

BUOYS & FENDERS



All mooring buoys are constructed of certified steel plate with workmanship and construction having to meet the strict requirements of the quality control manual, which includes pressure testing of the buoys upon completion to ensure watertightness.

The peg top and drum buoys can be supplied fitted with a range of single or double quick release hooks with capacities of 35 tons SWL up to 150 tons SWL either deck or shaft mounted. Together with the cylindrical type, the buoys can be supplied with either a central tube for “chain through” type moorings or a central shaft with top and bottom ring connections. The reversible buoys are supplied with their own steel rotating component assembly for connection to the ship’s ling and pendant chain respectively.

All the buoy ranges are supplied in the shot blast and primed condition and, together with owner’s finishing colours and markings, can be supplied with other extra cost options which include 2 or 4 internal watertight compartments, foam filling, cathodic protection, “d” section rubber fender and simple character flash warning lights in white, red, green and yellow.

Ask us for any information



SEDRA MARINE

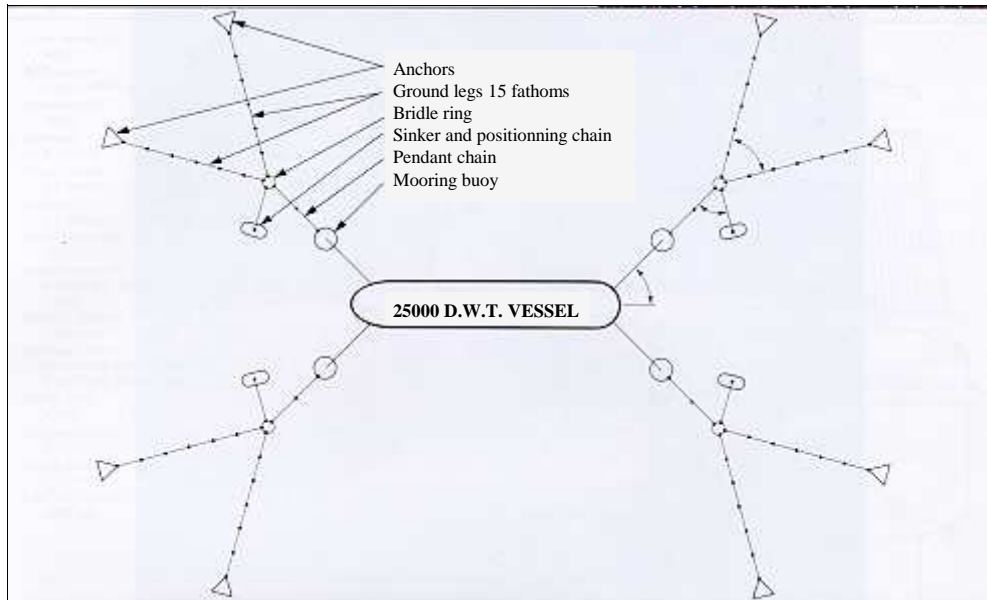
FRANCE

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e-mail : info@sedra-marine.fr - Site : <http://www.sedramarine-ard.com>

