



SANMAR CHAIN INTERNATIONAL PTE LTD

Registered in Singapore with Regional Offices around the world:

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OFFSHORE MOORING CHAINS REFERENCE LIST

Customer:	Location:	Size:	Material Grade:	Chain Type:	Classification Society:	Quantity (tonnes):	Application:	Project (if known):	Year(s) of Supply:	Manufacturer:
Oil & Natural Gas Corporation Ltd (ONGC)	India	3"	U3	Stud Link	LROS	5	Moorings Chains	Bombay High Field	2000	Zheng Mao
AGIP Oil Co	Nigeria	3"	ORQ	Stud Link	LROS	1	Chafe Chains	Brass River/Bellatrix	2000	Zheng Mao
Indian Oil Co	India	3"	R3	Stud Link	GL	12	Chafe Chains	Vadinar Terminal	2000 + 2002	Zheng Mao
Arabian Oil Co/Aramco Gulf Operations Co	Saudi Arabia	95mm	U3	Stud Link	LROS	11	CALM Buoy	Ras al Khafji Terminal	2000 + 2001	Zheng Mao
Enron Oil & Gas	India	4.3/8"	U3	Stud Link	LROS	45	CALM Buoy	Panna/Mukta Offshore Fields	2001	Zheng Mao
Bluewater	Thailand	90mm	RQ4	Studless	ABS	720	CALM Buoy/FSO Option	Unocal Big Oil Field	2001	Zheng Mao
Oil & Natural Gas Corporation (ONGC)	India	3"	R3	Stud Link	LROS	10	Chafe Chains	Bombay High Field	2001 + 2002	Zheng Mao
Oil & Natural Gas Corporation Ltd (ONGC)	India	64mm	API	Stud Link	ABS	4	Towing Offshore Rigs	Bombay High Field	2001	Zheng Mao
Enron Oil & Gas India Ltd (EOGIL)	India	76mm	U3	Stud Link	LROS	3	Chafe Chains	SPM at PPA	2001	Zheng Mao
Enron Oil & Gas India Ltd (EOGIL)	India	76mm	U3	Stud Link	LROS	3	Chafe Chains	SPM at PPA	2001	Zheng Mao
Enron Oil & Gas India Ltd (EOGIL)	India	76mm	U3	Stud Link	LROS	3	Chafe Chains	SPM at PPA	2001	Zheng Mao
Statia Terminals	Netherlands Antilles	3"	ORQ	Stud Link	LROS	20	Chafe Chains	St. Eustatius Terminal	2001/2/4/5/6	Zheng Mao
Quintas & Quintas	Kuwait	3"	R4	Stud Link	ABS	4	Chafe Chains	Saudi Texaco	2001 + 2002	Zheng Mao
Quintas & Quintas	Nigeria	3"	R3	Stud Link	ABS	3	Chafe Chains	Jamestown FPSO	2001	Zheng Mao
J. Ray McDermott Engineering	USA	5.3/4"	RQ4	Studless	ABS	1,400	Spar Platform	Dominion Devils Tower	2002	Zheng Mao
Santa Fe Drilling Co	USA	3"	ORQ	Stud Link	ABS	20	Towing Chains	Jack-Up Drilling Rigs	2002 + 2003	Zheng Mao
SBM Imodco Inc	USA	3" + 3.1/2"	R3	Studless	ABS	250	CALM Buoy	CPC/CHQCEC - Sri Lanka	2002	Zheng Mao
FMC - SOFEC	Ecuador	3.3/16" + 3.7/8"	U3	Stud Link	ABS	780	2 x CALM Buoys	OCF Techint	2002	Zheng Mao
Quintas & Quintas	West Africa	3"	R4	Stud Link	ABS	4	Chafe Chains	Exxon A FPSO	2002	Zheng Mao
Quintas & Quintas	Brazil	3" + 3.3/4"	R4	Stud Link	ABS	3	Chafe Chains	FPSO Brazil	2002	Zheng Mao
