

Marcon International, Inc.

NEWSLETTER

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\$20.00 U.S., Canada & Mexico: One Year
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The Seismic Market in Review

Historically, the seismic market has been a leading indicator of offshore drilling activity. In the last decade this has somewhat changed with the dawn of speculative data acquisition and maintenance of data libraries by seismic companies themselves. Rather than waiting for oil companies to order acquisition surveys, seismic operators have ventured ahead of the oil companies based on expectations of future exploration and production expenditures. This was in part the result primarily of seismic companies' access to speculative capital to finance the projects and an effort to utilize the growing number of vessels dedicated to the market. This has led to the oil companies being in a stronger position with regard to negotiating the purchase of data. The oil companies are in a stronger position both in the case of acquiring data which has already been processed and in the case of ordering new data acquisition due to the number of available vessels. Another factor working against seismic companies is the recent move by major oil companies to merge, thus making the sharing of existing data and new data acquisition more prevalent.

The success of the seismic market was less subject to the fluctuations in oil prices in past decades. When compared with other oil service sectors such as the supply boat and drill rig markets, seismic acquisition rates were not as volatile. This was due in part to oil companies always looking ahead to new projects even in down markets. In prior decades, oil companies had to anticipate and analyze the market better due to the lower amount and lower quality of seismic data available. In today's market, much more data is readily available from libraries which are kept by the seismic companies themselves. Since the oil companies know the information is available, they can wait to purchase the data until they see oil markets moving in the upward direction. This has been witnessed lately by an up swing in the sale of stored data in conjunction with the recently strong price resurgence in the oil markets. Contrary to past times, the latest upswing in oil prices has been slow to induce oil companies to hire more seismic vessels or order new surveys. The negative side of this situation for seismic companies is that the burden of financing the acquisition and storage of data has been shifted to them. In previous years, oil majors paid the bill for acquisition, then stored the information waiting for the market to justify further exploration and drilling. This shift was the result of seismic technology improving and the growth of seismic companies outpacing market demand for data. The downside was not seen in the seismic industry until oil prices declined substantially in 1998. During the first several years of

the 1990's, oil prices remained fairly stable with an average

price of roughly \$17 to \$20 per barrel and exploration and production were on the rise. Within the seismic industry, somewhere along that timeline, the amount of data needed exceeded the demand of the market, but this was not clearly evident until oil prices fell and drilling dramatically slowed.

With lower oil prices, the larger oil companies have also been on a merger spree. Now that one oil company has replaced two or three, the number of clients for the seismic companies has declined. This same merger spree has effected the supply boat and drill rig markets giving way to more sharing of chartered assets on multiple projects, thereby reducing overall costs. Although this practice creates higher overall efficiency in the oil sector, the efficiency comes at the cost of the vessel owners who see lower utilization of their equipment. The merger spree among oil companies, both large and small, has also weakened the longstanding ties between some vessel owners and their clients. With more individuals moving from company to company or being laid off following mergers, it has been more difficult to maintain or cultivate new relationships with oil company customers.

Although the seismic market is no longer the first oil service sector to rebound during oil price up swings, it nevertheless will recover given oil prices remain stable. Oil prices are now forecast by several organizations to remain in the mid-twenties per barrel during 2000 and into the foreseeable future. Recent price swings above the \$30 per barrel mark have been temporary and are thought to be unsustainable over the long-term. Overall, demand for oil is rising worldwide and OPEC has (for the past year) successfully controlled output. OPEC is now becoming slightly weaker as members are less agreeable on set production rates. The recent weakness in OPEC seems in direct correlation to the higher oil prices. OPEC was able to put forward a strong program of production limits during 1998 / 1999 when oil prices were at 30 year lows. Since prices have rebounded, member nations have less incentive to act collectively, but nonetheless have shown their collective ability to act forcibly if necessary to maintain reasonable prices.

Another positive factor for 3-D seismic is the growth in the natural gas market which benefits substantially from 3-D surveys. Also positive is the growth of 4-D seismic for mature fields which requires repeat vessel use. In general, the seismic

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Vessels for Sale and Charter Tug Boats

File	Dimensions	Machinery	HP	Built	Price	
> TG02033	35x10x5	1xGM6-71	165	-	20,000	
+ TG02450	49x15x6	1xGM8V71	230	79	105,000	
+ TG02451	48x15x-	1xGM8V71	230	-	Request	
> TG03457	58x18x-	1xBlackstone	340	72	Request	
★ TG03642	42x13x18	2xGM6-71	330	-	Request	
> TG03645	46x14x6	1xGM12V71	365	78	Request	
+ TG03648	48x15x-	1xGM8V71	365	-	105,000	
	TG04465	65x25x9	2xGM8V71	460	81	Request
	TG05006	49x17x7	2xGM8V71	460	71	250,000
> TG05014	61x17x7	1xGM16V71	475	44	170,000	
★ TG05055	54x17x7	1xCATD397	480	57	84,500	
> TG05447	48x15x7	1xCAT3412	540 K	79	Request	
> TG06061	61x26x9	2xCAT3406	600	96	Request	
+ TG06065	65x17x6	1xCATD379	565	41	132,500	
> TG06083	80x20x10	1xGM12V149	940	45	345,000	
> TG06351	51x16x-	2xScania	632	74	Request	
> TG06851	51x16x8	2xGM12V71	680	77	Request	
> TG07026	79x23x10	2xCummins	700	91	265,000	
★ TG07050	50x24x-	2xGM12V71	680	81	Request	
> TG07060	60x15x9	1xCAT	680	60	469,000	
> TG07078	76x22x10	2xCAT3408	800 K	96	485,000	
> TG07664	64x20x9	4xGM6-71	760	00	Request	
> TG08000	54x17x19	2xCAT3408	816	-	Charter	
> TG08014	61x17x7	2xGM12V71	680	43	Request	
> TG08016	61x17x8	2xGM12V71	680	43	Request	
★ TG08023	81x23x9	2xEMD8567	900	43	160,000	
★ TG08065	65x23x9	2xCATD353	850	69	390,000	
> TG08077	77x23x12	2xCAT3408	800	88	265,000	
> TG08084	82x21x-	1xMAK	800	65	Request	
+ TG08566	65x21x8	1xCATD398	850	65	210,000	
+ TG08567	65x21x8	1xCATD398	765	66	165,000	
+ TG09063	63x17x9	1xCATD398	850 K	41	150,000	
★ TG09065	65x22x8	2xGM12V71	680 K	83	660,000	
> TG09080	75x23x9	2xCAT3408	940 K	98	580,000	
> TG09086	85x20x10	1xB&W	880	56	210,000	
> TG09105	105x25x1	2xGM16V71	910 K	79	525,000	
	TG09159	59x20x7	2xGM16V71	910	58	475,000
> TG09467	67x23x9	2xCAT3408	340 K	99	Request	
> TG09599	99x25x-	1xDeutz	950	67	Request	
> TG09691	91x23x12	1xB&W	960 K	59	Request	
> TG09777	75x21x9	2xCAT	940 K	92	Request	
> TG10009	75X23X10	2xCAT3412	1000 K	91	340,000	
> TG10015	75x23x-	2xCAT3412	1000 K	91	340,000	
	TG10083	80x22x11	1xKalenberg	-	08	Request
> TG10090	75x23x12	2xCAT3412	1000	91	Request	

