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FPSO Track Records
Project Name / Client
PL 19-3 FPSO EPC Project / ConocoPhillips
Xijiang FPSO EPC Project / CNOOC
Wenchang FPSO EPC Project / CNOOC/Husky
BZ 25-1 FPSO EPC Project / CNOOC
BN FPSO EPC Project / CNOOC
CFD 11-1/11-2 FPSO EPC Project / KMG
PY 4-2/5-1 FPSO EPC Project / CNOOC
QHD 32-6 FPSO EPC Project / CNOOC/ARCO
Pyrenees Venture FPSO Project / BHPB/MODEC
Qingdao Yard
Total Area: 1,200,000m²
Quay Line: 1,645m
Quay Water Depth: 10-12.4m
Dry Dock: 420M X 110M X13.9M
Annual Fabrication Capacity: 270,000t
No. 199, Haibin 15 Road, Tianjin Port Free Trade Zone, Tianjin, P.R.China, Post Code: 300461
Tel : +86-(0)22-59899888 Fax: +86-(0)22-59899817 WEB: www.cooec.com.cn E-mail: international@mail.cooec.com.cn

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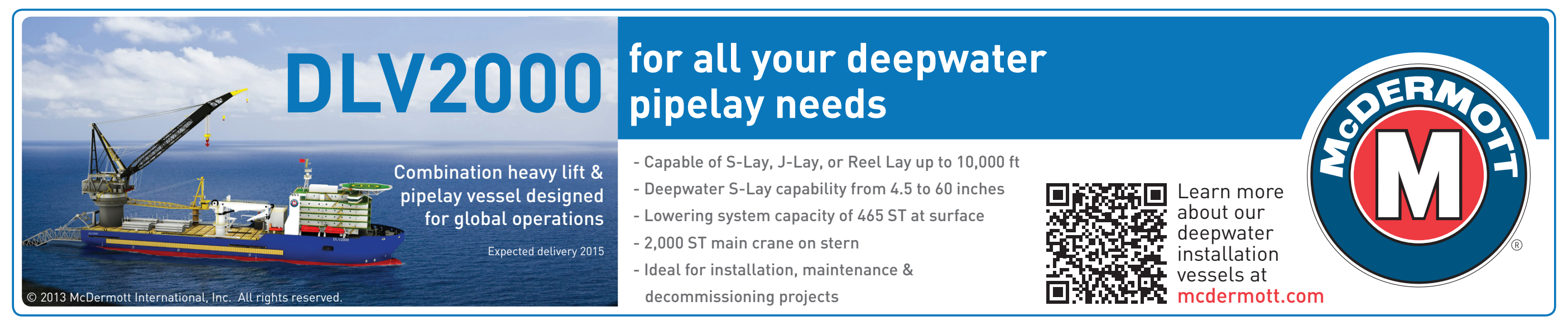
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2013 SURVEY OF WORLDWIDE OFFSHORE PIPELINE INSTALLATION & BURIAL CONTRACTORS & VESSELS

BEACH TO ULTRA-DEEPWATER

NOVEMBER 2013

Offshore MAGAZINE
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www.offshore-mag.com

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LaunchPad Writing + Research
tmoon@launchpad-wr.com

Downloads available at www.offshore-mag.com

Information Accuracy: Every attempt has been made to locate and contact all Offshore Pipeline Installation & Burial Contractors. No contractor was intentionally exluded from the survey. In some cases, a pipelay or burial vessel was not included because information was not provided. We make no guarantee that this list is all inclusive. We have also been careful to summarize the capability and experience of each yard as best as possible, by acting as a neutral party and integrator of information. We have collected the data from contractor-supplied information, personal interviews, phone interviews, and company brochures.