Quintas & Quintas	Argentina	3"	R4	Stud Link	ABS	2	Chafe Chains	Pan American Energy	2002	Zheng Mao
Quintas & Quintas	Libya	3"	R4	Stud Link	ABS	3	Chafe Chains	Exmar - Doris FPSO	2002	Zheng Mao
Oil & Natural Gas Corporation Ltd (ONGC)	India	3 1/4"	U3	Stud Link	ABS	5	Moorings Chains	Bombay High Field	2002	Zheng Mao
Indian Oil Corporation Ltd (IOCL)	India	76mm	U3	Stud Link	ABS	4	Moorings Chains	SMPL Vadinar	2002	Zheng Mao
Indian Oil Corporation Ltd (IOCL)	India	3 3/4"	U3	Stud Link	ABS	4	Anchor Chains	Single point Mooring System	2002	Zheng Mao
BG Exploration & Production India Ltd	India	76mm	U3	Stud Link	LROS	3	Chafe Chains	SPM at Panna Process Platform	2002	Zheng Mao
BG Exploration & Production India Ltd	India	76mm	U3	Stud Link	LROS	3	Chafe Chains	SPM at Panna Procees Platform	2002	Zheng Mao
Quintas & Quintas	West Africa	3"	R4	Stud Link	ABS	5	Chafe Chains	FPSO Atlantic + Eagle	2002	Zheng Mao
SBM/Saipem	Nigeria	95mm	R3S	Studless	ABS	1,630	Moorings Chains	FPSO Mystras	2003	Zheng Mao
SBM Imodco	Malaysia	95mm	R3S	Studless	ABS	1,000	Moorings Chains	FPSO MISC	2003	Zheng Mao
SBM Monaco	Yemen	114mm	R3S	Stud Link	ABS	625	CALM Buoy	Canadian Nexen	2003	Zheng Mao
J. Ray McDermott Engineering	USA	5.3/4"	RQ4	Studless	ABS	40	Spar Platform	Dominion Devils Tower	2003	Zheng Mao
SBM Imodco	Thailand	90mm	RQ4	Studless	ABS	360	FSO	Unocal Big Oil	2003	Zheng Mao
Oil & Natural Gas Corporation Ltd (ONGC)	India	3 1/4"	U3	Stud Link	ABS	10	Moorings Chains	Bombay High Field	2003	Zheng Mao
Oil & Natural Gas Corporation Ltd (ONGC)	India	3 1/4"	U3	Stud Link	ABS	12	Moorings Chains	Bombay High Field	2003	Zheng Mao
SBM Imodco	India	76mm	R4	Stud Link	ABS	10	CALM Buoy	Caim Energy - Ravva	2003	Zheng Mao
Bluewater	Libya	81mm	R3S	Studless	LROS	250	CALM Buoy	AGIP - Wafa Plant	2004	Zheng Mao
Bluewater	Malta	92mm	R4	Studless	LROS	25	CALM Buoy	Stock Buoy	2004	Zheng Mao
Larsen & Toubro	India	90mm	U3	Stud Link	ABS	450	CALM Buoy	ONGC N9/N10	2004	Zheng Mao
SBM Imodco	Nigeria	87/102/114mm	RQ3	Stud/Studless	ABS	660	Moorings Chains	FSO Yoho	2004	Zheng Mao
Bluewater	Trinidad	76mm	R3S	Studless	LROS	227	Anchor Chains	BHP Angostura CALM	2004	Zheng Mao
Petrobras	Brazil	114mm	R4	Studless	ABS	375	FPSO	Petrobras P50	2004	Zheng Mao
FMC - SOFEC	Australia	118mm	No Grade	Studless	N/A	480	Weight Chain	SANTOS FPSO	2004	Zheng Mao
SBM Imodco	India	95mm	R3	Studless	ABS	370	CALM Buoy	Adani Port, Mundra	2004	Zheng Mao
SBM Imodco	India	80mm	R3S	Studless	ABS	425	CALM Buoy	ONGC/EIL D1	2004	Zheng Mao
SBM Monaco	India	102/122mm	R4/R3S	Studless	ABS	440	CALM Buoy	IOCL Paradip	2005	Zheng Mao
