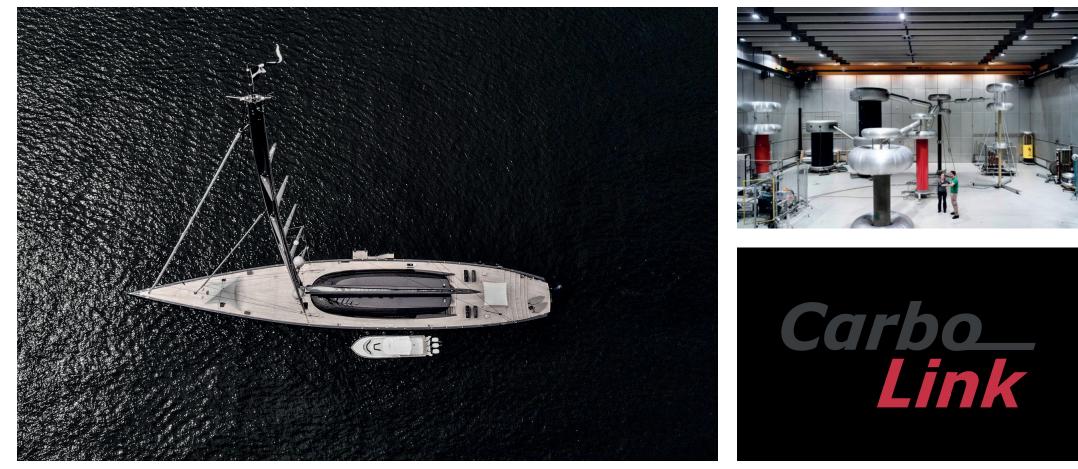
CL SOLID REDUCED LIGHTNING STRIKE VULNERABILITY

MADE IN SWITZERLAND SINCE 2000

GL CERTIFIED AS 9100D AEROSPACE & DEFENCE CERTIFIED



+41 58 201 25 00

01 PREVENTATIVE & REACTIVE

#1 FULLY INTEGRATED FITTINGS

- $\cdot\,\,$ Carbon is in direct contact with the fitting, which is in direct contact with the hull
- Resulting in a direct path of least resistance to the ground
- · Any static charge caused by electrical or magnetic fields decays immediately
- · There are no bonded joints to isolate the flow path

#2 PREVENTS STATIC CHARGE

- · High conductivity and direct path of low resistance
- · Prevents static charge from building up in the system
- Therefore significantly reducing the probability of a strike

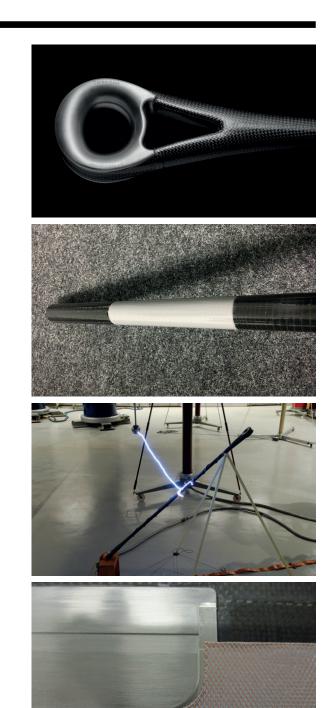
#3 THOROUGHLY TESTED

- · Various laboratory tests at ETH Zurich to better understand cause and effect
- Carbo-Link have supplied over 12,000 solid carbon crane cables to Liebherr
- · Cranes reaching heights of 220m
- · Zero lightning strike issues
- Numerous strikes on CL SOLID rigging M5, Skade, Lot 99 with no damage

#4

AERO-GRADE LIGHTNING STRIKE PROTECTION [LSP] CAN BE INTEGRATED

- · A highly-conductive mesh layer can be laminated into the cable
- · Further reduces electrical resistance and increases conductivity
- · Carbo-Link helicopter blades featuring aerospace approved and certified LSP



Link