

REFERENCE LIST

Shaft Power Meter / Ship Performance Monitoring System

AUG. 2017

<u>Customer</u> <u>/ Ship Owner</u>	<u>Ship</u> <u>Type</u>	<u>Hull No.</u> <u>/Ship Name</u>	<u>Year</u> <u>(Order)</u>	<u>Year</u> <u>(Delivery)</u>	<u>Remark</u>	<u>IMO No.</u>
Hanjin Shipping	135K Bulk	HJRB	2012	2012	SPM	9582465
Hanjin Shipping	149K Bulk	HJAM	2012	2012	SPM	9200677
Hanjin Shipping	149K Bulk	HJHA	2012	2012	SPM	9502958
Hanjin Shipping	149K Bulk	HJCH	2012	2012	SPM	9719874
Hanjin Shipping	149K Bulk	HJIN	2012	2012	SPM	9039195
Hanjin Shipping	151K Bulk	HJCT	2012	2012	SPM	9054224
Hanjin Shipping	151K Bulk	HJFR	2012	2012	SPM	9502958
Hanjin Shipping	151K Bulk	HJEM	2012	2012	SPM	9019729
Hanjin Shipping	180K Bulk	HJPH	2012	2012	SPM	9454527
Hanjin Shipping	149K Bulk	HJOR	2012	2012	SPM	9141326
Hanjin Shipping	149K Bulk	HJRC	2012	2012	SPM	9141338
Hanjin Shipping	8,600 TEU CON	HJRD	2012	2012	SPM	9461489
Hanjin Shipping	8,600 TEU CON	HJNW	2012	2012	SPM	9461506
Hanjin Shipping	8,600 TEU CON	HJHG	2012	2012	SPM	9582453
Hanjin Shipping	8,600 TEU CON	HJST	2012	2012	SPM	9461477
Hanjin Shipping	8,600 TEU CON	HJLG	2012	2012	SPM	9461465
Samsung-Ningbo / Capital	50K Oil/Chem.	HN027	2013	2014	SPM	9700342
Samsung-Ningbo / Capital	50K Oil/Chem.	HN028	2013	2014	SPM	9700469
Samsung-Ningbo / Capital	50K Oil/Chem.	HN029	2013	2014	SPM	9700471
Samsung-Ningbo / Capital	50K Oil/Chem.	HN030	2013	2015	SPM	9700483
Samsung-Ningbo / Capital	50K Oil/Chem.	HN031	2013	2015	SPM	9700488
Samsung-Ningbo / Capital	50K Oil/Chem.	HN032	2013	2015	SPM	9700490
Samsung-Ningbo / Capital	50K Oil/Chem.	HN033	2013	2016	SPM	9724611
Samsung-Ningbo / Capital	50K Oil/Chem.	HN034	2013	2016	SPM	9724623
Samsung-Ningbo / Capital	50K Oil/Chem.	HN035	2015	2017	SPM	
Samsung-Ningbo / Capital	50K Oil/Chem.	HN036	2015	2017	SPM	
Samsung-Ningbo / Capital	50K Oil/Chem.	HN037	2015	2017	SPM	
Samsung-Ningbo / Capital	50K Oil/Chem.	HN038	2015	2017	SPM	

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HHIC / Hyundai Merchant Marine	150K Coal	N247	2013	2015	TPM	9703083
HHIC / Hyundai Merchant Marine	150K Coal	N248	2013	2015	TPM	9703095
HHIC / Hyundai Merchant Marine	150K Coal	N249	2013	2015	TPM	9703100
HHIC / Hyundai Merchant Marine	150K Coal	N250	2013	2016	TPM	9703112
HHIC / Hyundai Merchant Marine	150K Coal	N258	2015	2017	TPM	9722106
HHIC / Hyundai Merchant Marine	150K Coal	N259	2015	2017	TPM	9722118
HHIC / CINER	9,000 TEU CON	P130	2013	2014	TPM	9723241
HHIC / CINER	9,000 TEU CON	P131	2013	2014	TPM	9723253
HHIC / CINER	9,000 TEU CON	P132	2013	2015	TPM	9723265
HHIC / CINER	9,000 TEU CON	P133	2013	2015	TPM	9723277
SUNGDONG / REUBEN	82K Bulk	S1224	2014	2015	TPM	9730816
SUNGDONG / REUBEN	82K Bulk	S1225	2014	2015	TPM	9730828
SUNGDONG / REUBEN	82K Bulk	S1226	2014	2015	TPM	9730830
SUNGDONG / REUBEN	82K Bulk	S1227	2014	2015	TPM	9730842
SUNGDONG / REUBEN	82K Bulk	S1228	2014	2015	TPM	9743980
STX / SHELL	6.5K LNG Bunker	S4080	2015	2016	SPM	9765079
STX / SINOKOR	74K PC	1741	2015	2016	TPM	9772034
STX / SINOKOR	74K PC	1742	2015	2016	TPM	
STX / SINOKOR	74K PC	1743	2015	2016	TPM	
STX / SINOKOR	74K PC	1744	2015	2016	TPM	
SHI / CARDIFF	159K COT	2161	2015	2016	TPM	9776731
SHI / CARDIFF	159K COT	2162	2015	2017	TPM	9776743
SHI / CARDIFF	113K COT	2163	2015	2016	TPM	9776755
SHI / CARDIFF	113K COT	2164	2015	2017	TPM	9776767
SHI / CARDIFF	113K COT	2165	2015	2017	TPM	9777931
SHI / CARDIFF	113K COT	2166	2015	2018	TPM	9777943
SHI / SK SHIPPING	174K LNGC	2080	2015	2017	TPM	9693161
SHI / SK SHIPPING	174K LNGC	2081	2015	2017	TPM	9693173

