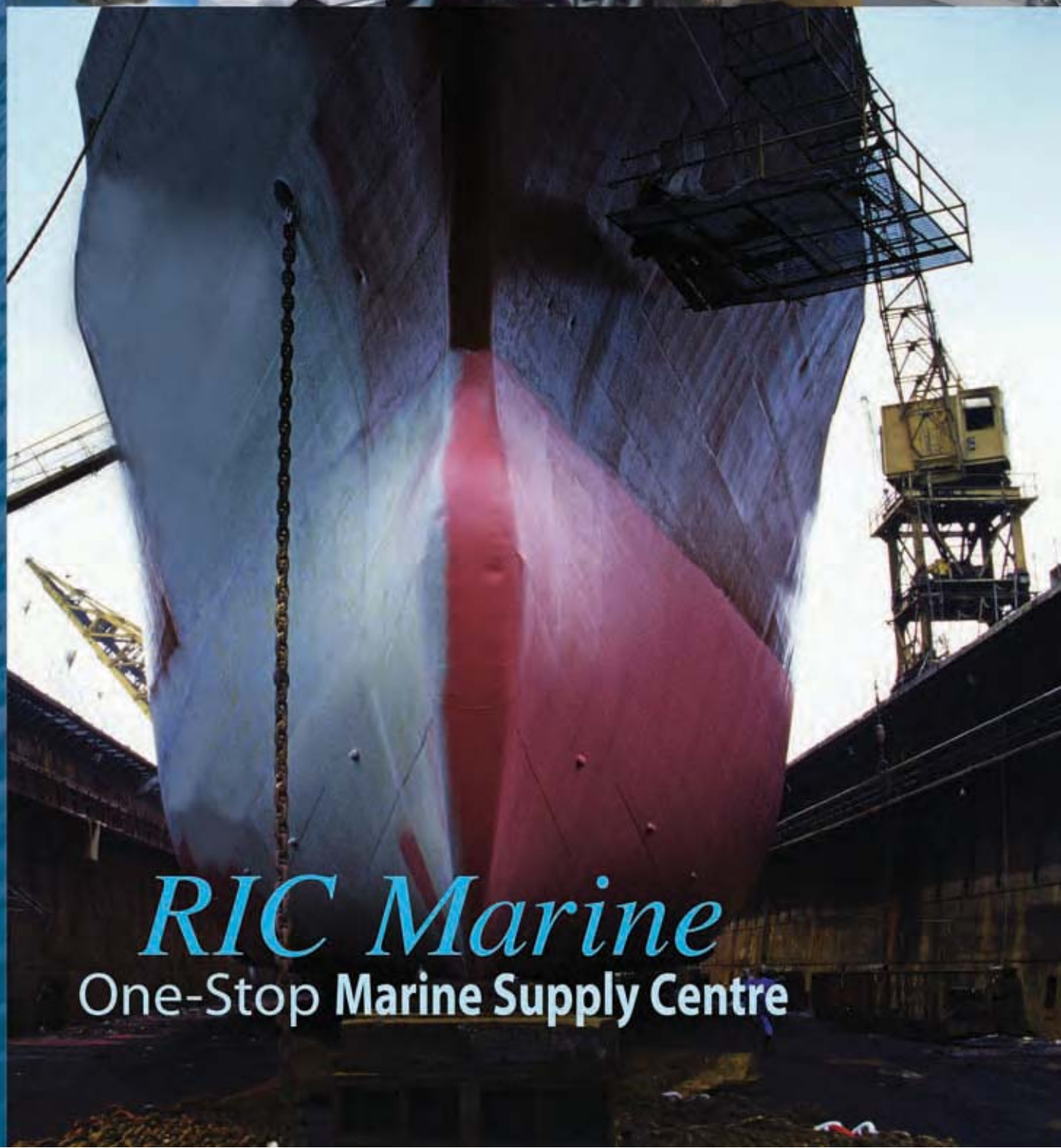
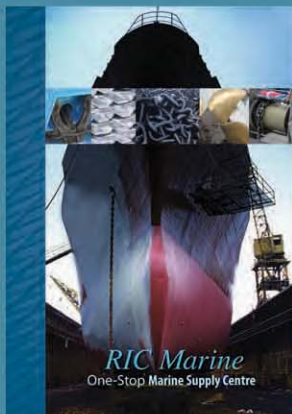




RIC Marine
One-Stop Marine Supply Centre



- 01 - Company Profile
- 02 - 03 - Ship Supply
- 04 - 05 - Cathodic Protection
- 06 - 10 - Deck Mooring Equipment
- 11 - 16 - Deck Outfit Equipment
- 17 - 19 - Deck Machinery Equipment
- 20 - 21 - Life Safety Equipment
- 22 - 23 - Offshore Equipment
- 24 - Ship Interior Equipment



RIC MARINE YOUR ONE-STOP MARINE SUPPLY CENTRE



Ric Marine Pte Ltd incorporated in 1980's. It has developed from a stockiest for marine ropes to become one of the market leaders in Singapore's marine supply industry.

In 1993, Ric Marine expanded its business into cathodic protection products. A new subsidiary – CPS Asia Pacific Pte Ltd was set up to manufacture zinc and aluminum anodes and to provide design services for cathodic protection systems.

The Company continued to excel and soon moved into general ship supply and ship chandler businesses. Ship supply and chandler businesses have become the core businesses of Ric Marine. Today, Ric Marine is ranked amongst the top operators in these areas.