File	Dimensions	Machinery	HP	Built	Price	
> TG10099	100x25x14	1xDeutz	1000 K	60	Request	
> TG10105	104x28x14	1xSulzer	1000	44	210,000	
> TG10109	109x27x14	1xDeutz	1000 K	66	Request	
> TG11002	82x22x11	2xCATD379	1130	73	79,000	
> TG11007	82x22x11	2xCATD379	1130	76	105,000	
> TG11009	82x25x12	1xMWM	1100	69	Charter	
> TG11013	85x22x11	1xCATD399	1125 K	56	190,000	
> TG11075	76x24x9	2xCATD397	1000	61	420,000	
> TG11080	80x20x7	1xGM16V149	900	44	350,000	
> TG11081	85x22x11	1xCATD399	1125	95R	Request	
> TG11084	84x-x-	1xB&W	1160	51	175,000	
> TG11088	77x25x10	2xYanmar	1100	96	740,000	
> TG11106	106x28x15	1xEng. Elec.	1130	67	Request	
★ TG12002	101x24x12	2xE'prise	1200	39	105,000	
+ TG12003	97x25x14	1xEMD12567	1200	52	85,000	
★ TG12009	95x25x13	1xEMD12567	1200	39	79,000	
★ TG12060	60x24x10	2xGM16V92	1200	91	1,400,000	
+ TG12069	75x24x7	2xGM16V92	1200	80	790,000	
> TG12076	86x25x12	1xMWM	1250 K	70	Request	
> TG12084	81x25x12	2xCummins	1200 K	New	Quote	
> TG12099	92x26x13	1xMGO	1250 K	60	Request	
> TG12103	77x25x10	2xYanmar	1280	98	805,000	
> TG12113	77x25x10	2xYanmar	1280	98	805,000	
+ TG12115	107x27x14	1xF'banks	1200	54	60,000	
+ TG12117	107x27x14	1xCooper	1200	54	60,000	
> TG12118	77x25x10	2xYanmar	1280	96	775,000	
> TG12124	85x25x12	2xCummins	1200 K	New	Quote	
> TG12539	126x24x-	1xMirrlees	1250 K	75	Request	
> TG13024	85x24x11	2xVoith Schn.	1020	67	420,000	
+ TG13069	69x24x10	2xGM16V92	1200 K	79	895,000	
> TG13081	81x28x10	2xCAT3412	1341 K	99	Request	
> TG13082	82x25x11	2xCATD3412	1342	97	680,000	
> TG13087	85x25x12	1xDeutz	1320 K	69	Charter	
> TG13093	93x24x13	2xSACM	1350	73	Request	
> TG13098	95x25x-	2xLister	1320	60	Request	
★ TG13106	105x25x14	2xCleveland	1360	45	200,000	
	TG14081	72x25x10	2xGM12V149	1400	82	1,000,000
> TG14083	84x23x11	1xDeutz	1360	62	325,000	
+ TG15002	87x24x13	1xEMD12645	1500 K	43	350,000	
> TG15082	79x25x12	2xMitsubishi	1500	98	900,000	
+ TG15087	87x24x12	1xEMD12645	1300	43	200,000	
> TG15094	93x28x13	1xRuston	1500	-	Request	
> TG15102	98x27x13	1xFairbanks	1500 K	62	267,500	
> TG15107	100x26x-	1xRuston	1465	5	65	160,000
> TG16093	92x26x11	2xCummins	1600	95	500,000	
> TG16104	100x30x11	1xDeutz	1578 K	64	110,000	
	TG16107	105x27x14	2xEMD16278	1640	57	95,000
> TG16110	89x25x-	2xDeutz	1600 K	58	Request	
> TG16111	100x28x13	1xEMD	1600	61	270,000	
+ TG17007	100x25x15	2xCAT3512	1800	46	400,000	
> TG17111	86x25x-	1xDeutz	-	70	Request	
★ TG17112	106x27x13	1x-	1750	45	Request	

Details believed correct, not guaranteed. Offered subject to prior sale or

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Tug Boats Continued

File	Dimensions	Machinery	HP	Built	Price
> TG17118	128x22x15	1xEMD16567	1750	12	465,000
> TG17485	86x29x12	2xDeutz	1740 K	73	Request
> TG18008	95x24x11	2xGM16V149	1800	65	300,000
TG18090	90x26x13	2xCummins	2000	81	1,560,000
★ TG18094	89x25x12	1xEMD16567	1800	56	265,000
> TG18104	98x28x11	2xSulzer	1844	75	Request
> TG19060	60x22x10	2xCAT3508	1920 K	96	1,200,000
> TG19080	80x24x12	2xRuston	1900 K	88	Request
> TG19093	92x26x11	2xCummins	1600	95	500,000
+ TG20005	118x27x15	1xEMD16567	2000	63	Charter
> TG20096	96x28x15	2xStork	2000	82	Request
★ TG20101	125x28x17	1xE'prise	2000	57	575,000
> TG20102	102x29x-	1xDeutz	1972 K	71	Charter
> TG20111	101x29x15	1xDeutz	2000 K	67	Request
> TG20112	107x30x13	2xRuston	2024	66	Request
> TG20113	101x29x15	1xDeutz	2000 K	67	475,000
> TG20114	101x29x15	2xDeutz	2000 K	67	475,000
> TG20122	122x29x15	2xDeutz	2200 K	69	Request
★ TG20125	125x28x17	1xE'prise	2000	57	575,000
> TG20131	132x32x15	2xMirrlees	2096	63	Request
> TG20132	32x32x15	2xMirrlees	2096 K	63	Offer
> TG21002	116x29x13	1xMirrlees	1810 K	68	Request
> TG21069	70x25x-	2xCAT3508	2100 K	99	Request
> TG21072	72x24x12	2xCummins	2100 K	95	1,665,000
> TG21093	93x28x11	2xDaihatsu	2100	71	Request
+ TG21101	101x27x13	1xEMD12645	2150	55	525,000
TG22004	105x30x15	2xCATD399	2250	76	2,000,000
> TG22028	95x29x14	2xCAT3512	2200 K	75	Request
> TG22075	75x26x14	2xGM12V149	2200	78	950,000
> TG22088	81x24x7	2xNipatsu	2200 K	66	Request
> TG22099	99x27x13	2xOtsuka	2200	73	Request
> TG22112	110x32x16	2xCATD399	2250	70	Request
★ TG22121	121x32x17	1xEMD16645	2200	65	Offer
★ TG22122	121x32x17	1xEMD16645	2200	65	Request
★ TG22123	122x32x17	1xEMD16645	2200	65	Request
> TG22511	100x26x15	1xMWM	2250 K	74	Request
> TG23126	126x26x20	1xDeutz	2375 K	57	Request
> TG24003	95x28x13	2xYanmar	2400	96	Request
> TG24109	95x28x13	2xYanmar	2400	97	2,000,000
> TG24115	105x27x12	2xNiigata	2400	68	Request
> TG24116	88x27x12	2xFuji	2400	70	Request
TG24119	97x30x12	3xGM12V149	2400	84	Request
TG24120	105x31x15	2xYanmar	2400	94	Request
> TG25102	102x30x14	1xDeutz	2000 K	72	Request
> TG25118	117x26x8	4xGM16V71	2100 K	69	685,000
> TG25123	118x30x14	2xNiigata	2500 K	76	840,000
> TG25124	125x30x-	2xNiigata	2500 K	76	Request
★ TG25600	95x28x13	2xGM16V149	2560	75	Request
> TG26008	117x30x15	2xYanmar	2600 K	77	Request

File	Dimensions	Machinery	HP	Built	Price
> TG26098	98x29x-	2xRuston	2676	84	Request
+ TG26109	107x26x-	2xGM16V149	2560	54	950,000
> TG26127	128x29x-	1xRuston	2640 K	70	Request
+ TG27001	106x29x15	2xCAT3512	3000	67	Request
> TG27073	74x24x12	2xCAT3512	2718 K	95	Request
> TG27082	82x30x15	2xCAT3512	2720	97	Request
> TG27109	108x36x17	2xWartsila	2717	New	Request
> TG28076	77x26x12	2xGM16V149	2600 K	91	1,900,000
> TG28098	97x26x15	1xEMD16645	2800	80	1,050,000
> TG28105	104x32x16	2xMAK	2800	70	Request
> TG28129	128x33x16	2xRuston	2800	67	575,000
> TG29082	82x28x13	2xCAT3512	2890 K	98	2,600,000
> TG29113	113x35x16	2xMAN	2930 K	99	Charter
> TG29121	121x30x8	2xGM16	2880	59	92,500
+ TG30024	107x30x14	2xEMD12645	3000 K	63	2,285,000
> TG30082	82x28x15	2xCAT3512	3000	New	Request
> TG30083	82x28x13	-	3000 K	New	Request
TG30102	105x31x17	2xEMD12567	2800	75	Request
> TG30138	121x28x-	1xAlco	3000	-	600,000
> TG30141	124x32x16	2xMAN	3000	72	Request
> TG30148	104x32x14	2xCummins	3200 K	New	Quote
> TG30152	109x29x12	2xNiigata	3000	90	Request
> TG31102	102x29x-	2xNiigata	3100	91	Request
> TG31108	10x30x16	1xMirrlees	3180 K	76	Request
> TG32114	107x34x10	3xFiat	3720	74	Request
> TG32122	122x28x15	2xNiigata	3200 K	76	1,050,000
> TG32124	120x30x13	2xDaihatsu	3200	84	Request
> TG33001	120x32x-	2xRuston	3380 K	69	Request
> TG33089	88x30x13	2xDeutz	3358 Z	90	Request
> TG33130	130x31x-	2xFuji	3300	76	Request
> TG34105	98x31x1x2	2xDeutz	3400	97	Request
> TG34112	112x32x13	2xNiigata	3400	81	Request
> TG34113	98x31x12	2xDeutz	3400	99	Request
> TG34116	117x33x16	2xRuston	3380 K	69	Request
> TG34128	127x29x15	1xRuston	3400 K	71	Offer
> TG34129	127x29x15	1xRuston	3400 K	71	Request
> TG36096	96x29x-	2xCummins	3600	96	Request
+ TG36122	123x30x18	1xEMD20645	3600	43	Request
> TG36173	173x30x-	1xEMD20645	3600 K	52	Request
TG39009	133x32x17	2xEMD16645	3900	66	Request
TG39115	115x33x15	2xWichmann	3920 K	77	Request
TG39127	128X30X1	2xEMD16645	3900 K	76	Request
> TG39135	135x34x19	2xEnglish El.	3900	71	1,400,000
TG39143	143x33x16	2xEMD16567	3280	45	Request
> TG40004	121x35x16	2xYanmar	4000 K	96	Request
> TG40075	80x30x13	2xMitsubishi	3550 Z	98	Request
★ TG40086	90x41x16	3xCummins	4350	98	Request
TG40110	110x32x18	2xStork	3500	75	Request
> TG40118	118x39x18	2xYanmar	4000	00	Request
> TG40126	121x35x16	2xYanmar	4000	96	Request
> TG40130	111x35x16	2xWartsila	4000	98	1,900,000
> TG40136	136x36x17	2xAlco	4460	78	Request