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POSTER 109

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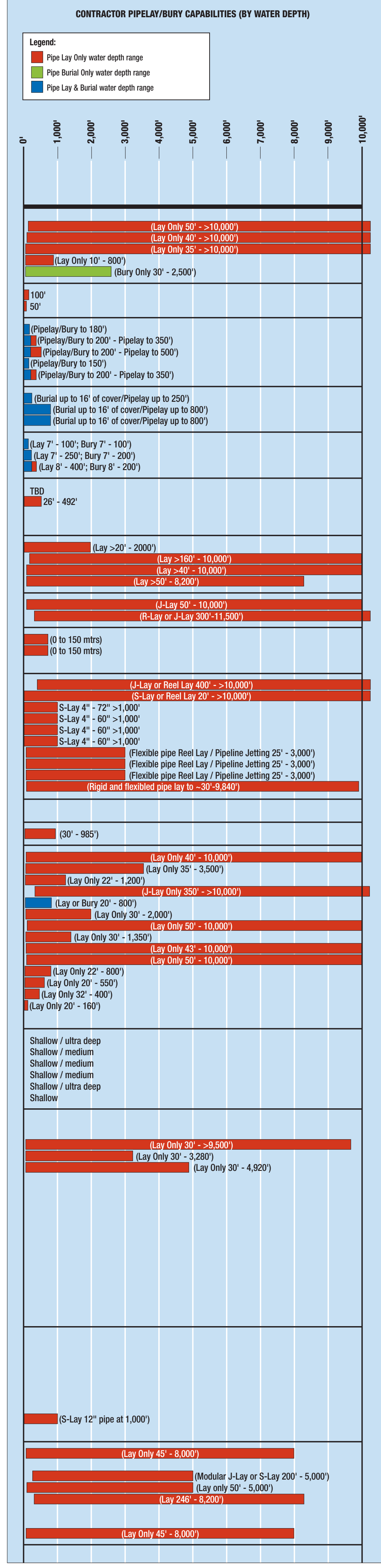
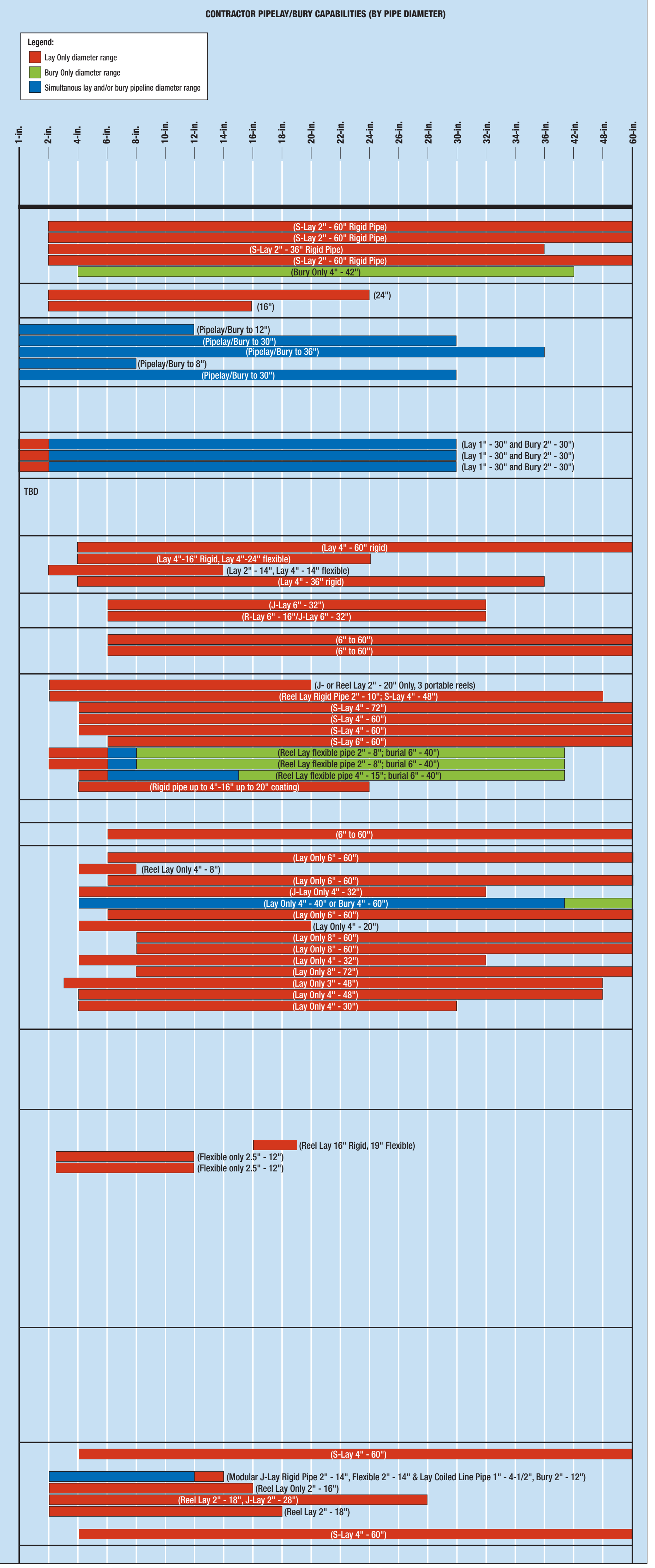
VESSEL'S BASE LOCATION
1-North America
2-South America
3-Europe
4-West Africa
5-Middle East
6-Asia
7-Other

CONTRACTOR							VESSEL CHARACTERISTICS								WELDING LINE						INSTALLATION CAPABILITY										INSTALLATION METHODS											BURIAL INFO.				PIPE HANDLING			WATER DEPTHS			
		VESSEL			BASE INFORMATION			DIMENSIONS							STATIONS		METHOD		TENSIONING		PIPE TYPE				MULTI LINES				LAY DIA.				S-LAY						TOW INST.					DIA.						MAXIMUMS		
PHOTO NUMBER			YEAR DELIVERED	YEAR CONVERTED	LOGISTICS BASE	RACK LENGTH FOR REELING PIPE	TYPE	LENGTH	WIDTH	HULL DEPTH	VESSEL DRAFT (TOW/WORKING)	MAX QUARTERS CAPACITY	HELIPORT	STATION KEEPING	TOTAL STATIONS	WELDING STATIONS	MANUAL (CONVENTIONAL)	AUTOMATIC	TENSIONERS	TOTAL TENSIONING CAPACITY	RIGID PIPE	COILED LINE PIPE	FLEXIBLE PIPE	UMBILICAL	EXT. or INT. BUNDLED PIPE	PIPE-IN-PIPE	MULTI PIPELINES	NO. OF MULTI PIPELINES	MINIMUM DIAMETER	MAX. DIAMETER	BEACH/TRANSITION ZONE	PULL/FLOTATION	S-LAY (CENTER LAY)	S-LAY (SIDE LAY)	PERMANENT REEL S-LAY	REMOVABLE REEL S-LAY	J-LAY	REEL LAY	SURFACE TOW	MID-DEPTH TOW	ON-BOTTOM TOW	BURY PIPE	SIMULTANEOUS LAY & BURY	MIN. DIAMETER FOR BURIAL	MAX. DIAMETER FOR BURIAL	MAX. NOMINAL PIPE JOINT LENGTH	PIPE ON REEL OR CAROUSAL	TOWED PIPELINE LENGTH (Note 17)	MINIMAL WATER DEPTH	PIPELAY	BURIAL	EXPERIENCE TO DATE
						FEET		FEET	FEET	FEET		(PERSONS)			QTY	QTY				KIPS									IN.	IN.														IN.	IN.			MILES	FEET	FEET	FEET	FEET
ALLSEAS GROUP, S.A. Contact: Frank Kluwen, Director; ALLSEAS USA, INC.; 333 N. Sam Houston Pkwy East, Suite 750; Houston, Texas 77060, Phone: (281) 999-3330, Fax: (281) 999-6363; Website: www.allseas.com																																																				
1	2	SOLITAIRE	1998		Varies		DP pipelay vessel	984'	131'	79'	28'	420	●	DP3	17	7	●	●	3	2,316	●					●	●	2	2"	60"			●													42'			50'	>10,000'		9,100'
2	2	AUDACIA	2007		Varies		DP pipelay vessel	738'	106'	63'	27'	270	●	DP3	11	7	●	●	3	1,157	●					●	●	2	2"	60"			●													42'			40'	>10,000'		3,500'
3	2	LORELAY			Varies		DP pipelay vessel	599'	85'	51'	22'	230	●	DP2	7	6	●	●	3	363	●					●	●	2	2"	28"			●													42'			35'	>10,000'		5,410'
4	2	TOG MOR	1997	2002	Varies		Anchored pipelay barge	366'	90'	20'	7'	144	●		5	3	●	●	1	221	●					●	●	2	2"	60"	●	●	●													42'			10'	800'		100'
	2	CALAMITY JANE			Varies		Bury vessel	427'	85	33'	15'	72	●	DP2																												●		4"	48"				30'		2,500'	1,345'
ASCOT CONSTRUCTORS OFFSHORE LTD. Contact: businessdevelopment@ascotafrica.com; www.ascotfrica.com																																																				
	4	ASCOT FORCADOS 1			Choba, Portharcourt		Derrick/pipe Lay Barge	300'	90'	20'	10'/12'	152	●	Anchors	6	4	●	●	1	100	●	●	●	●		●			4"	24"	●	●	●					●				●	●	4"	24"	40'			15'	200'	100'	90'
	4	ASCOT ESCRAVOS 1			Choba, Portharcourt		Pipe Lay Barge	200'	54'	14'	8'/12'	120	●	Anchors	6	5	●	●	1	40	●	●	●	●		●			4"	16"	●	●		●				●				●	●	4"	16"	40'			12'	100'	40'	60'