Riding on the surge of marine and offshore industry in recent years, Ric Marine expanded its services into marine and offshore equipment supply markets. It is now one of the leading suppliers for ship new building equipment and offshore / oilfield equipment in Singapore.

After years of dedication, Ric Marine has built up strong foothold in the following areas:

- Ship chandlery
- Anode manufacturing
- Marine & off shore New Ship building equipment supply and distribution
- Marine rope and other equipment stockiest

In February 2011, Ric Marine moved into its brand new and spacious office cum logistic centre which is equipped with comprehensive warehouse, logistics and storage facilities. This marked as another milestone for Ric Marine.

With its extensive global network, reliable and outstanding performance, dedicated and experienced sales and service team, as well as the proven tracking record over the years, Ric Marine has continued to sail and maintain its growth in the challenging global business environment. Thanks to the support of our business partners and customers, it has now evolved into one of the market leaders in Singapore's marine supply industry and built up its reputation amongst ship owners, ship managers, shipyards and end-users around the world.





RIC MARINE YOUR ONE-STOP MARINE SUPPLY CENTRE



- GENERAL SHIP SUPPLY
- PROVISION & BONDED SHIP SUPPLY
- MARINE CATHODIC PROTECTION SYSTEM -CPS
- SHIP NEW BUILDING EQUIPMENT SUPPLY
- MARINE MOORING EQUIPMENT STOCKIST



ONE-STOP SHIP SUPPLY CENTRE



GENERAL SHIP SUPPLY

- Deck Store
- Engine Store
- Electrical Store
- Cabin Store
- Safety Store
- Navigation Store
- Fresh Provision Store
- Frozen Provision Store
- Dry Provision Store
- Bonded Store



NO.8 ENTERPRISE ROAD, SINGAPORE 629820



We Supply with Commitment!



Our Facilities

Logistic cum Warehouse Area :	90,000 sq. ft.
Office Area :	8,000 sq. ft.
Fork Lift of Various Capacity :	4
Trucks of Various Capacity :	9
Total Staff Strength :	70



RIC MARINE YOUR ONE-STOP MARINE SUPPLY CENTRE



CPS ASIA PACIFIC PTE LTD



CATHODIC PROTECTION

In order to cater for the increasing demand of cathodic protection, CPS ASIA PACIFIC PTE LTD, a fully owned subsidiary of RIC MARINE PTE LTD, was set up in 1993 as part of the corporate strategy to become a "One-Stop Marine Supply Center".

CPS has engaged the State-Of-Art technology in its anode manufacturing plant, which located in the busiest port of the world – Singapore. Our anodes are produced in accordance with standard specifications. All zinc and aluminum anodes are casted from special high grade 99.995% zinc purity and 99.85% aluminum purity. Both specifications have been approved by London Metal Exchange and awarded with DNV Certificates respectively.



NO.8 ENTERPRISE ROAD, SINGAPORE 629820



We Supply with Commitment!



REPORT

INVT PETROLEUM SERVICES PTE LTD
20 Selegie Road, Singapore 118240
Tel: 65 6336 8888 Fax: 65 6336 8889
Email: info@invt.com.sg

REPORT NO. INVT-000001 DATE: 20/08/2008 PAGE NO. 1 OF 1

SUBJECT CHEMICAL ANALYSIS OF METAL
TESTED FOR CPN ANA PACIFIC PTE LTD
10 Selegie Road
Singapore 118240
Attention: Mr. Stephen Lee

DATE RECEIVED 20 September 2008
DATE TESTED 20 September 2008
DESCRIPTION OF SAMPLE One piece of metal strip

RESULTS
INVT Sample No.: 000001

Test Result	Unit	Result	Test Method
Iron	% mass	99.99	DRXPS
Aluminum	% mass	0.01	DRXPS
Cadmium	% mass	0.00	DRXPS
Copper	% mass	0.00	DRXPS

INVT TONGKAP PTE LTD
LABORATORY MANAGER

Singapore Test Services Pte Ltd
20 Selegie Road, Singapore 118240
Tel: 65 6336 8888 Fax: 65 6336 8889
Email: info@stsg.com.sg

Test Report No. STSG-000001 Lab No. STSG-000001 Page No. 1 OF 1

TEST REPORT

CLIENT PD & CPN LTD-USA
TESTED FOR 10 Aug 2008
TESTED BY STSG Asia Pacific Pte Ltd
10 Selegie Road
Singapore 118240
ATTENTION Mr. Stephen Lee

DESCRIPTION OF SAMPLE One piece of aluminum sample

DATE OF COMPLETION 4 Aug 2008

The chemical composition of the material was found to be as follows:

Element (%)	Result	Specification
Aluminum	99.99	99.99 - 100.00
Iron	0.01	0.01 - 0.05
Copper	0.00	0.00 - 0.05
Cadmium	0.00	0.00 - 0.05

