

MALIZIA IMOCA OPEN 60

Sail area upwind: between 240 and 330 m²

Sail area downwind: between 460 and 620 m²

Combustion engine system: 377 kg

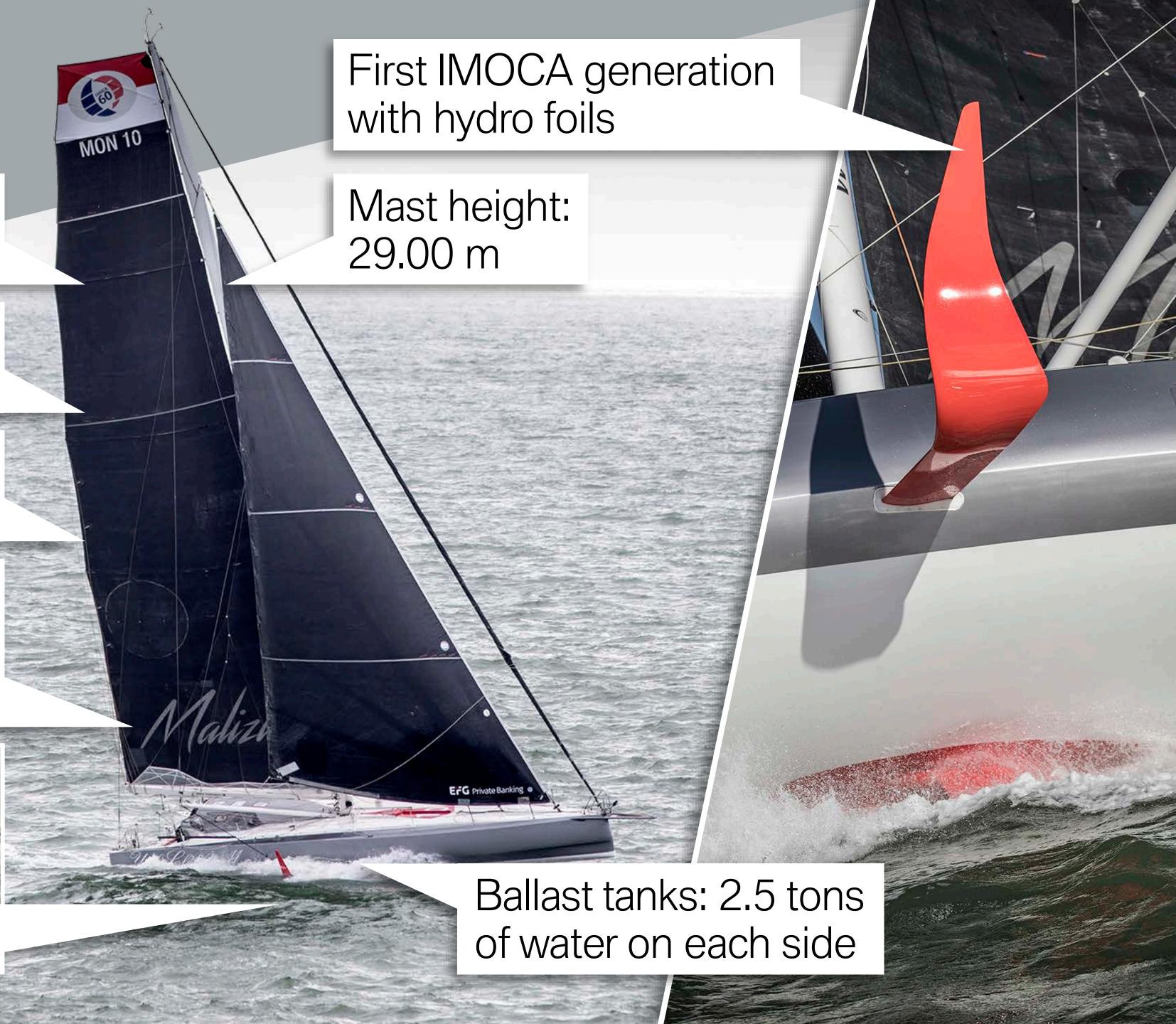
Length: 18.28 m (60 feet)