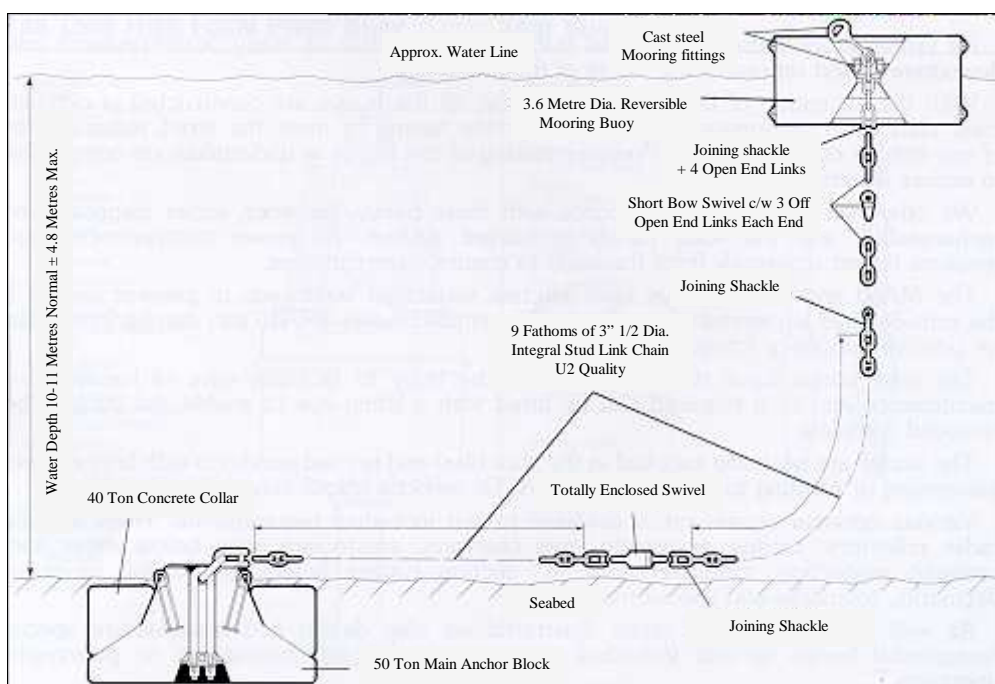


MOORING BUOYS AND SYSTEMS

Four point mooring arrangement for 25000 D.W.T. vessel

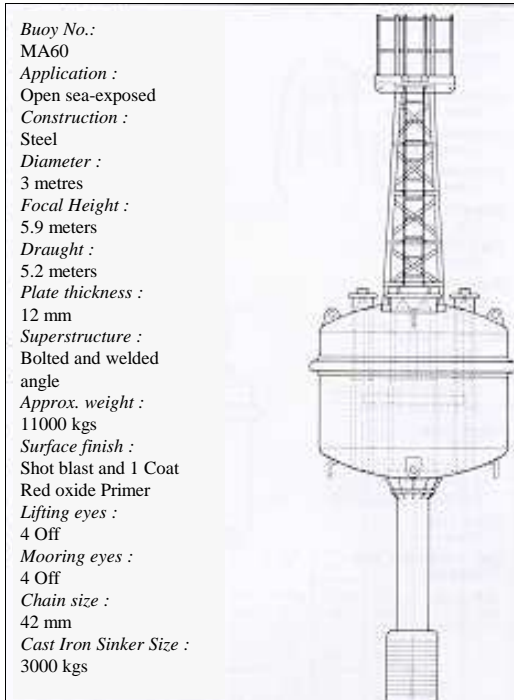


Arrangement of typhoon buoy mooring system

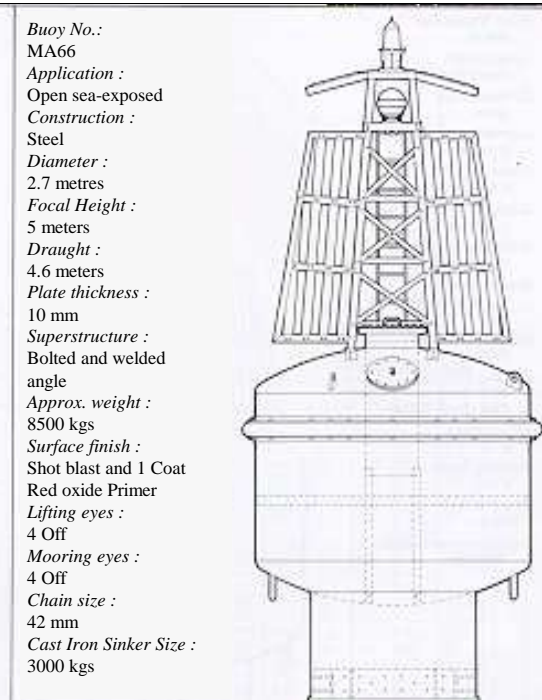


NAVIGATIONAL BUOYS AND SYSTEMS

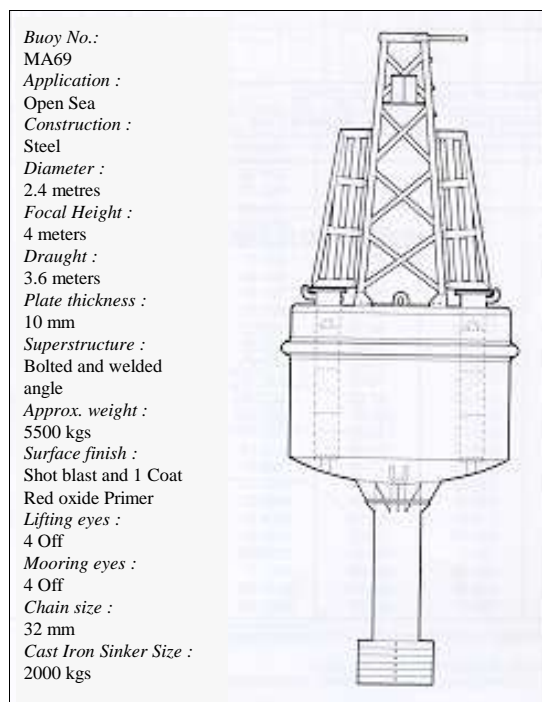
Tail tube high focal plane buoy



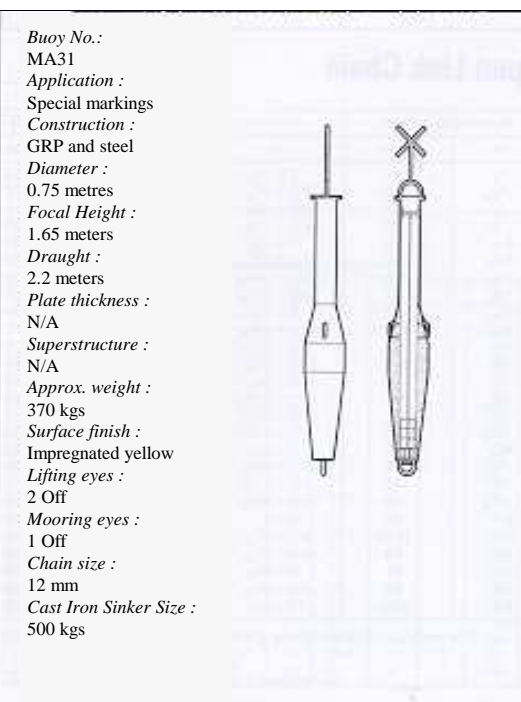
High focal plane skirted deep sea buoy



Tail tube high focal plane buoy



Spar buoy

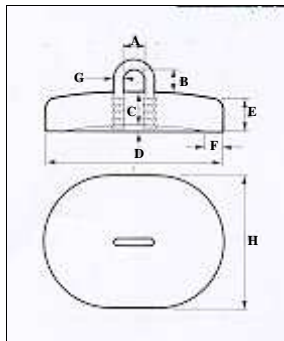


NAVIGATIONAL BUOYS AND SYSTEMS

Skirt type navigational buoys

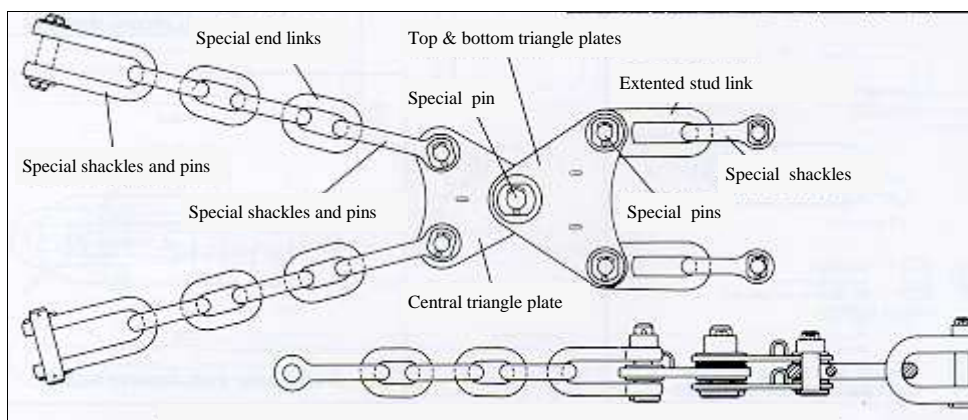
<p><i>Buoy No.:</i> MA25 <i>Application :</i> Open sea-exposed <i>Construction :</i> Steel <i>Diameter :</i> 3 metres <i>Focal Height :</i> 4.8 metres <i>Draught :</i> 3 metres <i>Plate thickness :</i> 12 mm <i>Superstructure :</i> Bolted and welded angle <i>Approx. weight :</i> 9500 kgs <i>Surface finish :</i> Shot blast and 1 Coat Red oxide Primer <i>Lifting eyes :</i> 4 Off <i>Mooring eyes :</i> 4 Off <i>Chain size :</i> 38 mm <i>Cast Iron Sinker Size :</i> 3000 kgs</p>		<p><i>Buoy No.:</i> MA10 <i>Application :</i> Open sea/Inshore <i>Construction :</i> Steel <i>Diameter :</i> 2.4 metres <i>Focal Height :</i> 3 metres <i>Draught :</i> 1.95 metres <i>Plate thickness :</i> 10 mm <i>Superstructure :</i> Bolted and welded angle <i>Approx. weight :</i> 4500 kgs <i>Surface finish :</i> Shot blast and 1 Coat Red oxide Primer <i>Lifting eyes :</i> 4 Off <i>Mooring eyes :</i> 3 Off (Bridle or Single pendant connection) <i>Chain size :</i> 32 mm <i>Cast Iron Sinker Size :</i> 2000 kgs</p>	
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Oval pattern cast iron sinkers