Tug Boats Continued

File	Dimensions	Machinery	HP	Built	Price
> TG40137	98x32x18	2xCAT3516	4400 K	97	3,900,000
> TG40140	131x35x20	1xMAN	4000 K	76	Request
> TG40144	102x31x16	2xYanmar	4000 K	98	Charter
> TG40145	144x35x17	2xAllen	3852	72	Request
TG40146	146x33x17	2xEMD16645	3900 K	97R	Request
> TG40148	140x34x17	2xE'prise	4000	69	790,000
> TG40162	162x37x20	2xMAK	4000 K	71	Charter
> TG42001	105x33x-	2xWartsila	4200	96	Charter
> TG42104	105x31x17	2xWartsila	4200 Z	95	Request
> TG42106	100x33x16	2xCAT3516	4200	98	Request
TG43002	115x32x12	2xEMD12645	4300	70	Charter
TG44122	122x34x18	2xF'banks	4400	70	Request
> TG44135	136x34x17	2xAlco	4460 K	78	Request
> TG45178	178x40x21	2XMirrlees	4500	74	Request
+ TG45205	205x39x-	4xCATD399	4500	44	Offer
> TG46080	80x30x13	2xMTU	4660	New	Quote
> TG46119	119x37x19	2xRuston	4600	85	Request
TG46128	128x33x14	2xF'banks	4600	67	Request
> TG48113	113x34x19	2xALCO	4800	86	Request
> TG49116	116x35x17	2xCAT3606	4960	New	Quote
> TG50114	114x36x18	2x-	5000	00	Request
> TG50122	121x37x16	2xYanmar	5000 K	98	Request
TG50143	143x34x18	2xF'banks	4800	78R	Request
> TG50150	150x33x18	2xNordberg	5000	86R	Request
TG51090	90x41x16	3xCummins	5100 K	20	Request
> TG52120	121x31x14	3xYanmar	5200	83	Request
> TG52133	133x39x20	2xFuji	5200	77	Request
> TG53179	179x40x20	2xDeutz	5340	67	Request
> TG54123	123x36x18	2xWartsila	5400	87	Charter
> TG56132	132x37x19	2xDeutz	5600	74	Request
> TG56146	146x37x17	2xMWM	5600 K	74	Request
> TG56147	147x37x17	2xMWM	5600 K	74	Request
> TG56148	148x36x20	2xBergen	5600 K	73	Request
> TG56154	155x36x22	2xNohab	5600	70	Request
> TG57181	181x77x30	2xEMD16645	5750	75	3,100,000
> TG58155	156x39x18	2xEMD16645	5750 K	77	Request
> TG65151	150x36x22	2xPolar	6500 K	77	Charter
TG66110	110x41x16	3xWartsila	5100 K	87	Request
> TG66148	148x43x-	2xStork	6600	92	Request
> TG66230	230x38x19	2xDeutz	6600 K	63	Request
> TG70144	144x38x20	2xNohab	7072 K	-	1,820,000
> TG72008	154x40x18	2xB&W	7200 K	84	Request
> TG72154	154x40x21	2XMirrlees	7200 K	76	Request
TG80149	150x40x20	2xAlco	8000 K	88	Request
> TG80150	151x43x18	2xPielstick	8000	78	Request
> TG80152	146x35x16	2xMAK	8000	75	Request
> TG84154	155x41x20	2xMAK	8400 K	-	Request
> TG99005	180x48x17	2xWartsila	9000	77	Request
> TG99008	219x43x21	2xSACM	9600 K	78	Charter

File	Dimensions	Machinery	HP	Built	Price
> TG99012	321x52x-	2xPielstick	20800	79	Charter
> TG99015	335x52x21	2xB&W	13588	82	Charter
> TG99308	308x51x28	2xWartsila	14366 K	98	Charter
> TG99321	321x52x26	2xPielstick	23900	79	Charter

Push Boats

File	Dimensions	Machinery	HP	Built	Price
> TP00825	25x9x3	1xDAF	80	91	Request
TP01825	25x12x4	1xGM6-71	165	99	Request
TP02342	42x14x5	1xG8V71	230	69	Offer
+ TP03011	44x14x-	2xGM6-71	330	-	Request
TP03025	25x14x6	2xGM6-71	360	New	Quote
+ TP03312	38x12x-	2xGM6-71	330	87	40,000
+ TP03341	40x16x-	2xGM6-71	330	-	38,500
TP03647	48x16x7	2xGM6-71	360	76	Request
TP03648	48x16x7	2xGM6-71	330	76	265,000
+ TP04025	25x14x5	2xGM6-71	330	88	55,000
+ TP05026	50x17x6	2xGM8V71	460	70	205,000
TP05622	56x22x-	2xCATD343	760	66	105,000
> TP06445	46x18x8	2xGM8V92	600	74	345,000
TP06624	65x24x-	2xGM16V92	1200	81	660,000
+ TP06845	45x17x6	2xGM12V71	680	57	Request
TP06851	51x16x6	2xGM12V71	680	-	Request
TP07001	46x22x-	2xGM12V71	680	72	415,000
TP07058	50x15	2xJohn Deere	600	99	195,000
TP07248	49x21x8	3xGM8V71	720	66	370,000
+ TP07268	68x22x7	2xGM12V71	680	79	342,500
★ TP07610	100x24x5	2xCAT353	760	42	265,000
★ TP08062	60x24x-	2xGM12V71	680	80	660,000
TP08063	60x24x-	2xGM12V71	680	80	500,000
TP09080	80x35x7	1xEMD8645	900	75	157,500
TP09551	52x28x10	2xGM16V71	910	-	289,000
TP10061	61x22x-	2x-	1000	80	660,000
TP10062	61x22x-	2xCummins	1000	81	580,000
TP12000	60x20x-	3xCummins	1200	86	550,000
TP12061	60x24x-	2xGM16V92	1200	78	660,000
TP12062	60x24x-	2xCummins	1200	-	Request
TP12069	69x24x-	2xGM16V92	1200	80	660,000
TP12070	70x24x9	2xGM16V92	1200	81	660,000
TP12077	72x30x-	2xGM16V92	1200	96	1,255,000
TP12078	65x24x-	2xGM16V92	1200	81	660,000
TP16090	90x25x-	2xEMD8-567	1600	57	680,000
★ TP18028	75x28x-	2xGM16V149	1800	-	920,000
TP18070	70x28x-	2xGM16V149	1800	83	1,100,000
TP18080	80x30x10	2xGM16V149	1800	71	750,000
★ TP20143	143x29x9	2xEMD12567	2000	45	350,000
TP29000	132x34x-	2xEMD12567	2900	57	425,000
TP32176	176x36x-	2xEMD16567	3200	41	Request
TP37150	150x35x-	2xAlco	3720	49	265,000