Beam: approx. 5.50 m

Draught: 4.50 m



Type of keel: Canting



BIMW i8 ROADSTER

374 hp / 275 kW 53 km System output

Electric range*

 \leq 2.0 ltr + 14.5 kWh Consumption / 100 km*

4.6 sec 0 - 100 km/h 250 km/h Top speed





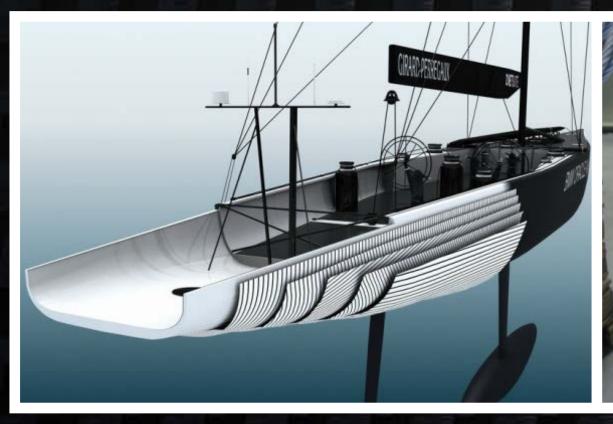




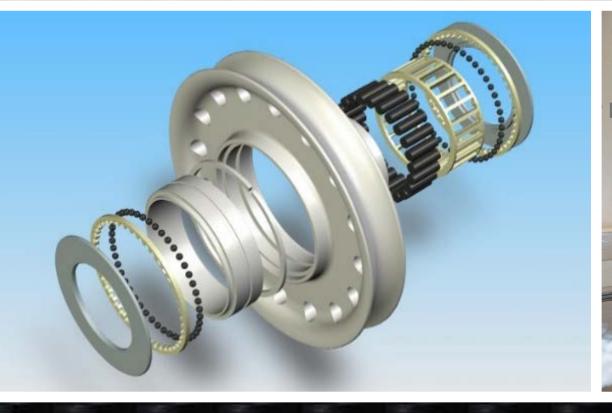


ACC V5 90 ft Trimaran AC45F AC50

2002 2007 2010 2013 2017 HISTORY IN SPORTS TECHNOLOGY - SAILING. AMERICA'S CUP.