TESTING METHOD STSG-000001
Industry Standard Method - A2

TESTING METHOD DETAILS STSG-000001
TESTING METHOD STSG-000001
TESTING METHOD STSG-000001



Our products

Zinc & Aluminum Anode
Anti-fouling System
ICCP System
MGPS System
Clamps

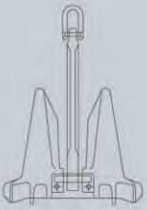
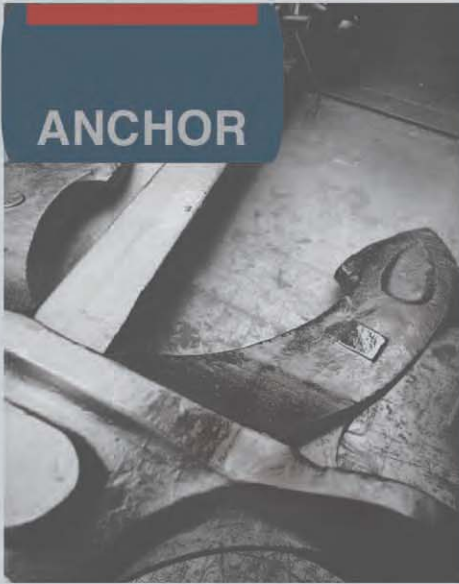
Our services

Vessel Inspection
Fabrication
Storage
Anode Arrangement Design
Anode Installation Drawing

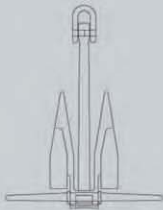
DECK MOORING EQUIPMENT



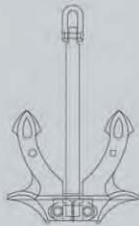
ANCHOR



AC14 H.H.P
Stockless



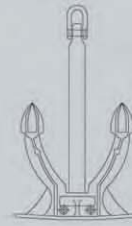
Danforth



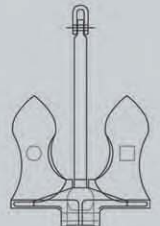
Hall Type Stockless



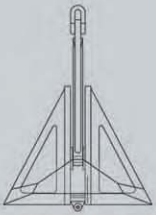
Pool-N



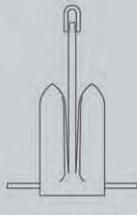
Spek



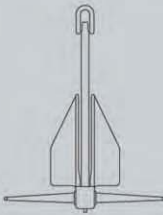
Baldt Type



Fabricated Delta



Moorfast



LWT



Drag

Weight up to 30 Tonnes
All Class: ABS, BV, DNV,
NK, LR, GL, CCS



DECK MOORING EQUIPMENT



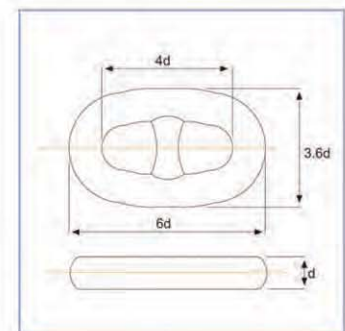
STUD LINK CHAIN

Type: Stud Link / Studless Link Chain
Size: 12.5mm – 127mm Diameter
Grade: U2, U3, R3, R3(S), R4

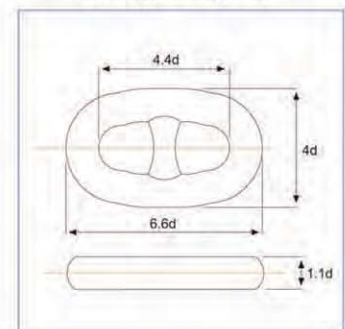
Stud Link Chain Cables for Bower Anchors			Anchor For Ship		
Chain Diameter		Total Length Per Shipset	Number	Ordinary Stockless Anchor	H.H.P. Anchor
Grade 2	Grade 3			Weight	Weight
mm	mm	m	No.	Kg	Kg
12.5	-	220	2	180	-
14	-	220	2	240	-
16	-	247.5	2	300	-
17.5	-	247.5	2	360	-
17.5	-	275	2	420	-
19	-	275	2	480	-
20.5	-	302.5	2	570	-
22	20.5	302.5	3	660	-
24	22	330	3	780	585
26	24	357.5	3	900	675
28	24	357.5	3	1020	765
30	26	385	3	1140	855
32	28	385	3	1290	970
34	30	412.5	3	1440	1080
34	30	412.5	3	1590	1195
36	32	440	3	1740	1305
38	34	440	3	1920	1440
40	36	440	3	2100	1575
42	36	467.5	3	2280	1710
44	38	467.5	3	2460	1845
46	40	467.5	3	2640	1980
48	42	495	3	2850	2140
50	44	495	3	3060	2295
50	46	495	3	3300	2475
52	46	522.5	3	3540	2655
54	48	522.5	3	3780	2835
56	50	522.5	3	4050	3040
58	50	550	3	4320	3240
60	52	550	3	4590	3445
62	54	550	3	4890	3670
64	56	577.5	3	5250	3940
66	58	577.5	3	5610	4210
68	60	577.5	3	6000	4500
70	62	605	3	6450	4840
73	64	605	3	6900	5175
76	66	605	3	7350	5512
78	68	632.5	3	7800	5850
81	70	632.5	3	8300	6225
84	73	632.5	3	8700	6525
84	76	660	3	9300	6975
87	78	660	3	9900	7425
90	78	660	3	10500	7875
92	81	687.5	3	11100	8325
95	84	687.5	3	11700	8775
97	87	687.5	3	12300	9225
100	87	715	3	12900	9675
102	90	715	3	13500	10125
105	92	715	3	14100	10575
107	95	742.5	3	14700	11025
111	97	742.5	3	15400	11550
111	97	742.5	3	16100	12075
114	100	742.5	3	16900	12675
117	102	742.5	3	17800	13350
120	107	742.5	3	18800	14100
124	111	770	3	20000	15000
127	114	770	3	21500	16125
132	117	770	3	23000	17250
137	122	770	3	24500	18375