BISSO MARINE Contact: Roy Buchler, Vice President, Business Development; BISSO MARINE; 11311 Neeshaw Dr., Houston, Texas 77065; Phone: 281-897-1500; Fax: 281-897-1501; Email: info@bissomarine.com; Website: www.bissomarine.com																																																				
		LB MIGHTY CHIEF					Pipelay/Bury	196'	76'	12'	7'	61		7 Point	3	2	●		1	50	●		●	●	●	●	●	3	2"	12"	●			●								●		2"	12"	40'			15'	15'	16'	
		DLB SUPER CHIEF					Derrick/Pipelay/Bury	250'	72'	16'	8'	88		7 Point	4	3	●	●	1	50	●		●	●	●	●	●	3	2"	30"	●			●								●		2"	30"	40'			15'	15'	16'	
		BISSO SUBSEA VISION					Saturation/Pipelay/Bury	400'	100'	25'	15'	100	●	8 Point	5	4	●		1	100	●	●	●	●	●	●	●	3	2"	36"	●			●								●		2"	36"	40'			25'	25'	16'	
		DSV JOSEPH BISSO					Pipelay/Hand Bury/Tie-in	180'	44'	15'	8'	36		4 Point	1	1	●			10	●								2"	8"			●											2"	8"	40'			12'	12'	4'	
		DLB BISSO 800					Derrick/Pipelay/Bury	300'	90'	18'	12'	78	●	8 Point	5	4	●	●		100	●		●	●	●	●	●	3	2"	30"		●	●									●		2"	30"	40'			15'	15'	16'	
CAL DIVE Contact: Rahul Mangire, VP, Commercial; CAL DIVE INTERNATIONAL; 2500 CityWest Blvd, Suite 2200, Houston, Texas 77042; Phone: 877-361-2600; Website: www.caldive.com																																																				
5		RIDER					Pipelay/Bury	260'	72'	16'	7'	88	●	7 Point	3	3					●			●	●	●	●		2"	36"	●	●		●					●			●	●		48"				10'			
6		LONE STAR					Pipelay/Bury	313'	90'	18'	12'	165	●	8 Point	4	4					●			●	●	●	●		2"	36"	●	●	●						●			●	●		48"				15'			
		SEA HORIZON					Derrick/Pipelay	361'	98.4'	25.6'	13.2'	255	●	8 Point	7	5					●			●	●	●	●		2"	36"	●	●		●					●			●	●		48"				15'			
CHET MORRISON CONTRACTORS Contact: Brett Blanchard, Vice President of Subsea Operations - Chet Morrison Contractors; Houma, LA.; Phone: (985) 868-1950, Fax: (985) 868-1970; E-mail: bblanchard@chetm.com; Web Site: www.chetmorrison.com																																																				
7	1	CM 11			Houma, LA		Lay/Bury Barge	195'	46'	13'	5'	50	●	Anchors & Spuds	4	2	●		1	50	●	●	●	●	●	●	●	3	1"	30"	●	●		●					●		●	●	●	2"	48"	40			7'	100'	200'	60'
8	1	CM 9			Houma, LA		Lay/Bury Barge	180'	54'	12'	5'	44	●	Anchors	4	2	●		1	40	●	●	●	●	●	●	●	3	1"	30"	●	●		●					●		●	●	●	2"	48"	40			7'	250'	200'	210'
9	1	CM 15			Houma, LA		Lay/Bury Barge	220'	60'	14'	8'	65	●	Anchors	5	3	●		1	80	●	●	●	●	●	●	●	3	1"	30"	●	●		●				●	●		●	●	●	2"	48"	40			8'	400'	200'	400'
CNOOC Contact: 616# 1078 Danjiang Road, Tanggu District, Tianjin, China 300451 Ph: (86 22)66908018, Fax: (86 22)66908000, Web: www.cnoocengineering.com																																																				
10	6	HAI YANG SHI YOU 201	2012		Tanggu,Tianjin,P.R.C.	N/A	Pipe laying crane vessel	669'	128'	46'	23'/26'	380	●	DP3	6	3			2	800	●								6"	60"			●	●															49'	6,562'		
	6	LANJIANG					Heavy derrick/lay barge	517'	157'	41'	26'																																						26'			
	6	BH109					Lift/pipe laying barge	307'	93'	22'	14'																																									
	6	BH106					Lift/pipe laying barge	262'	75'	16'	673'																																									
EMAS AMC Contact: Jeanne Righter, Vice President, Global Marketing - 2103 CityWest Blvd., Ste 500 Houston, TX 77042; email: Jeanne.Righter@emas.com; Tel: +1 832-487-7307; Website: www.emas.com																																																				