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Deck Barges

File	Dimensions	Remarks	Built	Price
+ DB01510	15x10x7	Sectional	-	14,500
+ DB02004	20x10x7	Sectional	-	21,500
+ DB02014	20x10x7	Section	-	15,500
DB02021	20x8x2	Inland	New	Quote
DB03008	30x7x4	Sectional	-	Offer
+ DB04001	40x10x7	Sectional	-	34,500
★ DB04010	40x10x5	Sectional	-	Request
+ DB04011	40x10x7	Sectional	-	24,700
> DB04024	40x10x5	Sectional	-	13,200
★ DB04055	40x12x5	Sectional	New	Quote
★ DB04528	45x28x4	Inland	-	21,500
> DB04807	48x7x5	Sectional	-	7,500
+ DB04815	48x15x-	Inland	-	17,500
★ DB05655	56x55x8	Inland	-	Request
★ DB06030	60x30x7	Inland	-	Request
+ DB08134	81x34x9	Inland	-	Request
★ DB08536	85x36x8	Inland	66	85,000
DB09025	90x25x6	Inland Spud	-	Offer
★ DB09030	90x30x9	Inland - (4)	-	42,500
DB09045	90x45x7	Inland Spud	-	Request
> DB09432	94x33x13	Inland	69	125,000
+ DB09682	96x82x8	Inland	-	190,000
+ DB10046	100x45x8	Inland	-	90,000
+ DB10440	104x40x5	Inland - (2)	-	Request
+ DB10447	104x47x8	Inland Work	60	240,000
DB11027	110x26x7	Inland	56	25,000
★ DB11040	110x40x11	Inland	51	116,000
+ DB11041	110x30x-	Inland	44	45,000
DB11054	110x34x6	Inland Deck	-	Offer
+ DB11055	110x32x-	Inland	-	Request
+ DB11060	110x38x11	Inland	-	Request
DB11061	110x32x10	Inland	-	51,000
★ DB11400	114x34x9	Inland	-	37,500
★ DB11434	114x34x9	Inland	-	58,000
+ DB11477	114x78x-	Inland	-	85,000
DB11529	115x28x6	Inland	-	40,000
DB11543	115x40x-	Inland	-	120,000
★ DB12020	120x40x11	Inland	62	126,000
> DB12030	120x38x11	Inland	60	105,000
★ DB12040	120x30x7	Inland	-	63,500
> DB12052	120x35x6	Inland	-	47,500
★ DB12072	120x40x12	Inland	-	79,500
> DB12078	120x35x6	Inland	-	47,000
★ DB12081	120x40x11	Inland	62	123,000
DB12088	120x30x7	Inland	82	Offer
★ DB12091	120x60x9	Inland Crane	45	105,000
+ DB12098	120x32x12	Inland	-	18,000
★ DB12099	120x30x7	Inland	-	42,500
★ DB12100	121x35x10	Inland	-	117,500

File	Dimensions	Remarks	Built	Price
> DB12537	125x36x13	Coastal - (6)	-	52,500
★ DB12802	128x32x8	Inland	-	42,000
★ DB12832	128x32x9	Inland	-	62,000
> DB12842	128x43x-	Coastal - (2)	-	Charter
+ DB13004	130x40	Inland	44	11,000
DB13038	130x38x10	Inland	-	Offer
DB13040	130x38x10	Inland Spud	-	Offer
★ DB13041	130x38x11	Inland	-	21,500
DB13052	130x52x8	Ocean Spud	New	Quote
> DB13139	131x39x12	Ocean	90	Request
> DB13503	135x35x-	Ocean	-	265,000
DB13636	136x36x9	Inland	-	70,000
> DB13738	138x79x14	Coastal	-	Request
+ DB13852	138x58x9	Inland	-	31,500
DB14050	140x40x9	Ocean	New	Quote
> DB15012	150x50x10	Ocean	93	Request
+ DB15023	150x42x11	Coastal	64	315,000
+ DB15043	150x42x14	ex-Ocean	68	250,000
+ DB15051	150x48x10	Inland	67	80,000
+ DB15060	150x42x12	Inland	67	80,000
> DB15939	160x40x9	Ocean	96	170,000
+ DB16058	160x50x12	Inland - (2)	67	Request
DB17536	175x37x9	Inland	-	132,500
> DB17644	175x44x13	Coastal	59	370,000
+ DB17945	179x42x12	Inland	-	225,000
> DB18007	180x50x10	Ocean	92	173,500
> DB18009	180x50x11	ex-Ocean	87	63,000
> DB18031	180x56x12	Ocean	95	Request
> DB18033	180x50x10	Ocean - (2)	91	132,500
> DB18047	180x46x11	Inland Chip -(4)	65	160,000
> DB18067	180x50x10	Ocean - (4)	90	132,500
> DB18071	180x57x13	Ocean	-	Request
DB18076	180x54x12	Ocean	82	555,000
DB18077	180x54x12	Ocean	80-	555,000
DB18078	180x54x12	Ocean	New	Request
> DB18079	180x56x12	Ocean	98	Request
> DB18080	180x50x10	Ocean	97	285,000
+ DB18142	181x42x11	Inland	68	225,000
+ DB19001	190x50x12	Inland House	72	Charter
> DB19059	190x59x13	Coastal	-	Request
+ DB19400	194x50x12	Inland House	69	Charter
DB19538	195x35x12	Ocean	New	Quote
DB20066	200x52x15	Ocean	69	400,000
> DB20067	200x56x13	ex-Ocean	69	400,000
+ DB21057	210x54x13	Ocean	61	420,000
> DB21059	210x56x12	Ocean	91	Request
> DB21349	213x49x11	Ocean	-	Request
> DB21368	213x69x-	Ocean	93	725,000
> DB21450	214x49x11	Ocean	93	Request
> DB21480	215x80x26	Ocean	74	Request
★ DB21542	215x42x15	Inland	45	132,500
> DB22000	220x60x14	Ocean - (2)	97	310,000

Deck Barges Continued

File	Dimensions	Remarks	Built	Price
DB22046	220x40x12	Inland	-	117,000
DB22052	220x54x14	Ocean	92	Request
> DB22062	220x60x14	Ocean	96	294,000
> DB22066	220x60x14	Ocean - (2)	66	285,000
+ DB22464	224x64x14	Ocean House	78	Charter
★ DB23052	230x52x15	Inland	-	265,000
+ DB23650	236x50x14	Ocean	66	750,000
★ DB24005	240x72x16	Ocean	77	1,050,000
DB24011	240x50x12	Ocean - (2)	83	Charter
+ DB24261	242x60x16	Ocean - (2)	77	Request
+ DB25048	250x48x15	Inland	45	175,000
+ DB25050	250x50x13	Inland	60	425,000
DB25051	264x50x12	Inland - (2)	63	105,000
> DB25085	250x80x16	Ocean	98	750,000
> DB25098	250x80x16	Ocean - (2)	99	Request
★ DB26041	260x40x9	Inland Spud	55	300,000
+ DB26052	260x52x19	ex-Ocean	60	630,000
+ DB26868	268x60x19	Ocean Freezer	69	1,300,000
> DB26880	268x80x18	Ocean	75	Request
> DB27277	270x70x16	Ocean - (2)	94	630,000
> DB27861	279x62x14	Ocean	87	Request
> DB28080	280x80x18	Ocean	98	850,000
> DB28248	283x48x18	Inland	-	230,000
> DB28275	282x75x16	Ocean	98	650,000
> DB28276	282x75x16	Ocean	98	715,000
+ DB28278	282x78x18	Ocean	78	Request
> DB28560	285x60x16	Inland	57	940,000
> DB28561	285x60x16	Inland	57	435,000
+ DB28579	285x78x18	Ocean	New	Quote
> DB29011	290x118x18	Ocean	98	Request
> DB30009	300x90x20	Ocean	75	1,465,000
DB30013	300x90x19	Ocean	82	Request
> DB30015	300x90x20	Ocean - (2)	76	Request
> DB30030	300x00x25	Ocean	76	Request
> DB30034	300x90x20	Ocean	76	Request
> DB30070	300x70x18	Ocean	92	695,000
> DB30076	300x76x18	Ocean	96	985,000
> DB30095	300x90x20	Ocean	84	Request
+ DB31099	310x105x20	Ocean Ice Str.	76	Request
> DB31581	315x62x17	Inland	61	523,000
> DB32284	322x84x28	Ocean	-	Request
> DB32780	328x80x18	Ocean	New	Quote
> DB33012	330x100x20	Ocean	00	Request
+ DB33076	330x76x18	Inland	63	685,000
DB33078	330x78x20	Ocean	82	2,590,000
> DB33082	330x80x18	Ocean - (2)	96	Request
> DB33097	330x96x20	Ocean	99	2,200,000
> DB34163	342x64x24	Propelled	82	Request
+ DB34397	344x94x21	Ocean	00	Charter

File	Dimensions	Remarks	Built	Price
> DB35292	352x92x21	Ocean Work - Ice	75	Request
DB35865	358x65x19	Inland	28	420,000
★ DB36640	366x40x11	Inland	-	157,500
> DB37253	372x53x19	Inland	27	335,000
> DB39301	394x131x25	Ocean	77	Request
★ DB40012	400x100x25	ex-Ocean	76	Request
DB40016	400x100x25	Ocean	77	Request
★ DB40017	400x100x25	Ocean	76	Request
★ DB40020	400x100x-	Ocean	75	Request
> DB40021	400x105x25	Ocean	-	Charter
+ DB40104	400x100x20	ex-Ocean	70	Offer
+ DB40108	400x100x-	Ocean	New	Quote
DB40210	402x100x22	Ocean	98	Charter
★ DB41710	417x105x20	Ocean Ro/Ro - (2)	76	Request
+ DB43857	437x56x28	Inland	-	150,000