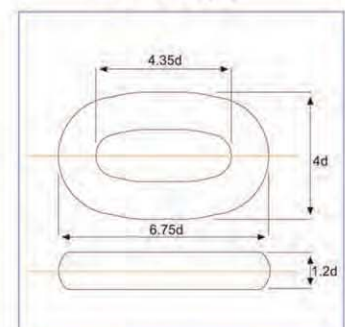
Common Link (C)



Enlarged link (E.L)



End link (E)



RIC MARINE YOUR ONE-STOP MARINE SUPPLY CENTRE

DECK MOORING EQUIPMENT



STEEL WIRE ROPE



- Un-galvanized Steel Wire Rope
- Galvanized Steel Wire Rope
- Steel Wire Rope



RIC MARINE YOUR ONE-STOP MARINE SUPPLY CENTRE

DECK MOORING EQUIPMENT



SYNTHETIC ROPE

- Polypropylene (PP) Rope
- Nylon Rope
- PP / PE Mixed Rope
- Manila Rope



RIC MARINE YOUR ONE-STOP MARINE SUPPLY CENTRE

DECK MOORING EQUIPMENT



FAIRLEAD
ROLLER



PANAMA
CHOCK



- Panama Chock
- Bollard
- Fairlead Roller
- Chain Stopper
- Cross Bitt

RIC MARINE YOUR ONE-STOP MARINE SUPPLY CENTRE

DECK OUTFIT EQUIPMENT



RUBBER FENDER



- W type / D type / Cylindrical Type Ship's Fender
- Pneumatic Rubber Fender
- Foam Filling Rubber Fender
- Tyre Fender
- Slipway / Dock Fender
- Jetty Fender

RIC MARINE YOUR ONE-STOP MARINE SUPPLY CENTRE

DECK OUTFIT EQUIPMENT



MARINE WINDOW



SIDE SCUTTLE



- Normal / Heating Glass Window
- Welding Type / Bolt & Nut Type Window
- Openable / Fixed Type Window
- Fire Rated Window
- Port Hole
- Clear View Screen

DECK OUTFIT EQUIPMENT



MARINE DOOR



- Weather Tight / WaterTight Door
- Fire Rated Door
- Dog Clips / Quick Action Door
- Hydraulic Sliding Door