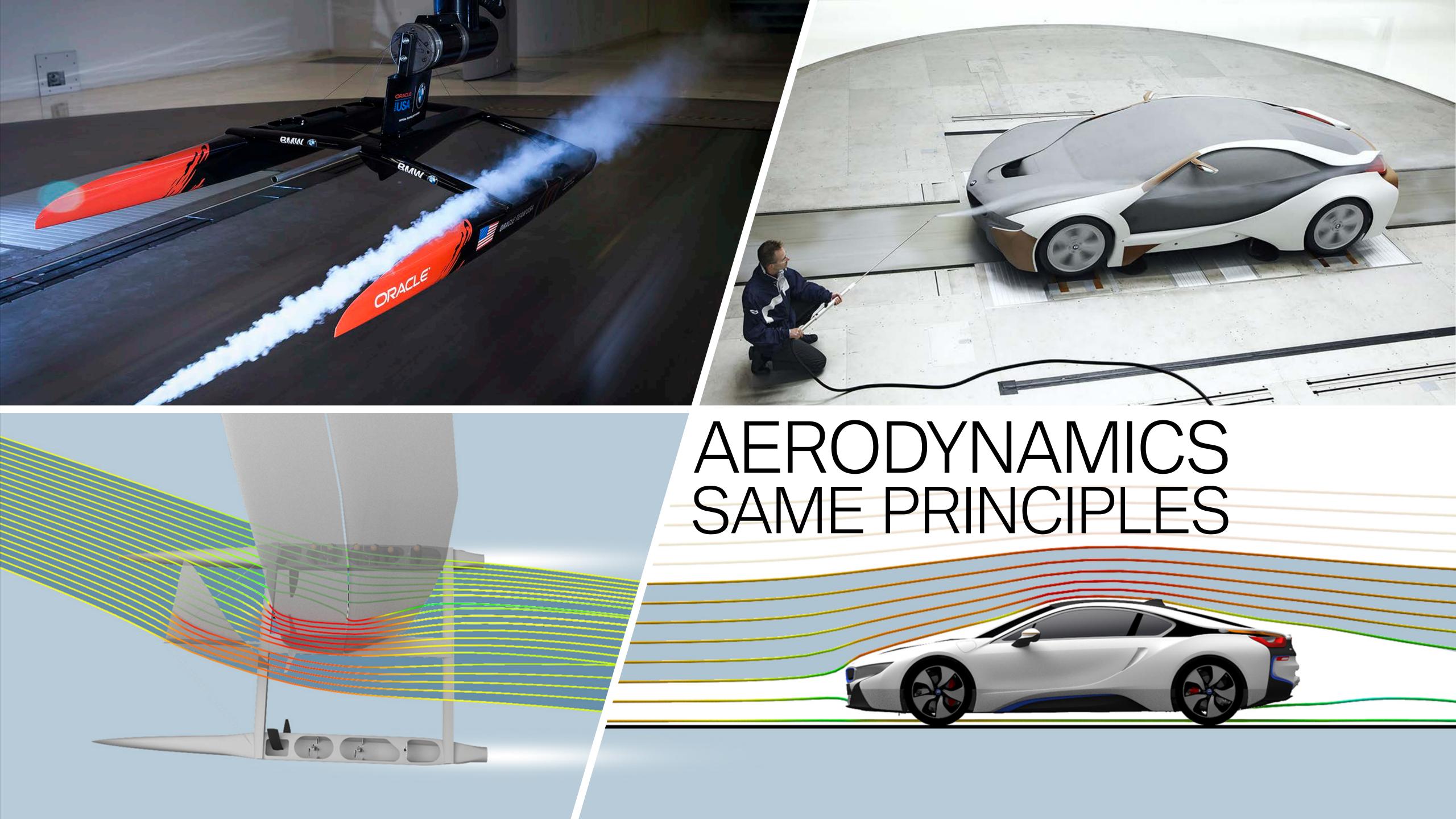


Process & Optimization

Stainless Steel Keel Fin

Ceramic Bearings - Winches

Aerodynamic Development

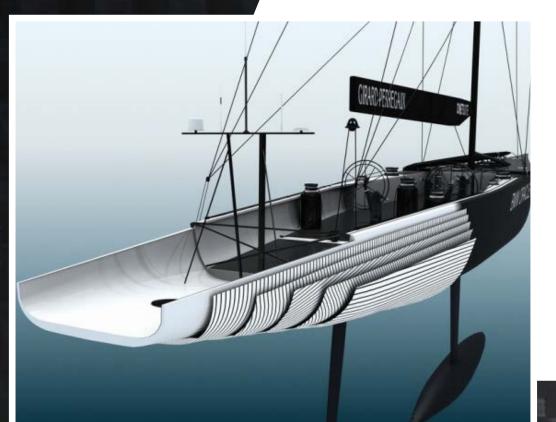




2004 2007 2010

THE CARBON STORY

HOW CARBON KNOW-HOW EVOLVES.