Derrick Barges

File	Dimensions	Remarks	Built	Price
> DK03619	36x20x-	10T	-	Offer
> DK07961	80x61x10	100T Sheer	79	Offer
DK09023	90x23x5	Inland Spud	95	Offer
★ DK10007	100x40x9	25T	61	395,000
★ DK10040	100x40x9	Clyde 20T	62	315,000
DK11030	110x30x7	Inland Spud	69	Offer
DK11036	110x34x6	40T/Link-Belt	76	Offer
+ DK11054	110x52x10	120T/American	-	Request
+ DK12000	120x57x8	60T/Manitowoc	43	110,000
+ DK12001	210x68x15	300T	84	Charter
+ DK12006	116x33x7	BE-51B	-	Request
DK12038	120x38x8	150T/American	92	Request
★ DK12040	120x40x12	BE-88B Crawler	59	80,000
★ DK12060	120x60x10	Inland	45	132,500
> DK12061	120x61x11	35T	88	Request
+ DK12070	140x70x12	140T/Whirley	-	1,160,000
+ DK12131	121x31x8	25T American	41	Charter
DK13038	130x38x10	BE-71B	-	Offer
DK13635	136x35x7	40T/Linkbelt	66	Request
DK13636	136x35x7	BE-30B	66	Request
DK14040	140x39x9	Inland Spud	-	Request
> DK14199	141x98x14	250T/Favelle	-	Charter
> DK14465	144x65x9	100T/Revolving	84	Request
DK15041	150x40x9	125T/American	74	Request
★ DK15060	150x60x8	320T/A-Frame	76	Charter
DK15252	152x52x12	Lima	64	Request
DK15550	155x51x11	100LT/Whirley	42	Charter
> DK16465	164x65x10	4100 Manitowoc	-	Request
> DK18049	180x50x10	5170/P&H Crawler	88	1,575,000
> DK18072	180x72x12	Semi Sub/350T	79	Request
+ DK19050	190x50x-	4600 Manitowoc	-	Charter

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Derrick Barges Continued

File	Dimensions	Remarks	Built	Price
> DK20188	202X89X18	800T	97	Request
DK21001	210x68x15	300T	84	Charter
> DK21088	211x9x-	-	-	Request
> DK22089	220x89x16	5T/Liebherr	96	Request
> DK24668	246x69x16	100T	80	Request
DK25050	250x50x12	90T/American	53	Request
> DK25070	255x69x15	100T/Quarters	82	Request
> DK25749	258x49x14	BML	00	5,500,000
> DK26200	262x118x20	1500T Sheerleg	78	Request
> DK27211	272x118x21	2000 A-Frame	97	Request
+ DK30010	300x100x18	Clyde - 700T	96	12,000,000
> DK30101	301x100x25	3000T	85	Charter
DK35099	350x100x25	1000T	72	Charter

Tank Barges

File	Dimensions	BBL	Remarks	Built	Price
★ TB00001	57x8x-	-	Inland	-	26,500
★ TB00857	70x19x8	857	Inland	52	26,500
> TB03014	140x39x8	2800	Ocean	78	Request
TB03111	110x30x7	3000	Inland	80	140,000
TB06217	175x26x11	6260	Inland	56	130,000
★ TB06500	165x35x12	6400	Inland	43	110,000
> TB07135	135x34x9	6800	Inland	-	175,000
TB10002	232x35x11	10360	Inland	84	200,000
TB10012	123x50x12	10000	Inland	59	165,000
TB10412	120x50x10	10455	Inland	66	70,000
TB14423	232x50x12	14476	Inland	49	75,000
TB15901	284x43x14	15900	Inland	-	Request
+ TB16180	180x54x13	16700	Ocean	78	Request
> TB16210	210x56x12	-	Ocean	98	Request
TB17321	215x54x13	17323	Inland	-	Request
TB17322	228x54x13	17323	Inland	74	Request
> TB18021	210x60x12	19000	Ocean	89	Request
+ TB18180	180x44x16	-	Ocean	66	300,000
TB19348	250x48x11	19348	Inland Box	60	Offer
> TB19577	190x50x14	14577	Ocean	99	Request
★ TB20300	227x43x13	20300	Ocean	71	Request
TB22002	295x52x12	-	Sulphur	-	125,000
TB22229	295x54x13	22239	Inland	74	Request
> TB23026	262x37x15	-	Coastal	75	600,000
★ TB24929	295x54x-	24978	Inland	74	Request
> TB27049	300x49x14	27324	Inland	58	Request
★ TB28286	287x52x18	-	Ocean	73	Request
★ TB29000	298x54x12	28870	Inland Box	75	690,000
★ TB29001	298x54x12	28858	Inland Box	75	730,000
+ TB29260	260x52x19	31316	ex-Ocean	60	630,000

File	Dimensions	BBL	Remarks	Built	Price
> TB30912	230x60x18	30912	Coastal	99	Request
TB40002	352x64x18	40000	ex-Ocean/DbI	81	950,000
> TB40270	271x72x20	40000	Ocean Single	97	2,260,000
> TB84359	359x74x27	84000	Ocean	69	Request
TB89294	380x85x31	89293	Ocean	-	Request
★ TB90021	563x90x45	282942	Ocean	56	1,050,000

Miscellaneous Barges

File	Dimensions	Remarks	Built	Price
> MB04141	41x41x8	Jack-up	-	Offer
MB05728	57x28x7	Lift Boat	79	250,000
MB06542	66x43x7	Jack-up	78	Request
MB10032	100x32x5	Inland Work	82	Offer
MB10032	100x32x5	Inland Work	82	Offer
MB11034	110x34x7	Inland Work	73	Offer
MB11034	110x34x7	Inland Work	73	Offer
+ MB11135	106x34x11	Quarters	45	Request
MB12031	120x30x7	Quarters	-	205,000
> MB13140	131x40x-	Quarters	-	Request
> MB13612	146x122x14	Jack-Up	83	Request
MB14036	140x36x7	Inland Lay	-	Offer
MB14036	140x36x7	Inland Lay	-	Offer
MB14199	141x98x14	Jack-up	-	Charter
> MB14292	142x92x12	Jack-Up	72	4,750,000
> MB14777	147x77x13	Jack-up	78	Request
+ MB15044	150x44x12	Quarters - 54	93	685,000
MB15243	152x43x-	Restaurant	41	80,000
MB15535	155x35x12	Cement Barge	-	236,250
+ MB16050	160x50x12	Quarters - 28	67	600,000
> MB16140	165x140x-	Jack-up	New	Quote
MB18545	185x45x9	Inland Lay	81	Offer
MB18545	185x45x9	Inland Lay	81	Offer
MB18801	188x106x13	Jack-up	57	Request
> MB19773	197x74x16	Maintenance	88	Request
> MB20114	200x115x36	Jack-Up	77	Request
MB20826	208x26x5	Inland Office	41	Offer
MB20826	208x26x5	Inland Office	41	Offer
MB20830	208x30x7	Quarters	-	Request
> MB21480	215x80x26	Floating Batch	74	Offer
> MB22145	221x44x12	Work Shop	84	370,000
MB22581	225x81x14	Inland Chip	-	Request
> MB23104	233x105x-	Woodchip Process	80	Offer
> MB24416	244x116x14	Ocean Work	-	Request
> MB25080	250x80x13	Jack-up	69	Charter
> MB25560	246x60x27	Cable Layer	98	Request
MB25673	256x72x15	Ocean Bury	70	Offer
+ MB26048	260x48x15	Booster Barge	45	Request
MB26072	260x72x16	Ocean Lay	95	Offer
★ MB26148	261x48x15	Quarters	-	682,500
MB27172	271x72x15	Ocean Work	77	Request

Miscellaneous Barges Continued

File	Dimensions	BBL	Remarks	Built	Price
> MB28165	279x65x-		Ocean Warehouse	91	1,400,000
> MB30092	300x90x19		Ocean Lay	56	Request
MB33669	337x70x18		Ocean Work	83	Request
MB35061	350x60x22		Ocean Lay Barge	58	Offer
> MB36737	368x38x45		Flotel	86	Request
MB40076	400x76x20		Ocean Work	70	6,000,000