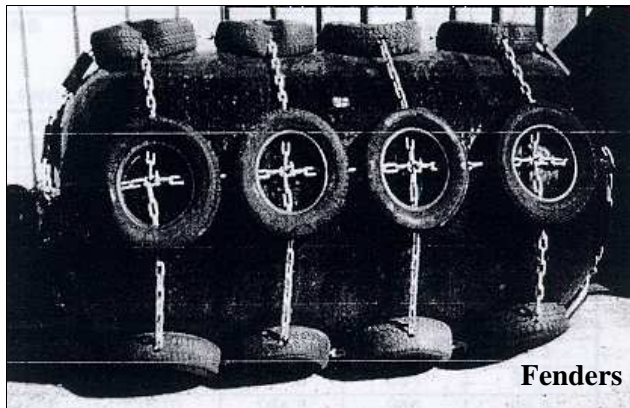


Size tons	A cm	B cm	C cm	D cm	E cm	F cm	G cm	H cm	I cm
0.2	20	20	13	4	13	15	7	41	57
0.5	20	20	16.5	4	16.5	15	7	60	84
1	20	20	17	4	17	15	7	86	114
1.5	20	20	25.5	4	25.5	15	7	86	114
2	20	20	24	4	24	15	7	100	140
2.5	20	20	30	4	30	15	7	100	140
3	20	20	30	4	30	15	7	120	150
3.5	20	20	32.5	4	32.5	15	7	120	150
4	20	20	35	4	35	15	7	120	150
4.5	20	20	37.5	4	37.5	15	7	120	150
5	20	20	33	4	33	15	7	140	180
5.5	20	20	36.5	4	36.5	15	7	140	180
6	20	20	40	4	40	15	7	140	180
6.5	20	25	43	4	43	15	7	140	180
7	20	25	46	4	46	15	7	140	180
7.5	20	25	49.5	4	49.5	15	7	140	180
8	20	25	53	4	53	15	7	140	180
8.5	20	25	56.5	4	56.5	15	7	140	180
9	20	25	59.5	4	59.5	15	7	140	180
10	20	25	66	4	66	15	7	140	180