RIC MARINE YOUR ONE-STOP MARINE SUPPLY CENTRE

DECK OUTFIT EQUIPMENT



LADDER & GANGWAY

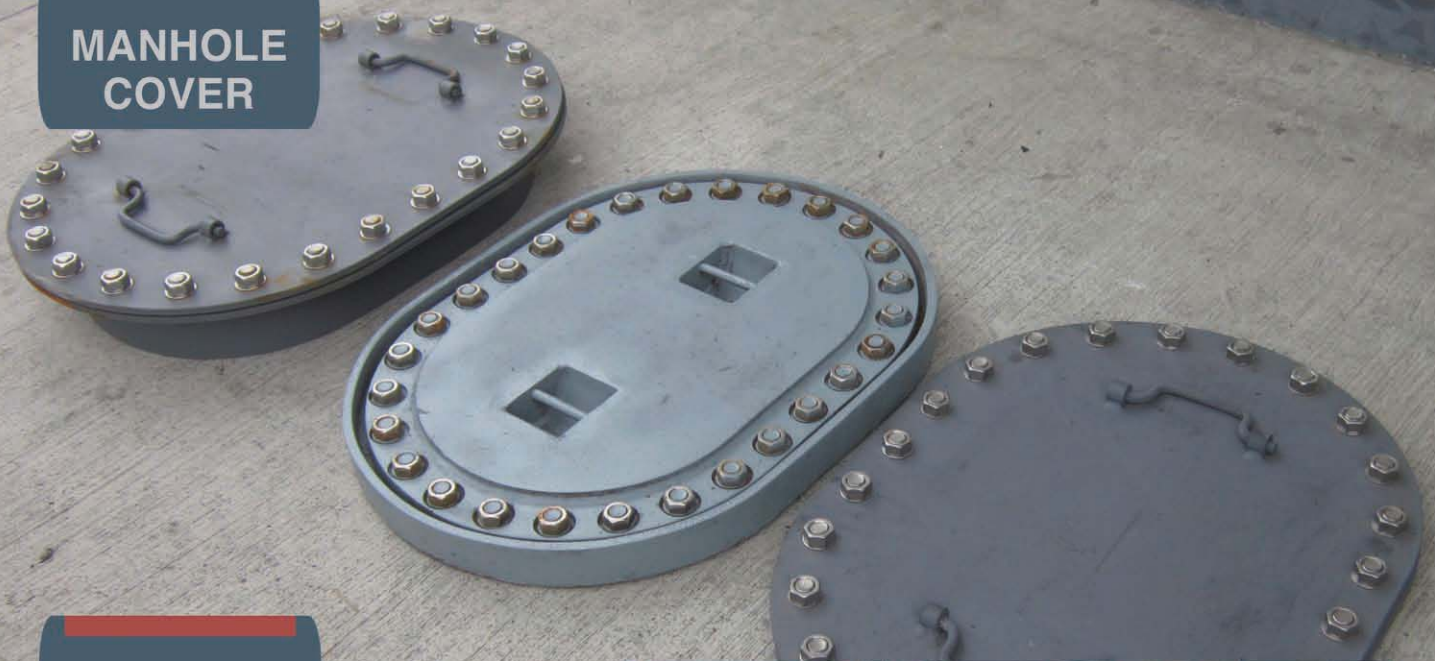


RIC MARINE YOUR ONE-STOP MARINE SUPPLY CENTRE

DECK OUTFIT EQUIPMENT



MANHOLE
COVER



HATCH
COVER

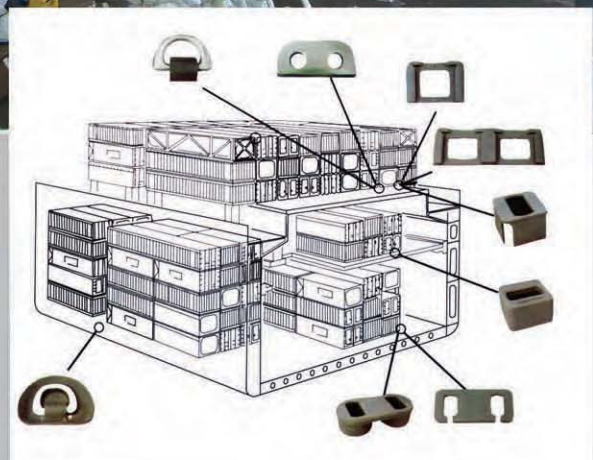
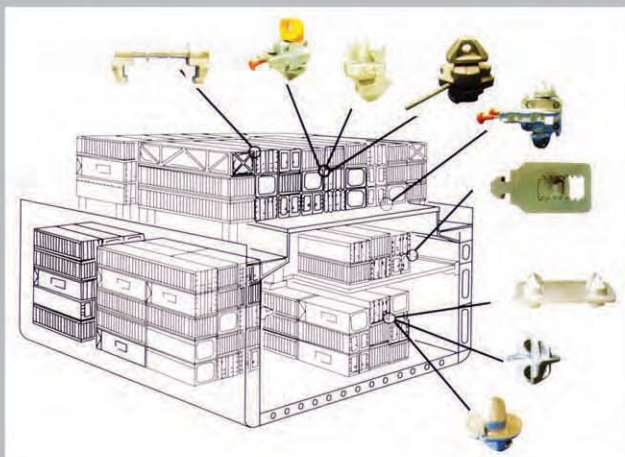
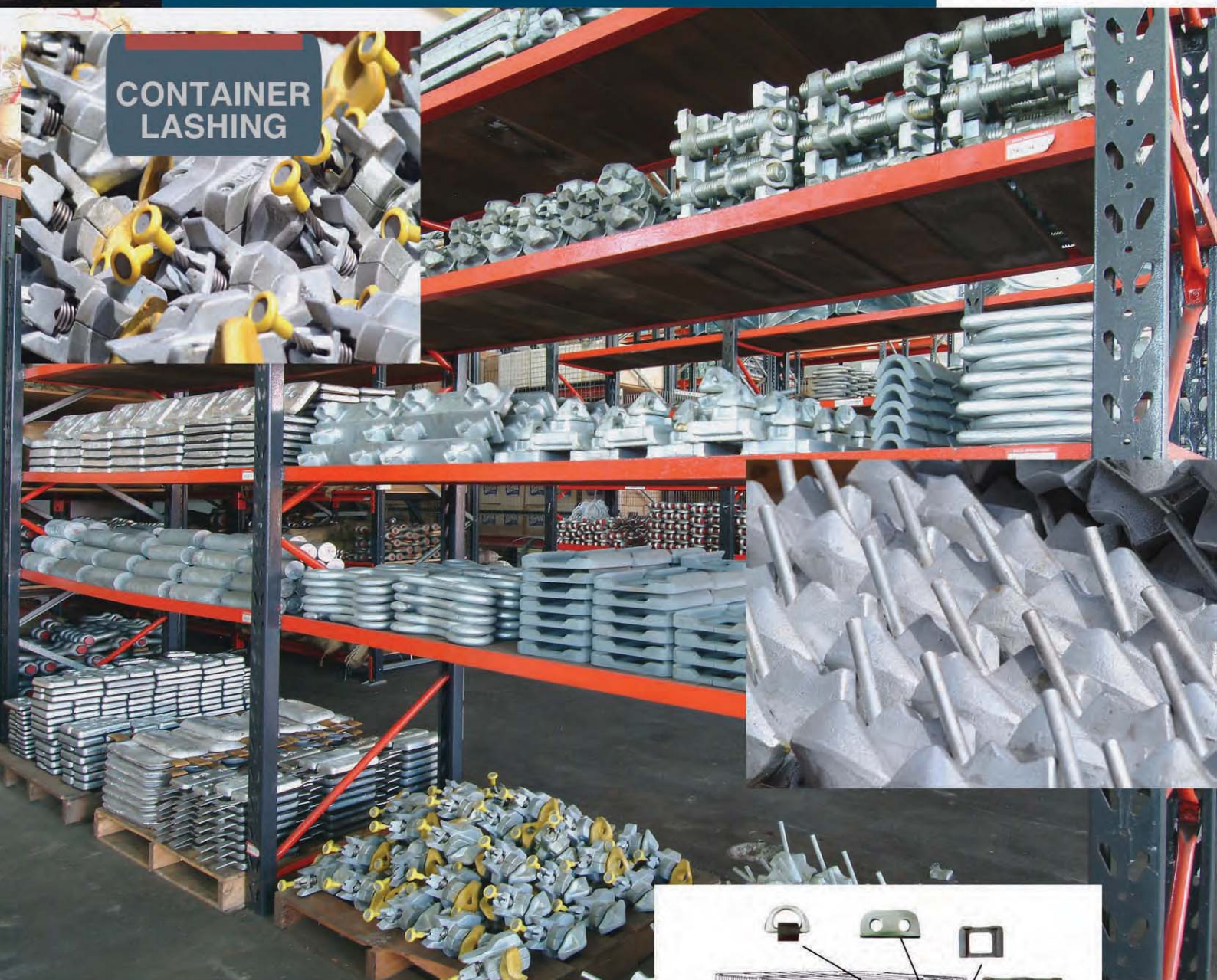


