

MĀLAMA INNOVATION TO REDUCE OUR IMPACT ON THE PLANET

Boats are built from carbon fiber: a material strong enough to withstand huge structural loads, storms, and a wide variance in temperatures.

OVER **100kg**
220lbs
OF CARBON FIBER REPLACED
with more sustainable materials and nature-based solutions

THE TEAM HAS
Recycled
BROKEN CARBON FIBER COMPONENTS
INTO A CARBON FIBER TAPE
to be reused by us and other teams



HULL AND DECK
BUILT WITH
100%
RENEWABLE
ENERGY

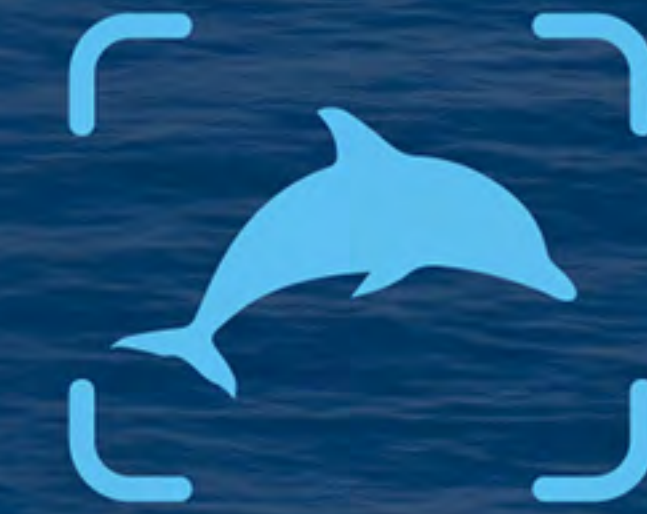


11TH HOUR RACING
TEAM

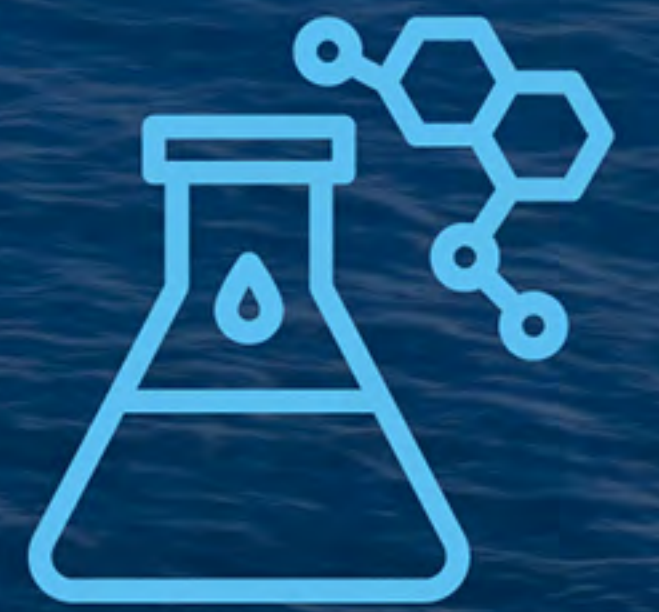


3 HATCH DOORS
MADE OF FLAX, RECYCLED PLASTIC,
AND BIO-BASED RESIN
The resin is less toxic than traditional resin
and has a 50% lower carbon footprint

At the top of the mast,
CAMERAS USE AI TECHNOLOGY
TO KEEP AN EYE OUT FOR
MARINE MAMMALS



Experiments conducted while racing with
SCIENCE EQUIPMENT ONBOARD
MEASURING TEMPERATURE,
SALINITY, MERCURY LEVELS,
AND PHYTOPLANKTON



The core of all
2,000m
6,500ft
OF MARLOW ROPES ONBOARD MADE
FROM 100% BIO-BASED DYNEEMA
a by-product of the timber and pulp industry



75%
OF THE ENERGY
GENERATED ONBOARD
IS FROM SOLAR PANELS
AND A HYDRO-GENERATOR

