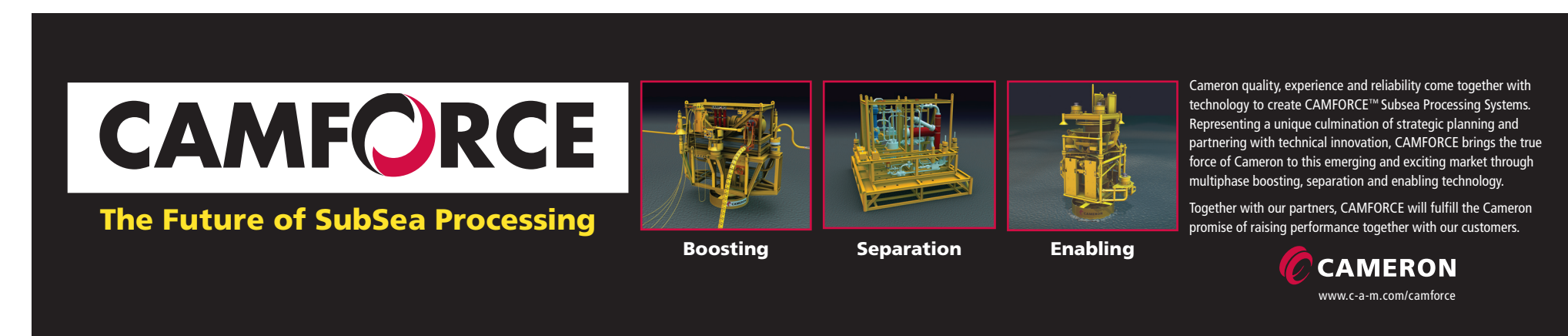
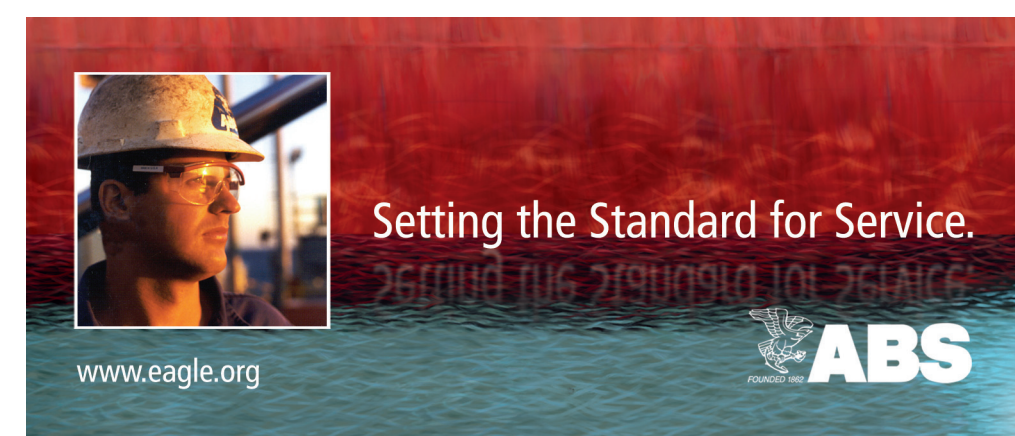


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2008 DEEPWATER SOLUTIONS & RECORDS FOR CONCEPT SELECTION

Going Deeper with Production Technology