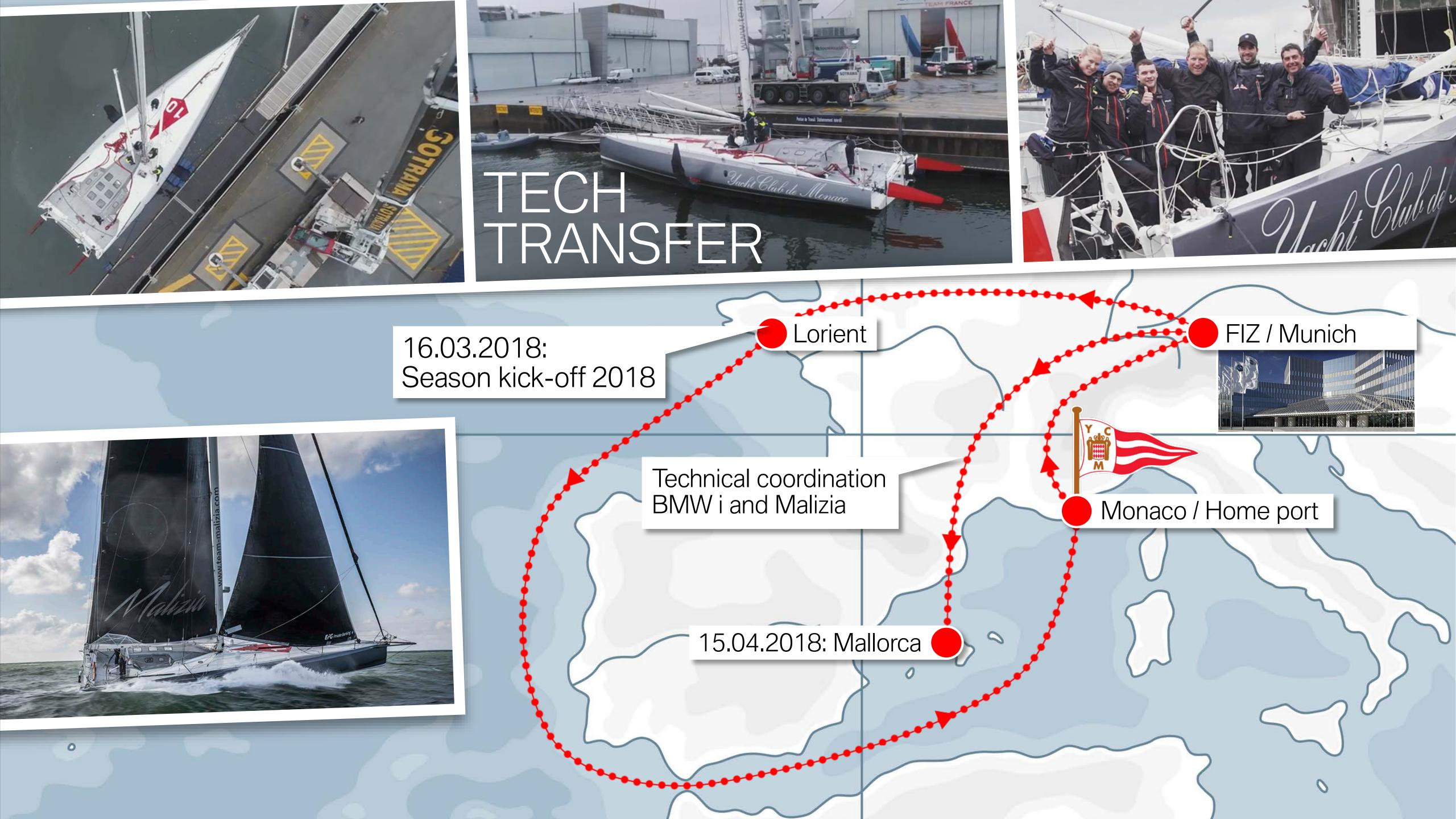




2011

BMW Oracle Racing BMW

> BMW i3 / i8 Development



LOOK INTO THE FUTURE

Next generation navigators seat: Increased weight reduction out of a bionic optimisation.









>>> LEADING EDGE BATTERY TECHNOLOGY. **TOTGEEDO**

POWER 48-5000

Taking lithium batteries for boats to a new level.

Build with BMW i3 battery module technology.

Record level energy density: 145 Wh/kg on battery level - 68 % better than typical LiFePo4 batteries.

- Record level cycle life: 80 % capacity remaining after 3000 cycles.
- Superior safety based on Torqeedo's 5-step safety system.
- >>> Specifications:
 - > Useable energy: 5,000 Wh.
 - Nominal capacity 5,275 Wh.
 - > Waterproof IP67.
 - > Weight: 36.5 kg.



>>> LEADING EDGE MOTOR TECHNOLOGY.

CRUISE 10 i / 20 i

Lightweight high efficiency electric motor.