RIC MARINE YOUR ONE-STOP MARINE SUPPLY CENTRE

DECK OUTFIT EQUIPMENT



CONTAINER LASHING



RIC MARINE YOUR ONE-STOP MARINE SUPPLY CENTRE

DECK MACHINERY



PROPELLER & SHAFT



RUDDER & RUDDER STOCK



RIC MARINE YOUR ONE-STOP MARINE SUPPLY CENTRE

DECK MACHINERY



WINDLASS & WINCH





RIC MARINE YOUR ONE-STOP MARINE SUPPLY CENTRE



DECK MACHINERY



CRANE



LIFE SAFETY EQUIPMENT



LIFEBOAT



RESCUE BOAT



- Totally Enclosed / Open Type Lifeboat
- Inflated / Rigid Rescue Boat
- Fast Rescue Boat (FRC)

LIFE SAFETY EQUIPMENT



LIFEBOAT DAVIT



RESCUE BOAT DAVIT



- Free Fall Lifeboat Davit
- Single Arm Rescue Boat Davit

- Gravity Type Lifeboat Davit
- FRC Boat Davit

RIC MARINE YOUR ONE-STOP MARINE SUPPLY CENTRE

OFFSHORE EQUIPMENT



MOORING BUOY



CLUMP WEIGHT



CHAIN STOPPER

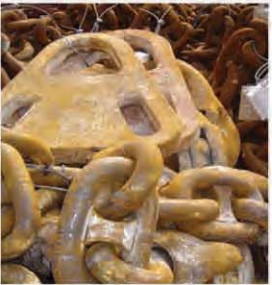




OFFSHORE EQUIPMENT

OFFSHORE MOORING CHAIN

PROOF AND BREAKING LOADS FOR ANCHOR CHAIN AND OFFSHORE MOORING CHAIN



Diameter of Chain d		Anchor Chain for Vessel				Offshore Mooring Chain												Approx. Mass (Weight)	
		Grade 2		Grade 3		ORQ		R3		NVR3		R3S		R4					
		PL	BL	PL	BL	PL	BL	PL	BL	PL	BL	PL	BL	PL	BL				
c-factor		0.0098	0.0137	0.0137	0.0196	0.0014	0.0211	0.0148	0.0223	0.0156	0.0223	0.018	0.0174	0.0249	0.0216	0.0192	0.0274		
Type		Stud Link Anchor Chain										Stud	Stud-less	Stud	Stud	Stud-less	Stud	Stud	Stud-less
Inch	mm	KN	KN	KN	KN		KN	KN	KN	KN	KN	KN	KN	KN	KN	KN	KN	Kg / m	
13/16	20.5	175	244	244	349	—	—	—	—	—	—	—	—	—	—	—	—	9	—
7/8	22	200	280	280	401	—	—	—	—	—	—	—	—	—	—	—	—	11	—
15/16	24	237	332	332	476	—	—	—	—	—	—	—	—	—	—	—	—	13	—
1	26	278	389	389	556	—	—	—	—	—	—	—	—	—	—	—	—	15	—
1-1/8	28	321	449	449	642	—	—	—	—	—	—	—	—	—	—	—	—	17	—
1-3/16	30	368	514	514	735	—	—	—	—	—	—	—	—	—	—	—	—	20	—
1-1/4	32	417	583	583	833	—	—	—	—	—	—	—	—	—	—	—	—	22	—
1-5/16	34	468	655	655	937	—	—	—	—	—	—	—	—	—	—	—	—	25	—
1-7/16	36	523	732	732	1050	—	—	—	—	—	—	—	—	—	—	—	—	28	—
1-1/2	38	581	812	812	1160	—	—	—	—	—	—	—	—	—	—	—	—	32	—
1-9/16	40	640	896	896	1280	—	—	—	—	—	—	—	—	—	—	—	—	35	—
1-5/8	42	703	981	981	1400	—	—	—	—	—	—	—	—	—	—	—	—	39	—
1-3/4	44	769	1080	1080	1540	—	—	—	—	—	—	—	—	—	—	—	—	42	—
1-13/16	46	837	1170	1170	1680	—	—	—	—	—	—	—	—	—	—	—	—	46	—
1-7/8	48	908	1270	1270	1810	—	—	—	—	—	—	—	—	—	—	—	—	50	—
3	50	980	1370	1370	1960	1400	2110	1480	2230	1560	2230	1800	1740	2490	2160	1920	2740	55	50
2-1/16	52	1056	1476	1476	2111	1508	2273	1594	2402	1681	2402	1939	1874	2682	2327	2068	2952	59	54
2-1/8	54	1134	1585	1585	2268	1620	2441	1712	2580	1805	2580	2083	2013	2881	2499	2222	3170	64	58
2-3/16	56	1215	1698	1698	2429	1735	2615	1834	2764	1933	2764	2231	2156	3086	2677	2380	3396	69	63
2-5/16	58	1298	1814	1814	2595	1854	2794	1960	2953	2066	2953	2383	2304	3297	2860	2542	3628	74	67
2-3/8	60	1383	1933	1933	2766	1976	2978	2089	3147	2201	3147	2540	2455	3514	3048	2710	3867	79	72
2-7/16	62	1471	2056	2056	2941	2101	3166	2221	3347	2341	3347	2701	2611	3737	3242	2881	4112	84	77
2-1/2	64	1561	2182	2182	3121	2230	3360	2357	3551	2484	3551	2867	2771	3965	3440	3058	4364	90	82
2-5/8	66	1653	2311	2311	3306	2361	3559	2496	3761	2631	3761	3036	2935	4200	3643	3238	4621	95	87