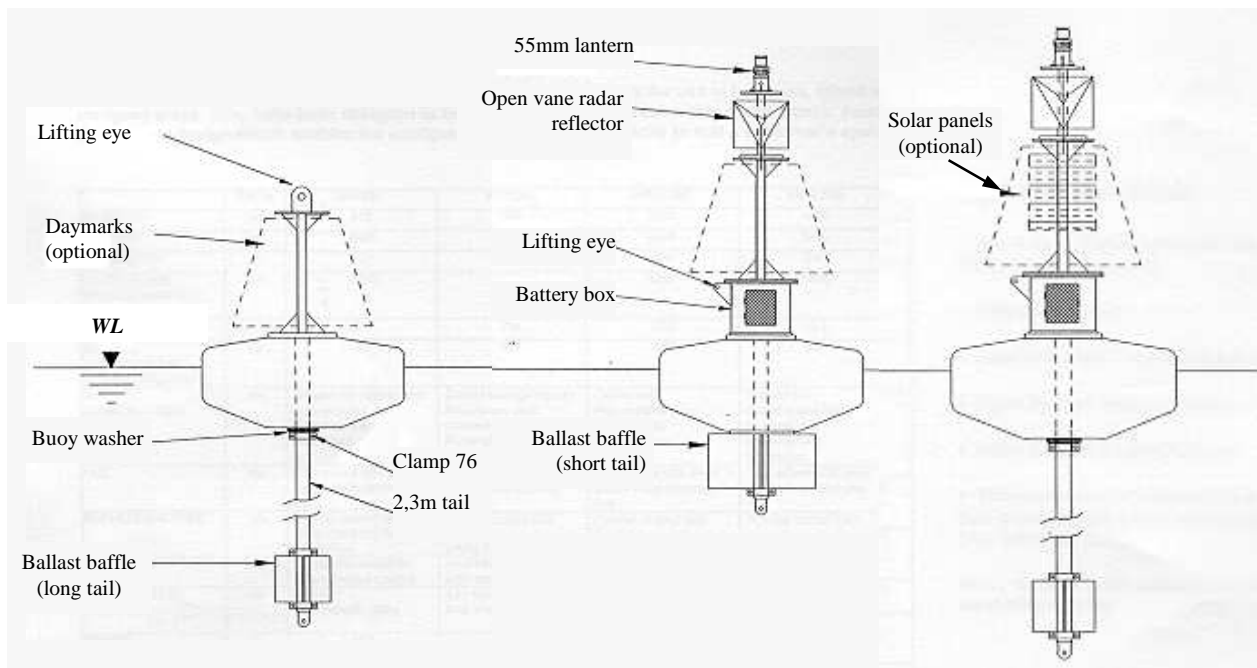
Buoy side arrangements



NAVIGATIONAL BUOYS AND SYSTEMS



For further more details,
please contact us for :
fenders,
buoys,
anchor pendant buoys.



Marker buoys

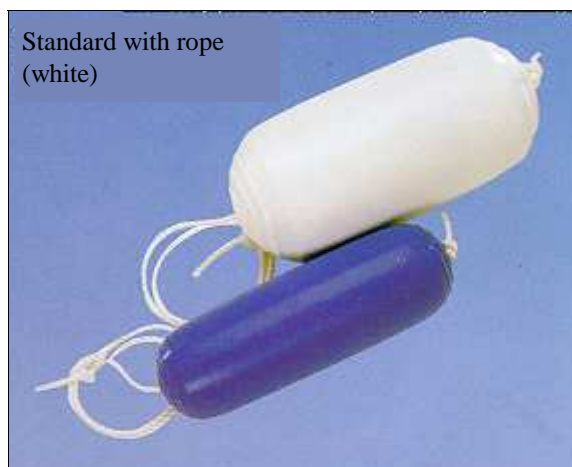
FENDERS & BUOYS

MINIFENDER



Item	Ø mm	Length mm	Gross buoyancy	Eye Ø mm
312	90	320	1,4 kg	12
416	102	430	2,3 kg	12
518	127	460	4,4 kg	12
621	152	560	6,0 kg	14

CENTERHOLE FENDERS



Item	Ø mm	Length mm	Gross buoyancy	Eye Ø mm
517	125	431	4,8 kg	14
622	150	560	8,8 kg	14
819	200	483	15,8 kg	14
824	200	610	16,8 kg	14

PICK-UP BUOY



Item	Ø mm	Length mm	Gross buoyancy	Eye Ø mm
PB30	240	760	8,0 kg	18

BUOY



Item	Ø mm	Length mm	Gross buoyancy	Eye Ø mm
B20BL	160	510	2,1 kg	11

FENDERS & BUOYS

INFLATABLE FENDERS, HEAVY DUTY



* Roll-A-Boat : (to haul boats on sandy beaches)
(min. 700 kilos in tensile strength)
With valve.