Hopper Barges

File	Dimensions	Remarks	Built	Price
HB06000	60x30x12	Lash - (4)	83	32,000
HB06131	61x31x13	Lash	-	-
> HB08517	86x18x13	Inland Dump	67	Request
★ HB14440	144x40x14	Inland Dump	54	26,500
★ HB14640	146x38x17	Inland Hopper	-	121,000
> HB15555	155x56x20	Ocean Dump	89	Request
★ HB17144	171x43x16	Inland Dump	-	53,000
★ HB18345	183x45x16	Dump Barge	-	53,000
HB19527	195x26x-	Inland Hopper	74	Request
HB19529	195x35x16	Ocean Hopper	71	450,000
★ HB19536	195x35x12	ex-Ocean Hopper	74	25,000
HB19537	195x35x11	Cement	59	250,000
> HB19541	195X35X12	Inland Hopper	77	150,000
HB19545	195x35x12	Inland Cement	69	80,000
HB19546	195x46x15	Inland Dump	59	52,500
HB20043	200x35x12	Inland Hopper	81	50,000
+ HB20044	200x44x13	Inland Hopper	60	Charter
HB20045	200x35x12	Inland Hopper	81	50,000
HB24004	240x52x17	Ocean Hopper	80	Charter
HB24005	240x52x17	Ocean Hopper	76	Charter
HB24053	240x52x17	Ocean Hopper	76	Offer
HB25039	251x37x-	Ocean Hopper	71	Request
★ HB25053	250x53x11	Inland Cement	67	250,000
> HB28165	280x66x-	Ocean House	91	Request
> HB28263	282x63x33	Ocean Hopper	78	Offer
HB30201	302x71x19	Ocean Hopper	-	Charter
HB30339	303x38x17	Inland Hopper	58	250,000
HB33060	330x60x27	Ocean Hopper	64	1,500,000
HB33459	335x59x29	Ocean Hopper	88	Request
HB34165	341x66x31	Ocean Hopper	81	Request
> HB34851	359x50x24	Ocean Hopper	61	840,000
> HB37963	380x63x34	Ocean Hopper	69	800,000
HB38568	386x68x38	Ocean Hopper	45	Charter
> HB43081	430x80x29	Ocean Hopper	70	Request
> HB44754	415x55x-	Ocean Hopper	84	325,000
> HB47578	475x75x35	Ocean Hopper	66	685,000
★ HB52287	522x85x-	Ocean Hopper	82	Charter
HB52368	523x68x39	Ocean Hopper	45	685,000

Supply Vessels

File	Dimensions	Machinery	HP	Built	Price
> SU14033	140x33x14	2xB&W	2000	81	Request
> SU14034	140x33x14	2xB&W	1800	81	Request
SU14626	146x26x11	2xGM12V92	1200	81	750,000
> SU14739	147x39x18	2xEMD16645	6000	76	Request
SU15008	150x36x14	2xGM16V149	1860	81	1,465,000
SU15738	157x38x14	2xCATD398	1700	81	Request
> SU15739	147x39x18	2xEMD16645	6000	76	1,820,000
SU16510	185x36x15	2xEMD12645	4300	67	2,750,000
SU16607	166x38x13	2xCATD398	1700	77	Request
SU16609	166x38x13	2xGM16V149	1800	80	1,675,000
SU16617	116x38x13	2xGM16V149	2240	76	1,675,000
SU16620	166x38x13	2xCATD398	1700	97R	Request
SU16621	166x38x12	2xCATD398	1700	77	Request
> SU16638	166x38x13	2xGM16V149	1860	79	Request
> SU16736	175x36x16	2xMWM	1900	73	595,000
> SU16744	167x44x13	2xMTU	1540	79	1,050,000
> SU17001	170x37x14	2xLister	2400 K	68	Request
SU17014	170x38x14	2xEMD12567	2400	71	1,600,000
> SU17103	171x38x-	2xEMD16567	3240	73	1,300,000
SU17500	175x40x13	2xGM16V149	1860	80	Request
> SU17606	176x38x14	2xGM16V149	1860	75	1,565,000
> SU17648	176x45x12	2xCAT3412	1248	97	Request
> SU17684	176x38x14	2xCATD3512	2400	82	1,155,000
> SU18001	180x38x14	2xCATD399	2250	75	Request
> SU18013	185x38x14	2xEMD16567	3200	75	1,565,000
SU18014	180x38x14	2xEMD12645	3000	72	Request
> SU18022	180x40x14	2xEMD2645	3000	79	1,565,000
> SU18050	180x40x14	2xCATD399	2250	79	1,310,000
> SU18065	180x38x14	2xEMD16567	3280	76	1,050,000
SU18110	180x40x14	2xEMD16567	3200	79	1,820,000
SU18111	180x38x14	2xEMD16657	3200	75	1,565,000
SU18114	180x40x14	2xEMD16567	3200	79	1,820,000
> SU18443	184x39x16	2xWartsila	4810	83	Request
> SU18445	184x47x17	2xMWM	3500	74	1,975,000
SU18510	185x40x14	2xCATD399	2250	82	Request
SU18517	185x40x14	2xEMD12567	2400	73	1,310,000
> SU18560	185x38x15	2xEMD16645	3900	81	1,360,000
> SU18562	185x38x14	2xEMD16567	3200	82	1,310,000
> SU18642	186x43x15	2xDeutz	3500	77	1,310,000
> SU18839	188x38x18	2xMAN	4600	76	2,100,000
SU18948	190x44x17	2xYanmar	3000	82	Request
> SU19000	189x43x16	4xDaihatsu	4400	74	975,000
> SU19007	190x43x18	2xCAT3516	4000 K	New	Quote
SU19038	190x38x15	2xEMD16645	5750	73	Request
> SU19040	190x40x16	2xEMD16645	3900	78	1,825,000
> SU19042	190x40x16	2xEMD12645	4300	79	1,830,000
> SU19045	182x44x17	2xYanmar	3000	82	Request
> SU19055	190x40x16	2xEMD12645	4300	79	1,565,000
SU19056	190x40x16	2xEMD16645	3900	78	1,820,000

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File	Dimensions	Machinery	HP	Built	Price
> SU19059	190x42x17	2xCAT3516	4000	-	Quote
SU19143	190x40x14	2xEMD16645	3900	80	Request
> SU19144	191x40x17	2xMAK	5300	74	1,800,000
> SU19205	193x43x22	2xBergen	7200 K	84	Request
> SU19441	194x40x17	2xNohab	7040 K	75	1,820,000
SU19442	194x40x17	2xEMD16645	5760	77	2,000,000
SU19508	195x40x16	2xEMD16645	6140	84	Request
> SU19541	195x41x17	2xMirrlees	6166	84	Request
> SU19543	195x42x16	2xAllen	5600	73	Request
> SU19643	196x43x21	2xMAK	6000	76	2,075,000
> SU19705	196x43x21	2xMAK	7300	77	2,600,000
> SU19706	197x44x21	2xMAK	7300	76	2,590,000
> SU19741	197x41x16	2xDaihatsu	4200 K	82	Request
> SU19748	197x42x20	2xMAK	6600	75	1,250,000
> SU19749	197x43x20	2xSulzer	8640 K	82	3,200,000
> SU20008	201x41x18	2xNohab	7040 K	76	Request
> SU20018	201x41x18	2xNohab	7040 K	76	3,100,000
> SU20129	202x40x19	2xDeutz	7200 K	83	3,500,000
> SU20130	201x39x18	2xDeutz	7200	83	3,500,000
> SU20238	202x38x15	2xYanmar	3520	82	Request
> SU20239	202x38x15	2xYanmar	3520	82	Request
> SU20403	204x40x16	2xAlco	5600	75	1,565,000
> SU20946	209x43x70	2xWerkspoor	7200	75	Request
> SU20950	210x49x18	2xWartsila	8920	99	Request
> SU20954	209x73x20	2xStork	8000	76	Request
> SU21001	210x43x20	2xDelaval	7500	77	Request
> SU21002	205x45x18	2xEMD20645	7200	75	3,000,000
> SU21003	210x45x18	2xEMD20645	7200	75	3,000,000
> SU21042	210x43x21	2xB&W	8480 K	75	Request
> SU21250	212x45x22	2xNohab	7040	75	Request
> SU21346	213x45x-	2xPolar	7740	75	Request
SU21444	214x44x16	2xEMD16645	6140	-	Request
> SU21545	215x45x19	2xMAK	3000	76	3,500,000
SU21942	220x42x16	2xEMD16645	6140	82	Request
> SU22002	220x52x25	4xMAK	13000	79	Request
> SU24661	246x59x26	4xBergen	14400	99	Charter
> SU26559	264x59x23	2xSulzer	6120	85	Request

Utility Boats

File	Dimensions	Machinery	HP	Built	Price
+ UB05614	56x14x8	2xGM6-71	330	66	119,000
+ UB06502	65x18x-	2xCATD343	700	62	165,000
> UB06819	68x19x16	2xGM12V71	680	81	Request
UB08222	82x22x11	2xCATD379	1130	-	165,000
> UB08500	85x24x-	2xCummins	840	78	320,000
> UB08526	85x26x10	2xVolvo	580	73	Request
UB08533	85x33x11	2xGM12V92	900	81	Request
UB09000	90x22x9	2xGM12V71	680	73	395,000
> UB09521	95x21x-	1xB&W	800	75	285,000