2-11/16	68	1747	2443	2443	3495	2496	3762	2639	3976	2782	3976	3209	3102	4440	3851	3423	4885	101	92
2-3/4	70	1844	2578	2578	3688	2634	3970	2785	4196	2935	4196	3387	3274	4685	4064	3613	5156	107	98
2-7/8	73	1993	2786	2786	3986	2847	4291	3010	4553	3172	4535	3660	3538	5064	4392	3904	5572	117	107
3	76	2146	3001	3001	4293	3066	4621	3242	4884	3417	4884	3942	3811	5454	4731	4205	6001	126	116
3-1/16	78	2251	3147	3147	4503	3216	4847	3400	5123	3584	5123	4135	3997	5720	4962	4411	6295	133	122
3-3/16	81	2412	3373	3373	4825	3446	5194	3643	5490	3840	5490	4431	4283	6130	5317	4726	6745	144	131
3-5/16	84	2578	3604	3604	5156	3683	5550	3893	5866	4104	5866	4735	4577	6550	5682	5051	7208	155	141
3-7/16	87	2747	3841	3841	5495	3925	5916	4149	6252	4374	6252	5046	4878	6981	6056	5383	7682	166	151
3-9/16	90	2921	4084	4084	5842	4173	6289	4412	6647	4650	6647	5365	5187	7422	6439	5723	8167	177	162
3-5/8	92	3039	4249	4249	6078	4342	6544	4590	6916	4838	6916	5582	5396	7722	6699	5954	8497	185	169
3-3/4	95	3219	4501	4501	6439	4599	6932	4862	7326	5125	7326	5913	5716	8180	7096	6307	9001	198	181
3-13/16	97	3342	4671	4671	6683	4774	7195	5047	7604	5319	7604	6138	5933	8490	7365	6547	9343	206	188
3-15/16	100	3528	4932	4932	7056	5040	7596	5328	8028	5616	8028	6480	6264	8964	7776	6912	9864	219	200
4	102	3654	5108	5108	7308	5220	7868	5519	8315	5817	8315	6712	6488	9285	8054	7159	10217	228	208
4-1/8	105	3846	5377	5377	7693	5495	8282	5809	8753	6123	8753	7065	6829	9773	8478	7536	10754	241	221
4-3/16	107	3976	5559	5559	7953	5681	8561	6005	9048	6330	9048	7304	7060	10103	8764	7790	11118	251	229
4-3/8	111	4241	5928	5928	8481	6058	9130	6404	9650	6750	9650	7789	7529	10775	9347	8308	11856	270	246
4-1/2	114	4442	6210	6210	8885	6346	9565	6709	10109	7071	10109	8159	7887	11287	9791	8703	12420	285	260
4-5/8	117	4647	6496	6496	9294	6639	10005	7018	10574	7397	10574	8535	8251	11807	10242	9104	12993	300	274
4-3/4	120	4855	6786	6786	9709	6935	10452	7331	11047	7728	11047	8916	8619	12334	10700	9511	13573	315	288
4-13/16	122	4994	6982	6987	9989	7135	10753	7542	11365	7950	11365	9173	8868	12690	11008	9785	13964	326	298
4-7/8	124	5135	7179	7179	10271	7336	11057	7755	11686	8175	11686	9432	9118	13048	11319	10061	14358	337	308
5	127	5349	7478	7478	10698	7641	11516	8078	12171	8515	12171	9824	9497	13591	11789	10479	14955	353	323
5-1/8	130	5565	7779	7774	11130	7950	11981	8404	12663	8858	12663	10221	9880	14139	12265	10903	15559	370	338
5-13/16	132	5710	7982	7982	11420	8157	12294	8623	12993	9089	12993	10488	10138	14508	12585	11187	15965	382	348
5-3/8	137	6077	8496	8496	12155	8682	13085	9178	13829	9674	13829	11162	10790	15441	13395	11906	16992	411	375
5-9/16	142	6450	9017	9017	12900	9214	13887	9741	14677	10267	14677	11847	11452	16388	14216	12637	18033	442	403
5-3/4	147	6827	9544	9544	13655	9753	14700	10311	15536	10868	15536	12540	12122	17347	15048	13376	19089	473	432
6	152	7209	10078	10078	14418	10299	15522	10887	16405	11476	16405	13241	12800	18317	15890	14124	20156	506	462
6-3/16	157	7595	10617	10617	15189	10850	16352	11469	17282	12089	17282	13949	13484	19297	16739	14879	21234	540	493
6-3/4	162	7983	11160	11160	15966	11405	17188	12056	18166	12708	18166	14663	14174	20284	17596	15641	22320	575	525

