WEST

9.95m 'Spindrift III' will be creeling for prawns up to 30 miles from homeport of Kyle. 'We get down to Loch Nevis – a trip of 30 miles in about an hour. All round fuel consumption for the boat is below two litres of fuel per mile and we have a cruising speed when full of creels of 19 knots at 3600 revs and a top speed of 30 knots' comments Skipper Mackerlich



David Pakes from Dartangler informs us that it isn't just fishermen that appreciate the stability of a Cheetah.

9.95M 'Dartangler was launched in October ready for new owners to drive her to her home port of Dartmouth.

Skipper Pakes comments;

'We are delighted with her! She is an outstanding angling vessel and of course already enjoys a good reputation with commercial crab fishermen. At less than half the cost of some of the heavier and larger catamarans on the market, Cheetahs are worthy of serious consideration.'



8.5m FREE SPIRIT

is the latest Cheetah to join the Cheetah fleet working from Ventnor Haven. 'Free Spirit' now offers seafaris and angling trips to locals and visitors as well as doubling up as a demonstrator for potential Cheetah customers

7.9m 'Sula' has arrived at the Kilchoan Estate on the Knoydart Peninsular, one of the last remaining wilderness areas in the UK. Among a variety of tasks she will be used to transport clients and equipment visiting Kilchoan to remote areas of Loch Nevis.

Estate Manager Drew chose a Cheetah for its good load carrying and sea handling capabilities. A further requirement was the ability to load and unload people and equipment from the bow onto rocky shores around the loch. Outside seating and storage units have been fitted on both sides of the aft deck. A 5hp Honda powerpack, housed below one of the passenger seats powers the Spencer Carter slave hauler. The hauler will be used for loading stags, when they have been dragged down to the loch after a days shooting as well as for hauling creels.



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