11	6	LEWEK CHAMPION	2007		Asia		DP2 Pipe Lay Barge	466'	131'	33'	21'	358	●	DP2	9	5	●	●	2	441	●				●		●	2	6"	60"	●	●	●													39'	●		28'	4,920'		476'
12		LEWEK CONSTELLATION			Ingleside, TX or As Required	5,280'	DP3 Multi-Lay Vessel w/heavy lift capabilities	587'	151'	51'	28'/35'	239	●	DP3	1	1	●	●	2	1,764	●	●	●	●	●	●	●	2	4"	16" rigid/24" flex								●									●		39'	16,400'		
13		LEWEK EXPRESS			Ingleside, TX or As Required	5,280'	DP MSV	531'	114'	32'	20'	132	●	DP3	1	1	●	●	2	485	●	●	●	●	●	●	●	2	2"	14"								●					●				●		36'	9,840'		8,230'
14		LEWEK CENTURION			Ingleside, TX or As Required		DP PLV	480'	98'	56'	19'/25'	220	●	DP2	9	7	●	●	3	893	●				●		●	2	4"	36"	●	●	●										●			43'			39'	8,200'		450'
HEEREMA MARINE CONTRACTORS U.S., INC. Contact: Bruce Gresham, Vice President North America, Heerema Marine Contractors Us, Inc.; 15600 JFK Boulevard, 3rd floor; Houston, Texas 77032, Phone: (281) 880-1600, Fax: (281) 893-8395, E-mail : bgresham@hmc-heerema.com; Web Site: www.heerema.com																																																				
	7	DCV BALDER	1978	2002	Fourchon, LA		DP Pipelay/Inst. Vessel	505'	282'	138'	36'/90'	400	●	DP3	5	3	●	●		2,300	●		●			●	●	2	6"	32"							●									236'			300'	10,000'		10,000'
15	7	DCV AEGIR			Fourchon, LA		DP RJ-Lay/Deep Sea Construction	689'	152'	52'	26'/30'	305	●	DP3	5	3	●	●		4,400	●		●			●	●	2	6"	32"							●	●								157'	●		300'	11,500'		
LEIGHTON INTERNATIONAL Contact: Russell Waugh, General Manager-Offshore Oil & Gas, 302-303, 3F, Windsor Building, CST Road, Kalina, Santa Cruz (East), Mumbai-400098																																																				
16	6	STEALTH	2006		Singapore		A1 Barge: Accomodation, Pipelay, Work Barge	330'	100'	20'	15'	232	●	Anchored	7	5	●	●	2	220	●		●	●	●				8"	60"	●	●		●					●	●	●					40'			8.2'	328'	N/A	
17	6	ECLIPSE	2008		Singapore		A1, Pipe lay/Accommodation/Work Barge	427'	105'	28'	19'	260	●	Anchored	8	4	●	●	2	264	●		●	●	●				6"	60"	●	●		●					●	●	●					40'			11.48'	492'	N/A	
18	6	FAULKNER	2008		Funafuti, Tuvalu		A1 Barge	250'	80'	16'	11'	32	●	9 point	6	4	●	●	2	120	●		●	●	●				8"	32"																						
McDERMOTT Contact: Wade Boudreaux, Director Business Development, 757 N. Eldridge Pkwy, Houston, TX 77079, 281-870-5000																																																				
19		DERRICK BARGE 50 (DB50)	1988		Morgan City, LA	NA	DP Derrick/Lay Barge	497'	151	41'	31'	320	●	DP2/8-Pt.	8	N/A	●	●	N/A	775/200	●	●	●	●	●	●	●	2+	2"	20"	●					●	●	●								165'	●		400'	>10,000'		4,400'
20		DERRICK BARGE 16 (DB16)	1967	1999	Morgan City, LA	NA	DP Derrick/Lay Barge	400'	100'	28.5'	16'	184	●	DP2/8-Pt.	8	5	●	●	3	300/100	●	●	●	●	●	●	●	2+	2"/4"	10"/48"	●			●		●		●								42'	●		20'	>10,000'		3,500'
21		DERRICK BARGE 27 (DB27)	1974		Dubai, UAE	NA	Derrick/Lay Barge	420'	128'	28'	15.5'	270	●	12-pt	12	5	●	●	2	540	●		●	●	●	●	●	2+	4"	72"	●		●													42'			20'	case by case		3,000'
22		DERRICK BARGE 30 (DB30)	1975		Batam Island, Indonesia	NA	Derrick/Lay Barge	420'	158'	28'	12'/19'	303	●	12-pt	12	5	●	●	2	550	●					●	●	2+	4"	60"	●		●													40'			20'	case by case		3,000'
