



data buoy platforms



moorings



navigation buoys



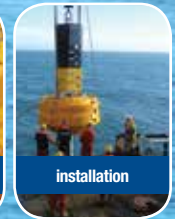
hydrosphere



navigation lights



mooring buoys



installation

the UK's leading supplier of aids to navigation

# Hydrosphere chains & moorings

Hydrosphere supplies complete mooring systems from cast-iron sinkers to chains, swivels and shackles, all of which are available to purchase or to rent.

High quality long-link chains are available from 60mm-6mm diameter. Constructed from highly resistant manganese alloyed steel, the chains offer a good compromise between price, weight and resistance. The inside width of the chain link allows fitting of shackles without the need for special end links. Every chain link is individually tested and, where required, certified by Lloyds or Bureau Veritas. Swivel forerunners are available to fit all available chain sizes.

Hydrosphere also offer a selection of anchor shackles – used to join the swivel end of the chain cable to the main anchor shackle – as well as buoy shackles designed for long-term mooring of marker and mooring buoys. The large external conical pin of the buoy shackle makes for easy handling and inspection with a strong diameter and 'T' form. All shackles are specifically designed to offer an extremely high resistance to wear and corrosion in harsh sea conditions, with a reinforced body and axle forged from the same manganese alloy steel material.

Cast-iron sinker weights are available from 5 tons to 500Kg.

## features:

- 60mm-6mm nominal diameter chains
- Individually tested chain links
- Manganese alloyed steel chains and swivels
- Certified by Lloyds and Bureau Veritas where required
- 5 ton – 500Kg sinkers
- Easy to handle and inspect



chains & moorings

# Hydrosphere chains & moorings

## long-link chains

60mm - 6mm



## FDS special marking buoys shackle

40mm - 16mm



## anchor shackle

100mm - 14mm  
(enables a chain cable  
with a swivel to be  
connected to an anchor)



## swivel forerunners

Suitable for  
66mm - 16mm chains



## sinkers

5 tons - 500Kg



## the right mooring solution for the job

The mooring buoy, chain and sinker / anchor should be considered a complete system; we can offer a mooring and buoy design service to ensure the correct buoy and mooring are supplied.



**hydrosphere**

### about Hydrosphere

Hydrosphere is the UK's leading supplier of aids to navigation and has been providing cost-effective solutions to the marine industry for more than 20 years. We offer a wide range of navigation and mooring buoys, LED navigation lights, sector lights, rotating beacons, leading lights, jetty masts, beach and zone marking products and associated moorings. Rental, installation and maintenance services are also available for all our products and systems.

**For more information please contact us.**

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Compliant with all IALA recommendations.