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Deepwater System Types

Deepwater System Types by Location (Water Depth > 1,000')	AMERICAS	N. EUROPE	AFRICA	WEST AFRICA	ASIA & SE ASIA	MED. & RED SEA
Compliant Towers	2	2	2	2	2	2
SPARs	1	1	1	1	1	1
TLPs	1	1	1	1	1	1
Semi-Submersibles	1	1	1	1	1	1
Subsea Tiebacks	1	1	1	1	1	1

Spar Cycle Time Analysis - Discovery to First Production

Project	Discovery	Sanction	Production
Nansen	28.0	24.0	24.0
Red Hawk	10.0	24.2	35.1
Horn Mountain	14.6	25.1	39.7
Quantum	17.0	25.7	42.6
Form Frontier	11.7	25.9	46.4
Devils Tower	16.0	32.1	49.9
Medusa	16.0	32.8	49.6
Constitution	26.2	36.4	52.6
Boonwaga	20.5	23.7	54.2
Com 1	25.4	32.1	61.9
Holstein	31.0	34.9	69.5
Mad Dog	37.4	34.3	74.6
Tanah	40.1	34.3	74.6
Perdido	55.0	39.1	93.7
Minerva	57.0	40.1	105.5
Hephreus	66.1	46.3	112.1
Hoover/Diana	64.5	59.3	117.7