File	Dimensions	Machinery	HP	Built	Price
UB09600	96x24x11	2xGM12V71	680	75	Request
UB10002	100x24x10	2xGM12V71	680	-	Request
UB10026	100x25x-	2xGM	1200	72	500,000
UB10502	110x24x10	2xGM12V71	680	71	Request
UB10525	105x25x12	2xGM16V92	1200	70	475,000
> UB11001	110x26x11	2xCAT3412	1080	78	Request
UB11004	116x26x10	2xGM16V92	1238	79	655,000
UB11013	110x24x11	2xGM12V71	680	77	Request
> UB11018	110x26x10	2xGM16V92	1200	82	515,000
UB11035	110x24x11	2xGM12V71	680	74	Request
> UB11044	110x28x10	2xCAT3412	1040	80	525,000
> UB11228	112x26x11	2xGM16V92	1200	79	580,000
> UB11229	112x26x11	2xGM16V92	1200	81	625,000
> UB11231	112x26x11	2xGM16V92	1252	79	420,000
> UB11232	112x26x11	2xGM16V92	1200	80	590,000
> UB11502	115x26x10	2xGM16V92	1200	81	585,000
UB11531	115x26x12	2xGM12V71	910	76	Request
UB11532	115x25x10	2xGM16V71	910	76	Request
> UB11603	116x26x10	2xGM16V92	1200	81	515,000
UB11824	118x24x9	2xGM16V71	910	70	710,000
> UB11826	118x26x11	2xGM16V92	1252	-	525,000
> UB12024	120x24x10	2xGM12V71	1026	76	Request
> UB12025	119x24x10	2xGM12V71	1020	74	Request
> UB12038	120x26x10	2xGM12V149	1400	79	420,000
> UB12040	119x24x10	2xGM12V71	1020	74	Request
UB12506	1125x26x12	2xGM16V71	910	78	Request
> UB12627	121x27x12	2xGM16V149	2560	80	1,230,000
UB13033	130x32x-	2xCummins	1320	00	Request
> UB13232	131x32x13	2xMirrlees	2000	84	Request

Crew Boats

File	Dimensions	Machinery	HP	Built	Price
CB03210	32x10x-	1xGM8V71	304	79	35,000
CB03217	32x10x-	1xGM6-71	228	72	33,000
> CB03400	34x11x4	2xCAT3208	510	89	37,500
CB03616	35x16x-	2xGM6V53TI	800	90	240,000
> CB03812	38x12x7	2xVolvo	600	72	78,000
CB04008	46x-x-	2xGM8V71	478	77	Request
CB04604	47x-x-	2xGM8V71	460	83	195,000
CB04606	48x15x6	2xGM8V71	460	New	Quote
★ CB04702	47x15x6	2xGM8V71	400	74	120,000
CB04714	47x14x5	2xGM8V92	700	78	158,000
> CB04814	47x14x6	2xGM	-	69	235,000
+ CB04818	48x14x3	2xGM8V71	700	77	137,500
> CB04915	49x15x-	2xDaimler	644	76	152,000
+ CB05161	61x25x8	1xCATD379	510	64	110,000
CB06513	65x17x7	2xGM12V71	1020	-	265,000
+ CB06521	65x18x6	2xGM6-71	360	69	135,000
> CB06523	65x18x7	2xGM12V71	1000	76	175,000

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Crew Boats Continued

File	Dimensions	Machinery	HP	Built	Price
CB06527	65x18x10	2x-	1170	New	Quote
CB06529	65x19x9	2xGM12V71	900	84	275,000
> CB06533	65x20x8	2xGM12V71	1020	83	80,000
> CB06616	66x17x10	2xCAT3306	485	New	Quote
+ CB07534	48x34x9	4xLugger	2432	97	1,500,000
> CB07801	78x18x9	2xGM12V71	1020	73	Request
> CB08220	82x20x10	2xMAN	2000	New	Quote
> CB09003	90x21x7	3xGM12V71	1530	72	Request
CB10001	100x24x10	3xGM12V71	1530	80	475,000
CB10004	100x21x9	3xGM12V71	1530	77	Request
CB10006	100x23x9	3xGM12V71	1530	81	500,000
CB10013	100x23x9	3xGM12V71	1530	76	420,000
> CB10020	100x21x10	2xGM16V149	1800	79	210,000
CB10026	100x23x9	3xGM12V71	1530	80	475,000
> CB10031	99x22x6	3xGM12V71	1530	-	625,000
> CB10123	101x21x9	3xGM12V71	1530	85	580,000
CB10523	105x22x10	3xGM12V71	1530	82	425,000
CB10529	105x23x9	3xGM12V71	1530	79	475,000
CB10721	107x21x7	3xGM12V71	1530	81	Request
> CB10921	109x21x10	4xGM12V71	2600	80	Request
CB11002	110x24x10	4xGM12V71	2040	80	675,000
CB11007	110x24x10	4xGM12V41	2000	82	675,000
> CB11010	110x22x9	3xGM16V92	2820	78	Request
> CB11012	110x22x9	3xGM16V92	2820	76	Request
> CB11013	110x22x10	3xGN16V92	2820	75	Request
CB11016	110x25x8	4xGM12V71	2400	76	Request
+ CB12000	120x25x10	4xGM12V92	2800	82	Request
CB12023	125x23x10	3xGM12V92	2025	79	Request
> CB12026	120x24x10	3xCAT3412	2550	78	Request
> CB12032	120x25x9	2xMTU	2440	80	315,000
CB12034	120x25x10	3xCAT3412	2200	81	Request
> CB12202	122x24x9	2xCAT3512	2890	81	650,000
CB12526	125x24x10	3xCAT3412	2550	79	Request
CB13426	134x26x12	4xCAT3412	2968	New	Quote
CB15202	152x30x11	4xGM16V92	4400	94	Request
CB15230	152x30x-	5xCAT3412	2600	New	Quote

Landing Crafts

File	Dimensions	Machinery	HP	Built	Price
+ LC05514	55x14x-	2xGM6-71	330	-	Request
+ LC05605	56x14x-	2xGM6-71	330	-	Request
+ LC05614	56x14x-	2xGM8V71	1000	-	115,000
+ LC05618	56x14x-	2xGM8V71	460	78	85,000
+ LC06525	65x25x7	2xGM6-71	330	-	Request
> LC07022	70x21x-	2xPerkins	240	68	Request
> LC07025	70x24x-	2xGM6-71	320	88	390,000

	File	Dimensions	Machinery	HP	Built	Price
+ LC07221	72x21x-	2xGM12V71	680	-	-	225,000
+ LC07401	74x21x-	4xGM6-71	660	60	-	159,000
+ LC07402	74x21x4	4xGM6-71	690	67	-	345,000
+ LC07421	74x21x-	4xGM6-71	660	54	-	52,500
+ LC07423	74x21x-	4xGM6-71	660	-	-	Request
+ LC07522	75x22x-	2xGM12V71	680	54	-	Request
+ LC08922	89x22x6	2xGM8V71	460	51	-	580,000
> LC09523	95x24x7	2xDeutz	500	54	-	Request
> LC10532	105x33x-	3xGM	540	-	-	Request
+ LC11040	110x40x-	2xGM12V71	680	-	-	Request
> LC12432	124x32x5	2xCummins	850	-	-	500,000
> LC12732	127x32x10	2xYanmar	640	98	-	1,000,000
> LC13230	122x30x15	2xDeutz	598	81	-	410,000
> LC13639	136x39x10	3xCAT	645	91	-	Request
> LC13640	136x39x10	2xDeutz	750	91	-	Request
+ LC14934	149x34x6	-	1020	66	-	195,000
+ LC15132	177x31x10	2xCAT3412	1040	46	-	Request
> LC15735	157x35x10	2xCAT3412	1230	00	-	Request
> LC16440	164x39x7	2xCAT353	850	75	-	Request
LC18001	180x-x-	2xCAT3412	1500	New	-	Quote
> LC19600	197x39x11	2xCAT3412	1500	00	-	Request
> LC20138	201x38x11	2xCAT	1362	92	-	1,075,000
> LC21340	213x41x13	2xMAN	732	New	-	Quote
> LC21644	217x44x-	2xKelvin	880	77	-	Request
> LC21845	245x55x12	2xCATD399	2250	77	-	Request
> LC22942	229x42x14	2xCAT398	1500	65	-	Request

Research, Dive & Rescue

	File	Dimensions	Machinery	HP	Built	Price
★ RV03711	36x11x4	2xGM4-71	240	-	-	15,750
> RV04714	47x14x6	1xCAT3408	365	80	-	Request
RV05816	58x16x5	2xCummins	600	95	-	480,000
RV06318	63x18x6	2xMack	1100	96	-	540,000
RV06319	63x18x16	2xMack	1100	96	-	540,000
+ RV06518	65x18x8	1xGM8V71	230	64	-	250,000
RV06519	65x18x6	2xMack	1100	96	-	690,000
★ RV06720	67x20x8	2xGM6-71	330	70	-	195,000
> RV07026	78x23x9	2xCummins	700	91	-	Request
+ RV08225	82x25x6	1xGM	350	93	-	Request
+ RV08622	86x22x8	1xCATD353	325	71	-	Request
+ RV09338	93x38x-	4xCAT3208	1120	91	-	350,000
> RV09400	95x25x-	3xCummins	-	93	-	Charter
> RV09626	96x26x-	2xMAN	549	82	-	Request
> RV10424	104x24x12	1xBolnes	720	71	-	450,000
+ RV10600	106x26x13	1xCATD398	850	84	-	695,000
> RV11543	114x43x-	2xKelvin	880	84	-	Request
> RV11926	119x26x6	2xMAN	548	82	-	Request
> RV12001	120x36x8	2xGM12V71	680	82	-	Request