Item	Ø mm	Length mm	Gross buoyancy	Eye Ø mm
520	125	510	5,0 kg	18
623	150	585	6,5 kg	18
822	200	560	14,0 kg	28
827	200	705	23,0 kg	28
839 *	200	990	34,0 kg	28
1025	250	635	29,0 kg	28
1035	250	890	39,0 kg	28
1232	300	810	43,0 kg	28
1242	300	1060	55,0 kg	28
1555	380	1270	116,0 kg	28

MARKER BUOY, HEAVY DUTY



With valve
Available with stainless steel inserts on request, as extras

* B100, B120, B135 standard with steel inserts in rope eye.

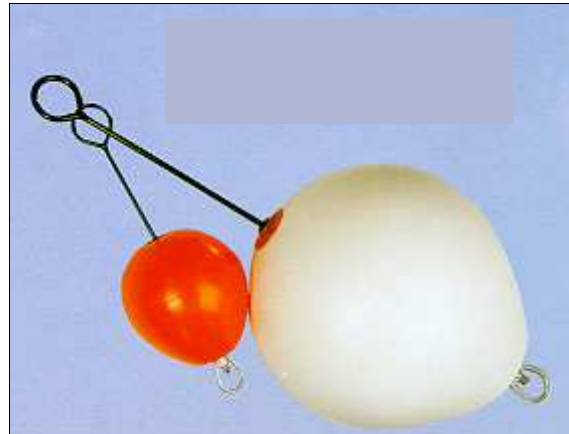
Item	Ø mm	Length mm	Gross buoyancy	Eye Ø mm
B20	160	510	2,0 kg	18
B30	240	760	8,0 kg	18
B40	320	1015	23,0 kg	28
B50	405	1270	46,0 kg	28
B60	480	1525	72,0 kg	28
B75	610	1905	118,0 kg	28
B100 *	810	2540	280,0 kg	32
B120 *	965	3028	540,0 kg	32
B135 *	1100	3429	675,0 kg	32

BUOYS

MOORING BUOY



MOORING BUOY



The Mooring buoys :

With valve.

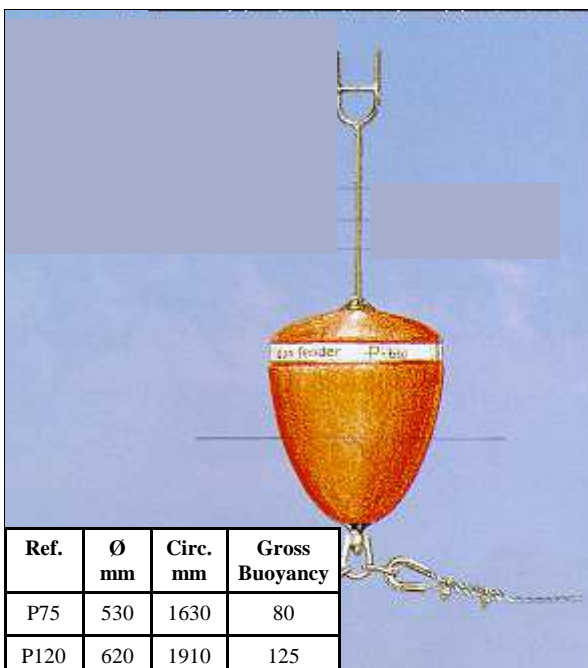
All rods are warn-galvanized and rilsan treated.

Safely secured by 2 mutters.

Item	Ø mm	Circ. mm	Length mm	Gross buoyancy	Eye Ø mm
M30SH	240	760	480	7,0 kg	12
M40SH	330	1015	580	17,0 kg	12
M50SH	405	1270	680	34,0 kg	16
M60SH	480	1525	780	61,0 kg	16
M75SH	605	1905	900	120,0 kg	16
M100SH	810	2540	1140	260,0 kg	20

Item	Ø mm	Circ. mm	Length mm	Gross buoyancy	Eye Ø mm
M40L	330	1015	860	17,0 kg	12
M50L	405	1270	1060	34,0 kg	16
M60L	480	1525	1160	61,0 kg	16
M75L	605	1905	1370	120,0 kg	16
M100L	810	2540	1700	260,0 kg	20

“P” BUOY



Ref.	Ø mm	Circ. mm	Gross Buoyancy
P75	530	1630	80
P120	620	1910	125

An important word about mooring buoys

Mooring lines must never be tied to the top lifting loop of the mooring buoy.

Mooring lines should always be attached to the anchor chain as shown in the illustration.