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SHI / SK SHIPPING	174K LNGC	2153	2015	2017	TPM	9761803
SHI / SK SHIPPING	174K LNGC	2154	2015	2017	TPM	9761815
DAESUN / COSMO SHIP	1800 TEU CON	SB597	2015	2016	TPM	9772228
DAESUN / COSMO SHIP	1800 TEU CON	SB598	2015	2016	TPM	9772230
PAN OCEAN	176K Bulk	PAN CHAMPION	2015	2015	SPM	9509499
PAN OCEAN	83K Bulk	PAN GLOBAL	2015	2015	TPM	9625853
PAN OCEAN	176K Bulk	PAN ACACIA	2015	2015	SPM	9510515
PAN OCEAN	181K Bulk	PAN MARGARET	2015	2015	SPM	9545297
PAN OCEAN	181K Bulk	PAN SPIRIT	2015	2015	SPM	9487433
PAN OCEAN	181K Bulk	PAN HORIZON	2015	2015	TPM	9625865
PAN OCEAN		DELICATA	2015	2016	TPM	9613317
PAN OCEAN		BRASSIANA	2015	2016	TPM	9613290
PAN OCEAN		HALOPHYLA	2015	2015	TPM	9613329
PAN OCEAN		SEA TUBARAO	2015	2016	TPM	9575498
PAN OCEAN		PAN DREAM	2015	2016	TPM	9539195
PAN OCEAN		SEA FUJIYAMA	2015	2016	TPM	9575486
PAN OCEAN		CITRIODORA	2015	2016	TPM	9613305
PAN OCEAN		SEA ESPIRITO SANTO	2015	2016	TPM	9575462
PAN OCEAN		GRAND ACE5	2015	2016	TPM	9375317
PAN OCEAN		GRAND ACE10	2015	2016	TPM	9443877
PAN OCEAN		PAN QUEEN	2015	2016	TPM	9487419
PAN OCEAN		PAN RAPIDO	2015	2016	TPM	9487421
PAN OCEAN		PAN PRIDE	2015	2016	TPM	9487407
HHI / Petredec	79K LPG	2895	2015	2016	TPM	
HHI / Petredec	79K LPG	2896	2015	2016	TPM	
HHI / Petredec	79K LPG	2895 option	2015		TPM	
HHI / Petredec	79K LPG	2895 option	2015		TPM	
SHI / MBK	174K LNGC	2148	2015	2017	TPM	

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SHI / MBK	174K LNGC	2149	2015	2017	TPM	
SHI / MBK	174K LNGC	2150	2015	2017	TPM	
SHI / MBK	174K LNGC	2148s option	2015		TPM	
SHI / MBK	174K LNGC	2148s option	2015		TPM	
SHI / MBK	174K LNGC	2148s option	2015		TPM	
SHI / MBK	174K LNGC	2148s option	2015		TPM	
SHI / MBK	174K LNGC	2148s option	2015		TPM	
SHI / MBK	174K LNGC	2148s option	2015		TPM	
SHI / MBK	174K LNGC	2148s option	2015		TPM	
SHI / MBK	174K LNGC	2148s option	2015		TPM	
HHI / Hyundai GLOVIS	7.5K PCTC	S887	2015	2016	TPM	
HHI / Hyundai GLOVIS	7.5K PCTC	S888	2015	2017	TPM	
HHI / Hyundai GLOVIS	7.5K PCTC	S889	2015	2017	TPM	
HHI / Hyundai GLOVIS	7.5K PCTC	S890	2015	2017	TPM	
HHI / Hyundai GLOVIS	158K COT	S899	2015	2017	SPM	
HHI / Hyundai GLOVIS	158K COT	S900	2015	2017	SPM	
HHI / Polaris Shipping	325K VLOC	2745	2016	2016	TPM	9726803
DAESUN / TVL MARINE	1,800 TEU	SB605	2016	2017	TPM	
DAESUN / ARCH	1,800 TEU	SB606	2016	2017	TPM	
HHIC / KIMFT	5,200t Training Ship	S140	2016	2017	SPM	
HSHI / TBA	158K COT	S907	2016	2017	TPM	
HSHI / TBA	158K COT	S908	2016	2017	TPM	
HMD / Stealth Maritime Greece	22K LPGC	8184	2016	2017	TPM	9746671
HMD / Stealth Maritime Greece	22K LPGC	8185	2016	2017	TPM	
HMD / Stealth Maritime Greece	22K LPGC	8186	2016	2017	TPM	
HMD / Stealth Maritime Greece	22K LPGC	8187	2016	2017	TPM	
HHIC / KOREA NATIONAL UNIVERSITY 2K Training Ship		S144	2016	2017	TPM	
HHIC / KOREA NATIONAL UNIVERSITY 2K Training Ship		S145	2016	2017	TPM	

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HHIC / KOREA NATIONAL UNIVERSITY	2K Training Ship	S146	2016	2017	TPM	
HHIC / KOREA NATIONAL UNIVERSITY	2K Training Ship	S147	2016	2017	TPM	9807267
HHIC / KOREA NATIONAL UNIVERSITY	2K Training Ship	S148	2016	2017	TPM	9807279
HSHI	158K COT	S915	2016	2017	TPM	
HSHI	158K COT	S916	2016	2017	TPM	
HHI / Polaris Shipping	300K VLOC	2746	2017	2017	TPM	
HHI / SK E&S	180K LNGC	2937	2017	2017	TPM	
HHI / SK E&S	180K LNGC	2938	2017	2017	TPM	
			TOTAL	120	Ships	