SBM Monaco	Ghana	76/89mm	R3/R3S	Stud Link	ABS	395	CALM Buoy + CBM	TEMA Oil Refinery	2005	Zheng Mao
Craig Group International Mooring Systems	Angola	76mm	R4	Stud Link	DNV	1820	Preset MODU Moorings	Chevron/Texaco - Intermoor	2005	Zheng Mao
Craig Group International Mooring Systems	UK	76mm	R4	Stud Link	DNV	400	MODU	Stock	2005	Zheng Mao
SBM Monaco	Turkmenistan	76mm	R3	Studless	ABS	445	Turret FSO	EWT Turkmenistan	2005	Zheng Mao
Bluewater	Sudan	87mm	R3S	Studless	ABS	545	CALM Buoy	Melut	2005	Zheng Mao
Bluewater	Indonesia	76mm	R3S	Studless	ABS	310	CALM Buoy	Tuban	2005	Zheng Mao
Bluewater	Nigeria	95/81mm	R3S	Studless	ABS	490	CALM Buoy	BTIP Offshore Facilities	2005	Zheng Mao
Craig Group International Mooring Systems	UK	76mm	R4	Stud Link	DNV	585	MODU	Shell UK	2005	Zheng Mao
Craig Group International Mooring Systems	Singapore	76mm	R4	Stud Link	DNV	260	MODU	Preset Moorings	2005	Zheng Mao
Craig Group International Mooring Systems	UK	92mm	R4	Stud Link	DNV	200	MODU	Balmoral Field	2005	Zheng Mao
SBM Imodco	Chile	84mm	R4	Studless	ABS	350	CALM Buoy	ENAP Terminal	2005	Zheng Mao
FMC - SOFEC	Vietnam	89/102/152mm	R4/No Grade	Studless/SLAC	ABS	1900	FPSO	Rong Doi	2006	Zheng Mao
Amerada Hess	Equatorial Guinea	76mm	R3	Studless	ABS	1200	TAD Operations	Okume/Oveng	2006	Zheng Mao
SBM Imodco	Indonesia	95mm	R4	Studless	ABS	825	FSO/CALM Buoy	ConocoPhillips Belanak	2006	Zheng Mao
FSTP Brazil	Brazil	95mm	R3 + R4	Studless	DNV	1200	FPU	P-51 Platform Chain	2006	Zheng Mao
Bluewater	Malaysia	97mm	R3S	Studless	ABS	765	FSO	Abu Cluster	2006	Zheng Mao
Transocean	Norway	84mm	R4	Stud Link	DNV	110	MODU	Leader	2006	Asian Star
FMC - SOFEC	Australia	76/146mm	R3	Studless	ABS	880	FPSO	BHP Billiton Stybarrow	2006	Zheng Mao
Craig Group International Mooring Systems	UK	76mm	R4	Stud Link	DNV	390	MODU	Prosafte	2006	Zheng Mao
Erling Haug	Norway	68mm	R3	Stud Link	DNV	170	Special Mooring	Shell Draugen	2005 + 2006	Asian Star
Bluewater	Qatar	81mm	R3S	Studless	ABS	570	CALM Buoy	Qatargas	2006	Asian Star
Bluewater	UK	120mm	R3S	Studless	DNV	1900	FPSO	Aoka Mizu/Etrick Field	2007	Asian Star
Manson Construction	USA	114mm	R4	Studless	ABS	1400	MODU	Boeing Adak Mooring	2007	Asian Star
Transocean	Norway	76mm	R4	Stud Link	DNV	700	MODU	Searcher	2007	Asian Star
SBM Monaco	Vietnam	107/89mm	R3/R3S	Studless	ABS	1135	CALM Buoy	Dung Quat	2007	Asian Star
Saipem	Angola	107mm	R4	Studless	ABS	1440	FPSO	Gimboa	2007	Zheng Mao
SOFEC	Vietnam	95/89mm	R3	Studless	ABS	1100	FPSO	Rang Dong	2007	Zheng Mao
Helix Energy Solutions	USA	38mm	R3	Studless	ABS	215	FPU	Producer 1	2007	Asian Star
						32,419				