23		DERRICK BARGE KP1 (KP1)	1974		Batam Island, Indonesia	NA	Derrick/Lay Barge	456'	99'	30'	11.8'/17'	295	●	10-pt	10	5	●	●	2	300	●					●	●	2+	4"	60"	●			●												40'/60'			20'	case by case		2,600'
24		DERRICK BARGE 32 (DB32)	2010		Dubai, UAE	NA	Derrick/Lay Barge	456'	120'	29.5'	15.7'	292	●	10-pt	10	6	●	●	2	240	●					●	●	2+	6"	60"	●		●													42'			10'	case by case		2,600'
		EMERALD SEA	1996		Dartmouth, Nova Scotia	NA	DP SCV Vessel	307	64'	36.5'	28'	109	●	DP2			●	●				●	●	●			●		2"	8"								●				●		6"	40"				25'	3,000'	3,000'	
25		AGILE	1978		Dartmouth, Nova Scotia	NA	DP SCV Vessel	441'	64.6'	43.5'	27.8'	199	●	DP2								●	●	●			●		2"	8"								●				●		6"	40"				25'	3,000'	3,000'	
26		NORTH OCEAN 102 (NO102)	2009			NA	DP SCVessel	451'	89'	32'	22.5'	199	●	DP2					2	240			●	●					4"	16"	●																●					600'
27		LAY VESSEL NORTH OCEAN 105 (LVNO105)	2012		N/A Global	Varies	DP Reel Vessel	451	99	43.5	22.5	129	●	DP2	2	1	●	●	1	992	●	●	●	●		●	●		4"	16"								●				●				NA	●		30	9,800'	varies	4,600'
NORCE OFFSHORE PTE LTD Contact: Stewart Massey, 29 International Business Park #05-06 Acer Building Tower B, Singapore 609923, Tel: + 65 6319 8787, Fax: + 65 6319 8783, www.norceoffshore.com																																																				
28		DLB NORCE ENDEAVOUR			Singapore	N/A	Derrick/Lay Barge	480'	138'	33'	17'/20.3'	280	●	8-point	7	4			2	330	●					●	●	2	4"	48"	●	●		●												42			18	492		
OCEANIC MARINE CONTRACTORS Contact: Amin Jalili, Business Development Deputy; Oceanic Marine Contractors / OMC Ship Management LLC; Office #3600, Al Attar Business Tower, Sheikh Zayed Road, Dubai; PO Box 121631 Dubai, UAE; Phone: +9714 379 9911, Fax: +971 4 379 9922; Email: amin.jalili@oceanicmc.com, Web: www.oceanicmc.com																																																				
29		OCEANIC 5000	2011		UAE	NA	DP2 Heavy Lift/Double Joint Pipe Lay	646'	157'	47'/65'	22'/24'	398	●	DP	9	4			3	529	●	●	●	●	●				6"	60"	●	●	●			●						●	●			40			30'	30'-985'		
SAIPEM AMERICA INC. Contact: Mauro Piasere - President and CEO (Phone: 281-552-5710); Mario Fuzetti - Director of Commercial and Business Development (Phone: 281-552-5706); Bubba Guarino - Manager (Phone: 281-552-5700), SAIPEM AMERICA INC.; 15950 Park Row; Houston, TX 77084; Fax: (281) 552-5915; e-mail: bubba.guarino@saipemamerica.com																																																				
30	3	SAIPEM 3000	1976	2003	Project Driven		Heavy Lift DP Vessel	531.5'	126.7'	29.5'	22'	195	●	DP3			●	●				●	●	●	●											●		●	●	●	●						●		52'	10,000'		5,000'
31	3	CASTORO SEI			Project Driven		Semi-sub Lay Barge	498.7'	213.3'	98.4'	47.6'	342	●	12 Point	6DJ	3DJ	●	●	3	859	●					●	●		6"	60"	●	●	●													84'			40'	3,500'		4,100''
32	3	CASTORO OTTO			Project Driven		Derrick/Lay Barge	629.9'	114.8'	49.2'	32.8	356	●	12 Point	9	5-6	●	●	3	595	●					●			6"	60"	●	●	●													84'			29'	1,200'		1,200'
33	3	SAIPEM 7000			Project Driven		Derrick/J-Lay Barge	649.6'	285.4'	142.7'	88.6'	725	●	DP3/14-Point	2QJ	1QJ	●	●	3	1,160/2,200	●	●	●			●			4"	32"							●		●	●	●					168'	●		108'	10,000'		7,500'