PL = Proof Test Load / BL = Break Test Load

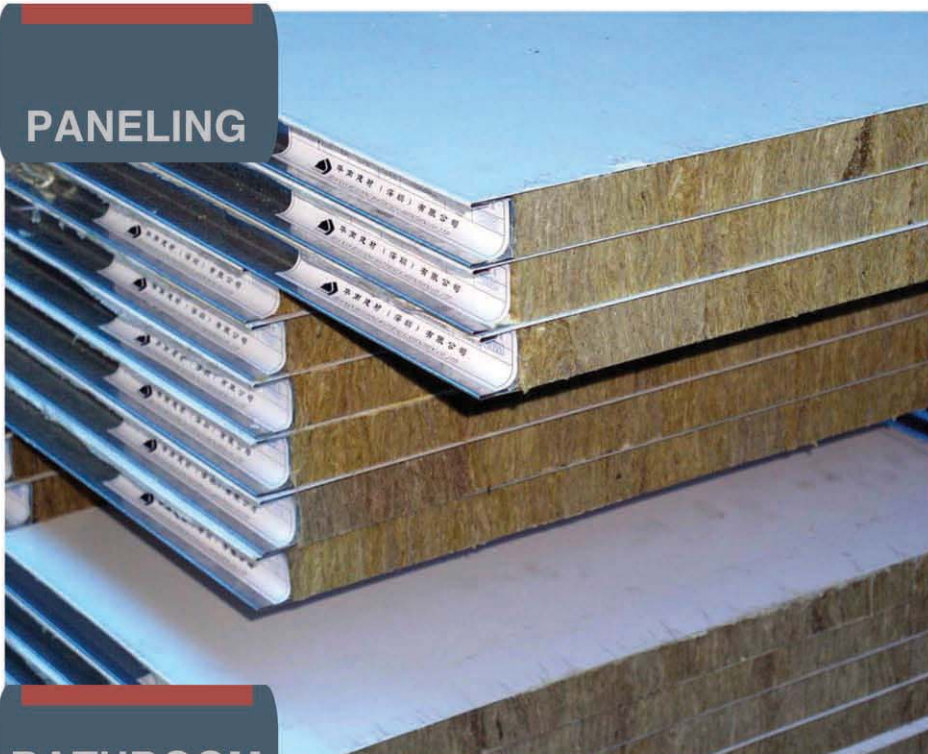
LOAD (in KN) = $c \times d^2 \times (44 - 0.08 \times d)$ (d in mm); MASS 9 (in kg/m) = $0.0219 \times d^2$ (d in mm)

RIC MARINE YOUR ONE-STOP MARINE SUPPLY CENTRE

SHIP INTERIOR EQUIPMENT



PANELING



BATHROOM UNIT



- Rock Wool
- Wall / Ceiling Insulation Panel
- Bathroom Unit

Marine Equipment Distribute & Stock List



Deck Mooring Equipment

Anchor, Stud Link Anchor Chain, Studless Link Anchor Chain
Deck Fittings: Mooring Pipe, Panama Chock, Bollard, Fairlead Roller, Cross Bitts
Chain Stopper, Devil's Claw
Synthetic Rope: PP, PP/PE Mixed, Nylon, Manila, Mooring Tail
Mooring Wire: Gal / Un-Gal steel wire rope, Stainless Steel Wire rope
Container Lashing: Twist lock, Turnbuckle, Lashing Bar



Deck Outfit Equipment

Marine Door: Weather-tight, Watertight, Fire rated, Hydraulic Sliding
Marine Window: Welded Type, Bolt & Nut Type, Fire Rated, With Heating Element
Side Scuttle (Port Hole)
Skylight;
Hatch Cover, Manhole Cover
Accommodation Ladder, Embarkation Ladder, Pilot Ladder, Gangway
Air Vent Head
Zinc / Aluminum Anode, ICCP System, MGPS System
Rubber Fender: D type, Round type, W type, Cylindrical Type, Wharf Fender
Pneumatic / Foam Filled Rubber Fender



Deck Machinery & Propulsion

Windlass, Winch, Capstan: Manual, Electric type, Hydro-electric type
Cargo/Fuel Hose handling Crane, Provision Crane, Engine Room Crane
Rudder, Rudder Stock
Propeller Shaft assembly, Stern Tube, Shaft Boss
Steering Gear
Oily Water Separator, Sewage Plant
Boiler, Water Heater
Incinerator



Life Safety Equipment

Total Enclosed Life Boat, Free Fall Lifeboat
Rescue Boat, Fast Rescue Boat (FRC), MOB Boat, Work Boat,
Life Boat Davit: Gravity Type, Free Fall Lifeboat Davit, Platform Life Boat Davit,
Life Raft, Life Buoy, Life Jacket
Life Jacket Light, Life Saving Accessories



Offshore Equipment

Drag Anchor
Offshore Mooring Chain: R3, R3S, R4 Grade
Mooring Buoy: Foam filled, steel type
Clump Weight
Major Casting & Forging Items According to Customer Design



Other Equipment

Cable Ladder, Cable Tray
Rock Wool, Paneling
Bathroom Unit
Rigging Hardware: Shackle, Turnbuckle



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