Research, Dive & Rescue

File	Dimensions	Machinery	HP	Built	Price
+ RV12530	124x30x9	2xCAT353	850	41	290,000
> RV12627	126x27x12	2xGM16V149	2560	80	1,500,000
> RV12827	128x28x11	2xYanmar	2200 K	82	Request
> RV14332	143x32x10	2xCAT3412	1040	60	Request
> RV15278	152x27x13	2xGM16V71	910	69	790,000
> RV16238	190x37x19	4xLister	2400	68	Request
> RV16332	163x32x16	1x Wartsila	1339	87	225,000
+ RV16534	170x34x14	2xAlco	1500	-	Request
> RV16730	167x30x-	1xMak	800	67	Request
> RV16936	169x37x-	2xLister	1600	66	Request
> RV17837	178x37x-	2xMirrlees	1072	73	Request
> RV18001	180x40x14	2xCATD399	2250	81	Request
> RV18444	185x45x-	2xMirrlees	4000 K	74	Request
> RV18445	184x44x12	2xGM16V92	1232	83	Request
> RV18933	205x33x20	1xB&W	2800	80	Request
> RV18940	189x40x14	2xYanmar	2800	82	Request
> RV19329	193x29x15	2xMitsubishi	1200	57	500,000
> RV19639	195x38x19	2xMirrlees	1300	80	2,075,000
> RV20054	200x54x-	2xCAT3516	4000	99	Charter
> RV20060	200x60x16	2xEMD12645	4300	69	Request
> RV21014	210x40x14	2xCAT3516	3000	82	Request
> RV21035	210x33x23	1xMAK	1750	64	1,050,000
> RV21041	214x40x14x	2xEMD12645	3000	92	Request
> RV21044	210x44x14	2xCATD399	2250	82	Request
★ RV21300	211x40x-	2xPaxman	1700	67	Request
> RV21440	214x40x14	2xEMD12645	3000	77	Request
> RV22046	220x44x16	2xCAT3516	3000	84	Request
> RV22152	221x52x19	2xWartsila	4988	99	Request
> RV22343	223x43x23	3xBritish Polar	3600	-	Charter
> RV23439	234x40x21	4xF'banks	10560	88R	3,500,000
> RV26043	260x43x1	4xWartsila	3720	67	Charter
> RV26142	261x42x19	2xEMD12645	4300	74	Request
> RV27252	272x52x32	1xBergen	2956	91	Request
> RV27752	277x52x23	4xHedemora	7200	75	Request
★ RV27851	278x51x25	2xAlco	3280	68	1,700,000
> RV28446	284x46x30	4xMAK	4000	68	Request
> RV28547	284x46x30	3xMak	3000	68	Request
> RV29440	294X39X24	-	1500	69	Request
+ RV29652	295x52x28	4xF'banks	5749	66	950,000
+ RV29653	303x52x28	4xF'banks	5748	64	950,000
> RV30672	306x72x-	2x-	11532	99	Charter
> RV32710	327x105x-	3x-	7300	76	Request
> RV34252	342x52	2xPielstick	7000	89	Request
> RV36556	365x55x31	None	-	92	Request
> RV36760	367x60x38	2xPielstick	8000	73	Request
> RV43661	436x61x38	4xWartsila	7200	75	Request
> RV52172	521x73x39	2xSulzer	15000	86	Request
> RV52173	521x73x39	2xSulzer	15000	86	Request
> RV59088	590x88x54	1xPielstick	3900	88	Request

(Continued from page 1)

market will recover based on consistent drilling fueled by stable oil prices, a reduction in the number of seismic vessels worldwide (i.e. vessels sold into other markets not to return), and a reduction in the operating costs of vessels through automation and design advances. The technology employed

aboard seismic vessels has substantially improved over the last 10 to 13 years. While 2-D seismic (which measures height and depth) is still in use worldwide, 3-D seismic acquisition (which additionally measures width and provides a cube of spatially sampled information) is now widely used after its introduction over the last 13 years. Not long ago only about 10 to 20% of the exploratory wells were successful. Now overall, offshore drilling has a success rate between 30 to 50% according to industry estimates (estimates vary). In addition, vessels have gone from working only 1 streamer to up to 20. Although a direct comparison cannot be made between the number of streamers, one latest generation vessel can acquire the same data as was previously acquired by several vessels. In addition, 4-D seismic (which is 3-D plus an elapsed time factor and involves the use of seismic vessels along with permanently installed recording cables on the ocean floor above the reservoir) is now being used and involves repeated surveys of the same area in order to aid in the exploitation of oil reserves. Although 4-D is expensive and only in limited use by the oil majors, it is expected to grow due to its benefits related to increased recovery percentages. All these new technologies can be further employed given oil prices remain at adequate levels to support such programs.

Current utilization of seismic vessels worldwide is reported to be in the region of 75% (or less). Of the larger class of vessels approximately 30 are reportedly idle. The US market is reportedly the strongest, but has been headed downward for almost 2 years; since shortly after oil prices fell in 1998. It is expected by industry analysts that it will take about 6 months from now for exploration and production to catch up and reduce the backlog of seismic data. Given oil prices are projected to be in the low to mid twenties per barrel on average over 2000, drilling should continue to expand. Slowly, as oil prices remain stable and drilling increases, sales of seismic data and the number of operating vessels will increase. Seismic companies will benefit worldwide from data sales and vessel employment, but not at the levels experienced previously any time in the near future. Oil company acquisition costs for 3-D seismic data are reportedly now in the region of USD 2,500 to 3,000 per square kilometer. In 1998, these same figures were reportedly USD 5,000 to 6,000 per sq. km. In 1990, the same figures where region USD 15,000 and above per sq. km. This drop in square kilometer price can be attributed to the greater number of vessels available chasing fewer jobs, and the greater productivity of new and refitted vessels.

The following list includes larger seismic vessels built within the

(Continued on page 12)

(Continued from page 11)

last 1 to 2 years.

"Western Trident" (and sister) - Operated by Western Geophysical. The vessel can work with up to 16 streamers.

"Geco Eagle" - Operated by Geco-Prakla (Schlumberger). The vessel can work with up to 20 streamers.

"CGG Alize" - Operated by CGG Marine. The vessel can work with up to 16 streamers.

"Aker Amadeus" - Operated by newly formed Aker Geo. The vessel can work with up to 8 streamers. (This vessel was re-built from a 64m x 14m trawler hull and was lengthened to 84m and sponsoned to 18.5m beam)

"Ramform Viking", "Ramform Valiant", & "Ramform Vanguard" - Operated by PGS. These vessels can work with up to 20 streamers.

"Veritas Viking" & "Veritas Viking II" - Operated by Veritas DGC. These vessels can work with up to 16 streamers.

"Atlantic Horizon" - Operated by Aker Geo, built originally in 1989 and rebuilt in 1999. The vessel can work with up to 8 streamers.

Marcon currently has for sale seventeen (17) seismic vessels direct or exclusively from owners ranging in size from 58 feet to 285 feet and another eight (8) vessels listed via co-brokers ranging in size from 155 feet to 342 feet. These vessels range in build dates from the early 1960's to as recent as 1999. Most are for sale outside the seismic market, but some owners will entertain interest from other seismic companies. Please call Marcon for a full list of available vessels.

Marcon has been involved in the sale of two seismic vessels this year including a 1980 built 265' x 59' ex-North Sea supply vessel which had been converted to seismic in 1988 and a 1999 built hull with her machinery which was sold unfinished. Both vessels were sold out of the seismic market. A full list of Marcon's sales, in all facets of the offshore and inland markets for 2000 (and previous years), can be viewed on our website at www.marcon.com under the "about Marcon" section.

Marcon is also currently involved in the inspections and negotiations phase on three (3) additional deals involving seismic vessels being sold outside the industry.

In conclusion, the key to the seismic vessel market's viability is oil price stability at or slightly below current levels. The seismic market will also be aided by older vessels being retired and newer vessels with greater efficiency and productivity dominating the market. Seismic companies will also lessen their recent tendency toward speculative data acquisition due to reduced budgets, thereby further reducing the amount of data readily available to oil

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RV22046 - 220' Seismic vessel