34	3	CASTORO 10			Project Driven		Lay / Trenching Barge	456'	120'	30'	14'8"/17'1"	200	●	8 Point	6	3	●	●	2	400	●				●	●			4"	40"	●	●		●								●		4"	60"	42'			21'	800'	800'	
35	3	SEMAC 1			Project Driven		Semi-sub Lay Barge	487.3'	180.1'	91.3'	23'/44'3"	362	●	12 Point	7DJ	4DJ	●	●	3	600	●				●	●	●	2	6"	60"	●	●	●													84'			32'	2,000'		
36	3	SAIPEM FDS			Project Driven		Field Development Ship	536'	99'	41'	24.3'/26.2'	236	●	DP-Class III	1QJ	1QJ	●	●	3	1,210/1,650	●	●	●	●		●	●	2	4"	20"						●	●	●	●	●	●					168'	●	10,000'	52'	10,000'		
37	3	CASTORO 7			Project Driven		Semi-sub Lay Barge	549'	192'	65'	37.7'/65.6'	401	●	14 Points	7DJ	4DJ	●	●	5	750	●				●	●	●	3	8"	60"	●	●	●													84'			50'	1,500'		
38	3	CASTORONE			Project Driven		DP Lay Vessel	1082'	128'	78'	26.24'/34.77'	702	●	DP3/8-Points	7TJ	3TJ-4TJ	●	●	3	1,650/3,306	●				●	●	●	2	8"	60"	●	●	●				●		●	●	●					126'	●		37.7'	10,000'		
	3	SAIPEM FDS 2			Project Driven		Field Development Ship	600.4'	105.6'	47.6'	26.24'/31.16'	325	●	DP-Class III	2QJ	1QJ	●	●		3,306/4,400	●	●	●	●		●			4"	36"						●	●	●	●	●	●					168'	●		52'	10,000'		
39	3	CASTORO II			Project Driven		Derrick/Lay Barge	442.9'	106.9'	29.5'	8'/18'	290	●	11 point	8	5	●	●	2	400	●				●	●	●	2	8"	72"	●	●		●												42'			22'	800'		
	3	S 355			Project Driven		Derrick/Lay Barge	354.3'	98.4'	24.6'	8.6'/15.2'	206	●	12 point	6	4	●	●	2	220	●				●	●	●	3	3"	48"	●	●		●												42'			20'	600'		
40	3	CRAWLER			Project Driven		Derrick/Lay Barge	493.7'	112.4'	46.6'	23'/34.56'	230	●	12 point	8	4	●	●	2	160	●				●	●	●	3	4"	48"	●	●		●												42'			32'	400'		
	3	SB 230			Project Driven		Lay Barge	230'	74.8'	14.9'	8.2'/10.56'	117	●	10 point	5	2	●	●	1	55	●				●	●	●	3	4"	30"	●	●		●												42'			20'	160'		
		CASTORO 12			Project Driven		Shallow water pipelay barge	348'	96'	16.4'	4.6'	150	●	10 point	9	3	●		1	66										40"																39'						
SEA TRUCKS GROUP Contact: Corrie van Kessel at corrievankessel@seatrucksgroup.com																																																				
		JASCON 18			worldwide		DP Lay Crane Accom	492'	120'	50'	20'	400	●	DP3	7	5+1	●	●	3	1,322	●	●	●	●	●	●	●		4"	60"	●	●	●			●																
41		JASCON 25	2009		worldwide		DP Lay Crane Accom	390'	100'	27'	16'	355	●	DP3	6	3+1	●	●	2	265	●	●	●	●	●	●	●		4"	60"	●	●		●		●																
42		JASCON 30	2007		worldwide		DP Lay Crane Accom	365'	100'	20'	15'	298	●	DP 3/10-Point	6	3+1	●	●	3	220	●	●	●	●	●	●	●		4"	60"	●	●		●		●																
43		JASCON 34	2010		worldwide		DP Lay Crane Accom	390'	100'	27'	16'	355	●	DP3	6	3+1	●	●	2	265	●	●	●	●	●	●	●		4"	60"	●	●		●		●																
		JASCON 35	2009		worldwide		DP Lay Crane Accom	492'	130'	50'	20'	400	●	DP3	7	5+1	●	●	2	882	●	●	●	●	●	●	●		4"	60"	●	●	●			●																
44		JASCON 2		2009	West Africa		DP Lay Accom	260'	116'	14'	10'	220	●	8-Point	5	3+1	●	●	1	55	●	●	●	●	●	●	●		4"	32"	●	●		●		●																
SUBSEA 7 Contact: Julie Gauld, Global Corporate Communications Manager; SUBSEA 7 (US) LLC; 2101 CityWest Blvd, Building 1, Suite 200; Houston, Texas 77042-3021; E-mail: Julie.Gauld@Subsea7.com; Website: subsea7.com																																																				
45		NORMAND SEVEN			Project Driven	2,900'	DP Pipelay Vessel	426'	92'		28'	100	●	DP3						600			●															●									●			6,560'		