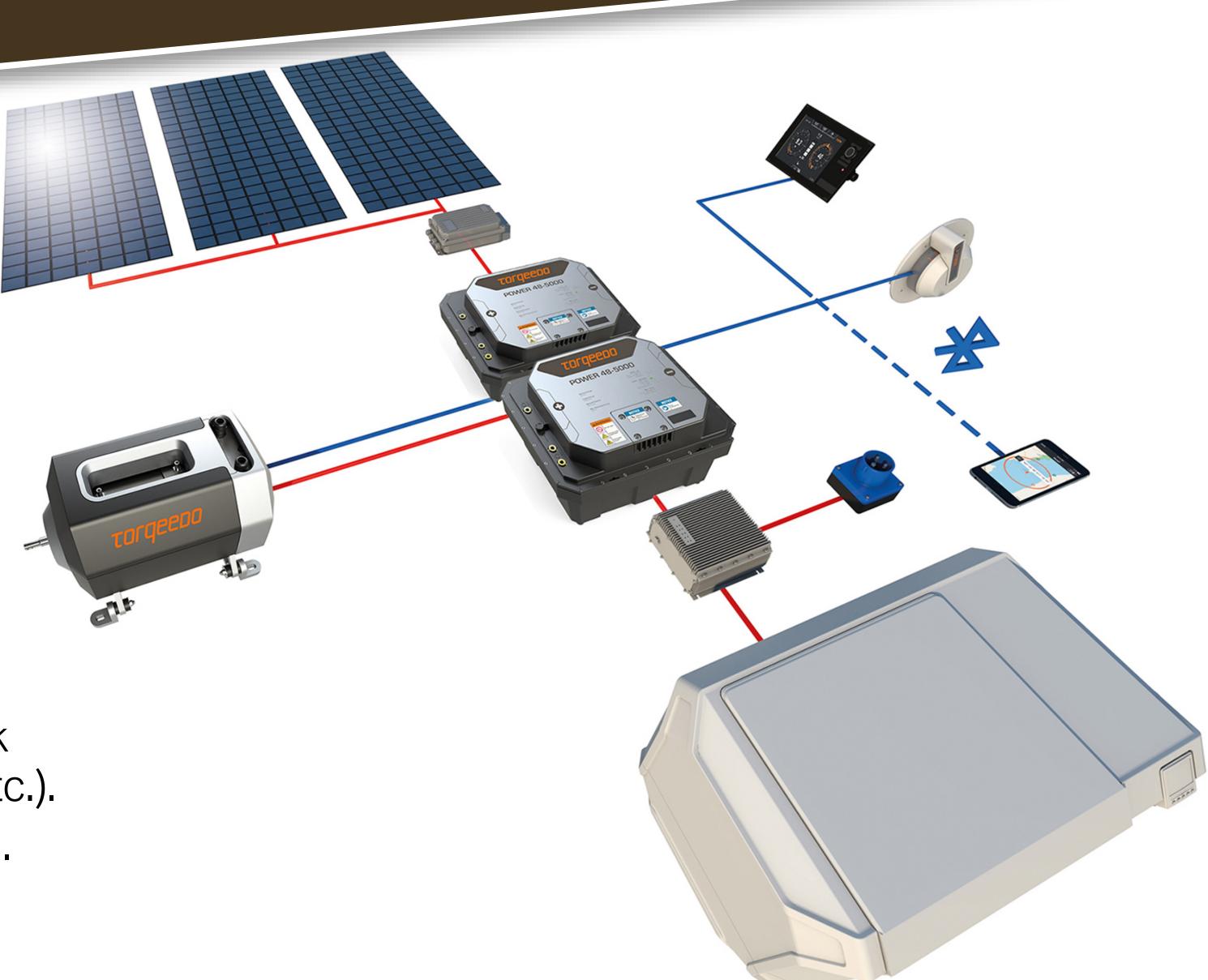
- Field-oriented control, electronically commutated brushless motor, rare-earth magnets.
- Peak efficiency (motor and motor electronics combined) 92 %.
- >>> Motor RPM: 7000.
- >>> Propeller RPM: 1400.
- Gear: 5:1 with 98 % efficiency.



>>> FULLY INTEGRATED SYSTEM.

TOTGEPOO

- >>> Components:
 - Batteries.
 - Motor.
 - Throttle with on-/off- and kill-switch.
 - > Onboard computer.
- DC-to-DC converter (24 V system).
- >>> Functionalities provided:
 - > Propulsion.
 - Energy management for 24 V network (autopilot, canting keel, watermaker etc.).
 - > Power generation via hydrogeneration.
 - > Integration of solar.



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