46		SEVEN OCEANS	2007		Project Driven	2,900'	DP Pipelay Vessel	516'	93'	41'	24'	120	●	DP2					1	800	●		●						6"	16"								●									●			9,842'		
47		SEVEN NAVICA	1999		Project Driven	2,900'	DP Pipelay Vessel	356'	72'	29'	24.6'	72	●	DP2	1	1	●	●	1	500	●	●	●	●		●	●	2	2"	19"								●								42'	●		30'	9,500'+		6,600'
48		KOMMANDOR 3000	1984	1999	Project Driven	2,900'	DP Pipelay Vessel	388'	69'	33'	16'	73	●	DP2					6	440			●	●	●		●	3	2.5"	12"			●	●				●									●		30'	3,280'		3,280'
49		LOCHNAGAR	1982	1998	Project Driven	2,900'	DP Pipelay Vessel	349'	75'	32'	19'	73	●	DP2					6	510			●	●	●		●	3	2.5"	16"			●	●				●									●		30'	6,560'		4,920'
		SEVEN SEAS	2008		Project Driven	2,900'	DP Multi-Purpose Vessel	503'	93'		25'	120	●	DP2					2	860			●														●													9,842		
		SEVEN PACIFIC	2010		Project Driven	2,900'	DP Multi-Purpose Vessel	437'	79'	33'	21'	100	●	DP2						520			●	●																										9,842		
50		SKANDI NEPTUNE	2001	2005	Project Driven	2,900'	DP Multi-Purpose Vessel	342'	79'	34'	18'	106	●	DP2					2	200			●	●					3	16																				8,842		
51		ACERGY DISCOVERY	1990		Project Driven		Flexible Pipelay/Construction Ship	409'	64'		21'	97	●	DP2									●																								●					
52		ACERGY POLARIS	1979		Project Driven		Derrick Lay Barge	449'	128'	30'	16'	263	●	DP3	7	4	●	●	2	250/1,680	●				●	●			4"	48"/24"			●				●												25'			
53		ACERGY EAGLE	1997		Project Driven		Flexible Pipelay/Construction Ship	467'	64'		22'	101	●	DP2						200		●	●	●					2"	24"																	●		30'			
54		SEVEN MAR	2001		Project Driven		Flexible Pipelay/Construction Ship	485'	89'	44'	26'	121	●	DP3						760			●	●					3"	20"																	●		50'			
55		SKANDI ACERGY	2008		Project Driven		Heavy Construction Ship	515'	89'	40'	28'	140	●	DP3						280			●	●					2"	14"																	●		25'			
		SAPURA 3000	2008		Project Driven		Heavy Lift and Pipelay Ship	496'	124'	49'	21'	330	●	DP2	10	6	●	●	3	540/800	●	●	●	●	●	●	●	1	6"	36"/20"	●	●	●				●												30'			
56		SKANDI SEVEN	2008		Project Driven		Flexible Pipelay/Consruction Ship	396'	75'	30'	20'	120	●	DP3																																						
57		SEVEN WAVES			Project Driven		Flexible Pipelay	490'	98'	43'	24'	120	●	DP2						550			●																											>8,000'		
		SEVEN BOREALIS	2012		Project Driven		Pipelay/Heavy Lift	598'	151'	53'	28'-38'	399	●	DP3	13				3	600	●								4"	24"/46"			●				●													9,500'+		
		SEVEN BOREALIS			Project Driven		Pipelay/Heavy Lift	598'	151.5'	53'	23'-38'	231	●	DP3	13																																					
SWIBER HOLDINGS Contact: Silvia Heng, Singapore, +65 6505 0800, silvia@august.com.sg, +65 6733 8873																																																				
	6	SWIBER CHAI	2009		China		Derrick pipelay barge	394'	125'	20'	36'	300	●		7	5	●	●		240									6"	60"																						
	6	SWIBER CONCORDE	2008		South-East Asia		Pipelay barge	371'	94'	24'	13'	248	●		7	5	●	●		240									8"	60"																						
58	6	SWIBER CONQUEST	2007		South-East Asia		Accommodation/pipelay barge	354'	100'	14'	15'	280	●		7	5	●	●		240									8"	60"																						
	6	SWIBER GLORIOUS	2006		South-East Asia		Accommodation/pipelay barge (optional)	371'	92'	23'	16'	300	●																																							
	6	AZIZ	2010		South-East Asia		Accommodation/pipelay barge	366'	104'	14'	15'	300	●			5	●	●		240									4"	60"																						
		1 MAS 300	2010		South-East Asia		Pipelay/Accommodation	366'	104'	24'	15'	300	●		7	5	●	●		240									4"	60"																						
		PJW 3000	2010		South-East Asia		Derrick Pipelay/Accommodation	554'	151'	44'	30'	310	●		7	5	●	●		240									4"	48"			●													40'						
		SWIBER RESOLUTE	2009		South-East Asia		Derrick Pipelay/Accommodation	416'	128'	29'	20'	300	●		7	5	●	●		240									4"	60"																						
		SWIBER RESOLUTE					Derrick Pipelay/Accommodation	416'	128'	29'	20'	300	●																																							
TECHNIP Contact: Byron Baker, VP AMOS, Technip - 11720 Katy Freeway, Suite 110, Houston, Texas 77079, USA Tel: 281 870 1111 or 281 249 3419, Email: byronb@technip.com, or Web Site: www.technip.com																																																				
59		1200	2010				DP-2 Derrick/Lay Vessel	532.4'	105.6'	52.8'	20.4'/21.8'	264	●	DP-2/8-Point	10	5	●	●	3	827	●					●	●	2	4"	60"	●	●	●													42'			45'	>8,000'		5,400'
Contact: Brennan Roy, BD Manager - Email: brroy@technip.com, tel: 281 249 7613; Mike Songer, BD Manager - Email: msonger@technip.com, tel: 281 249 4162 - 11700 Katy Freeway, Suite 150, Houston, Texas 77079, USA																																																				
60	3	DEEP CONSTRUCTOR	1980	2001	Theodore, AL when in GOM		DP MSV	416'	67'	27'	27'	109	●	DP3	1	1		●	2	440	●	●	●	●	●	●	●	2	2"	14"							●	●				●	●	2"	12"	84'	●		200'	5,000'		
61	3	APACHE II	2009		Theodore, AL when in GOM	4,800'	DP Reel Ship	450'	89'	38'	22'	120	●	DP3	1	1		●	1	411	●	●	●	●	●	●	●	2	2"	18"								●									●		50'	5,000'		
62	1	DEEP BLUE	2001		Theodore, AL	4,800'	DP Reel Ship	677'	105'	58'	33'	120	●	DP3	1	1		●	2	1,697	●	●	●	●	●	●	●	3	2"	28"							●	●					●			160'	●		246'	10,000'		
	1	DEEP ENERGY	2013		Theodore, AL	4,800'	DP Reel Ship	636'	101'	50'	27'	140	●	DP3	1	1	●	●	2	1,000	●	●	●	●	●	●	●	3	2"	18"								●									●		50'	10,000'		
Contact: Nicolas Maurisset - 6-8, Allée de l'Arche - 92400 Courbevoie - France - Tel: 33 1 4778 6218 - Email: nmaurisset@technip.com																																																				
		1201	2011				DP-2 Derrick/Lay Vessel	532.4'	105.6'	52.8'	20.4'/21.8'	264	●	DP-2/8-Point	10	5	●	●	3	827	●					●	●	2	4"	60"	●	●	●													42'			45'	>8,000'		623'
VAN OORD Contact: Robert de Bruin, Manager Communication & Markets - Schaardijk 211, 3063 NH Rotterdam, The Netherlands, Email: robert.debruin@vanoord.com, tel: +31 88 826 8234, Website: www.vanoord.com																																																				
63		STINGRAY	2012				Shallow water pipelay barge	394'	132'	29.5'	16.4'	300	●		7	3			2	280									6"	60"																						


CONTRACTOR PIPELAY/BURY CAPABILITIES (BY WATER DEPTH)


CONTRACTOR PIPELAY/BURY CAPABILITIES (BY PIPE DIAMETER)

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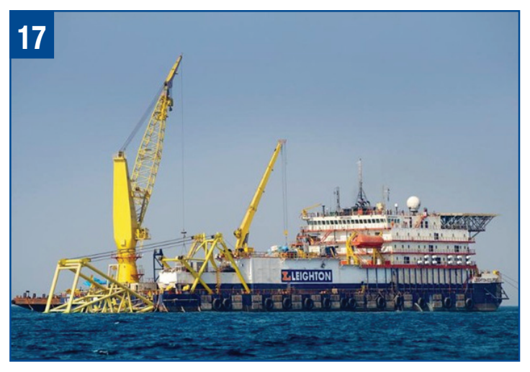
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