Genesis	80.2	44.4	124.6

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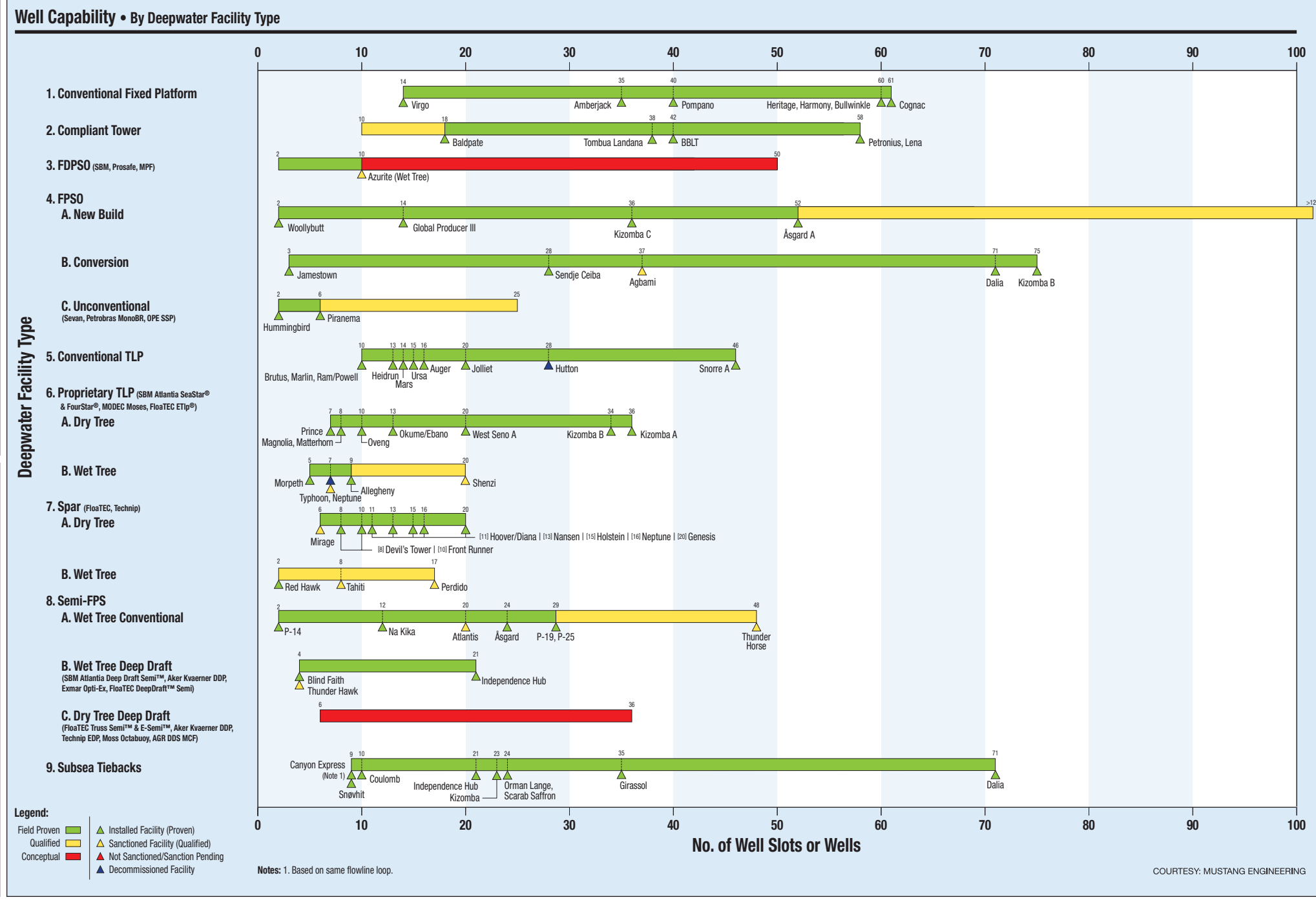
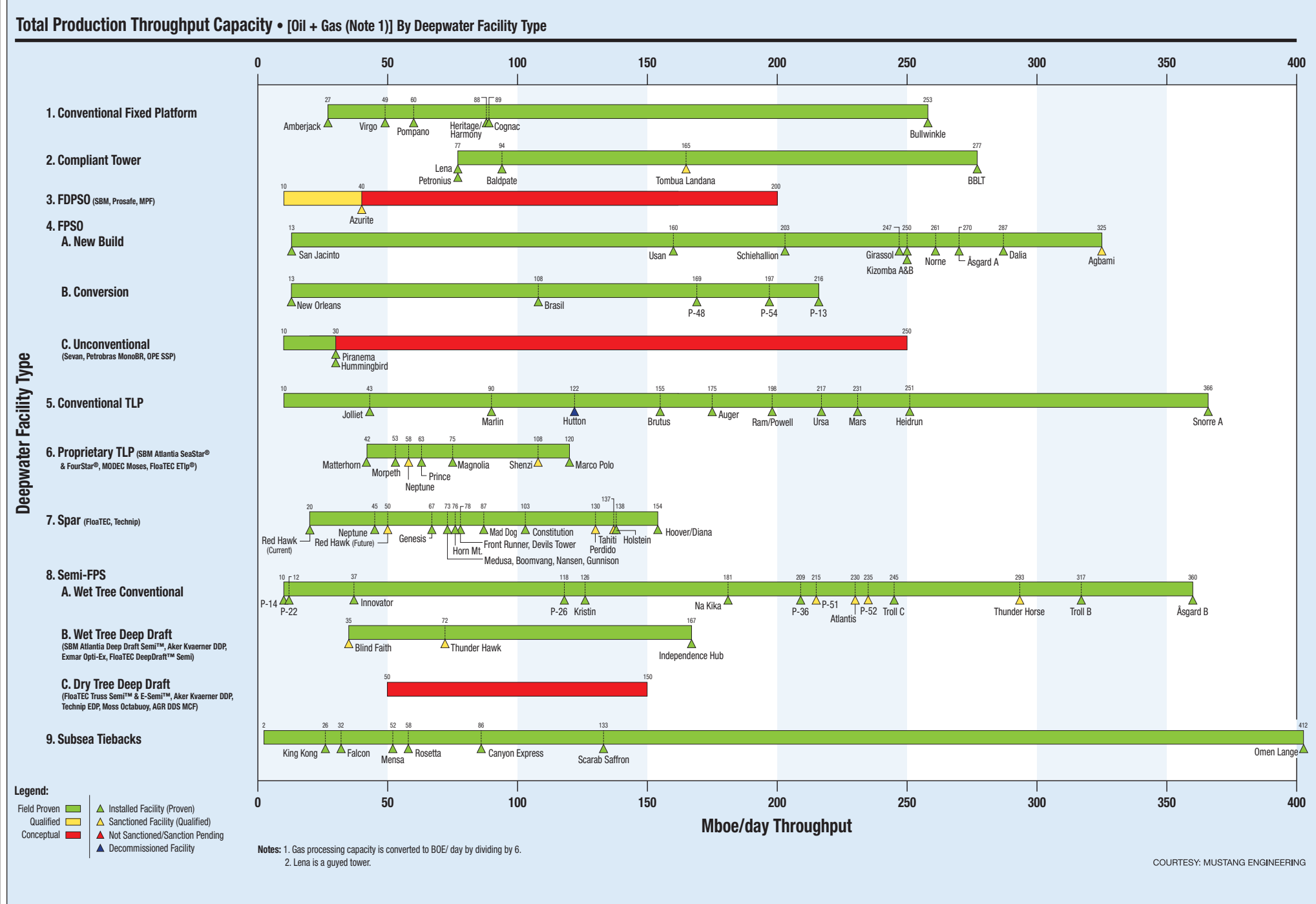
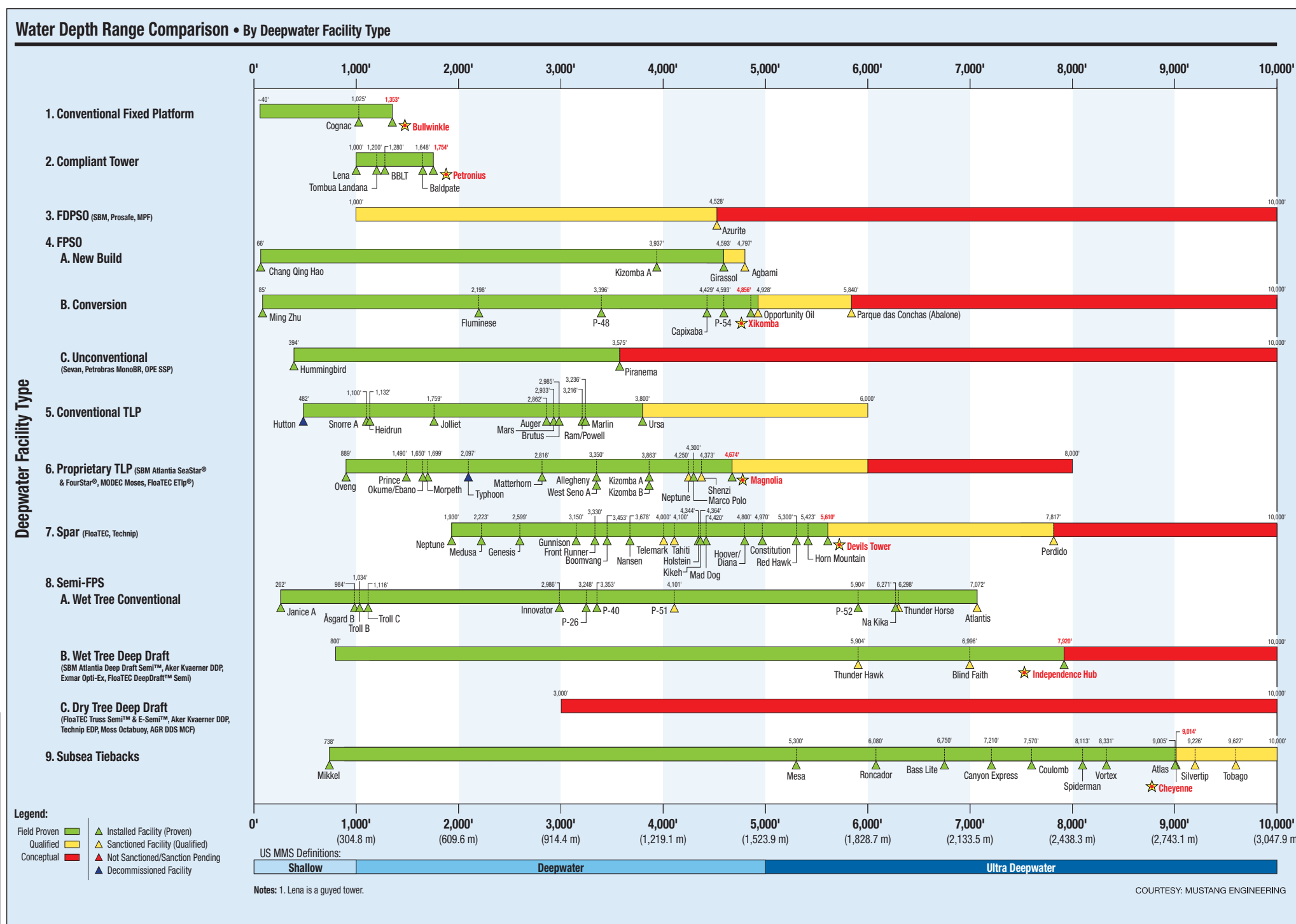
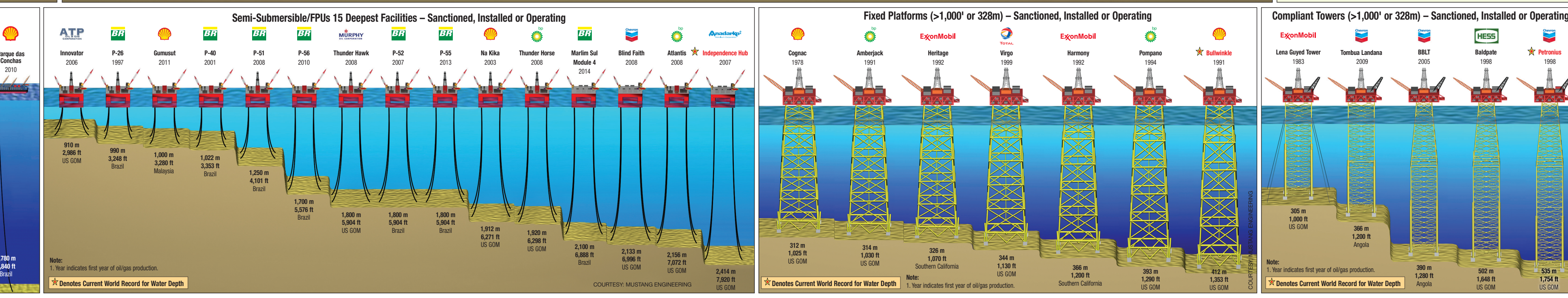
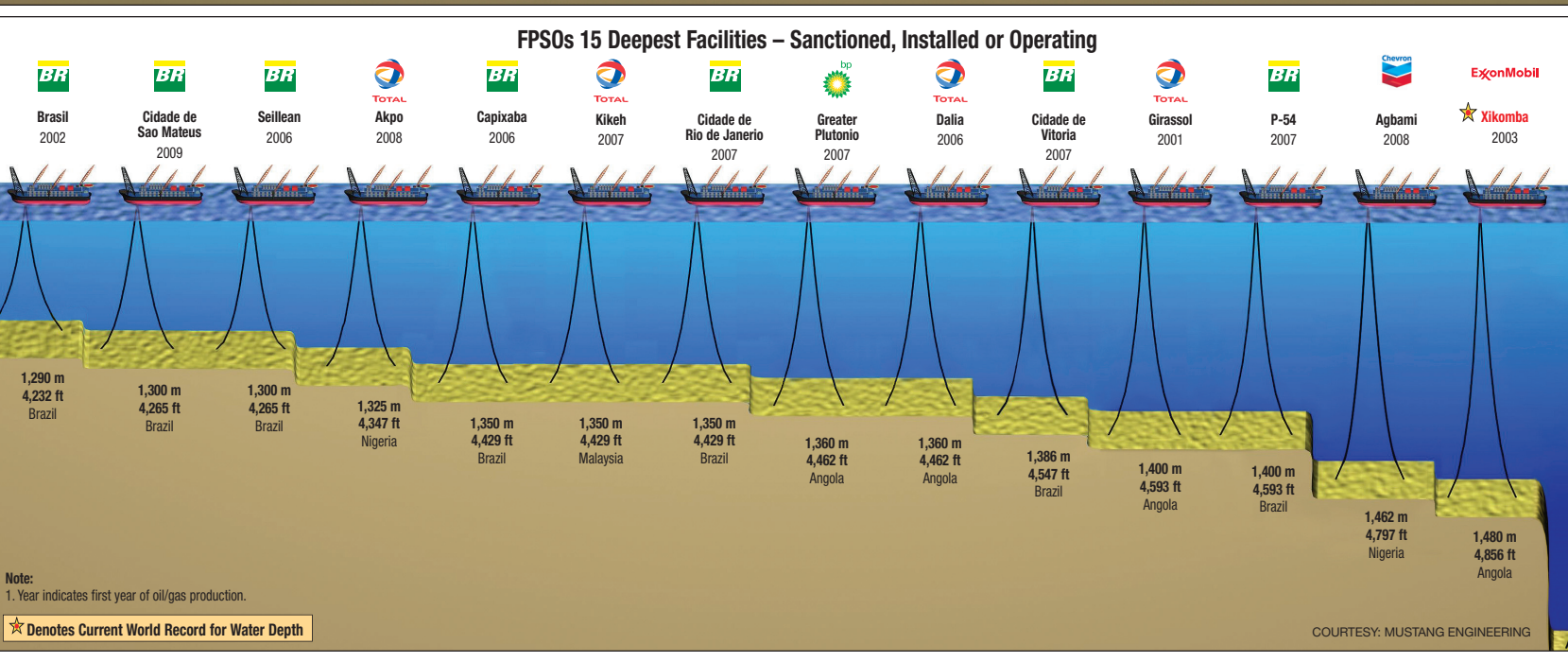
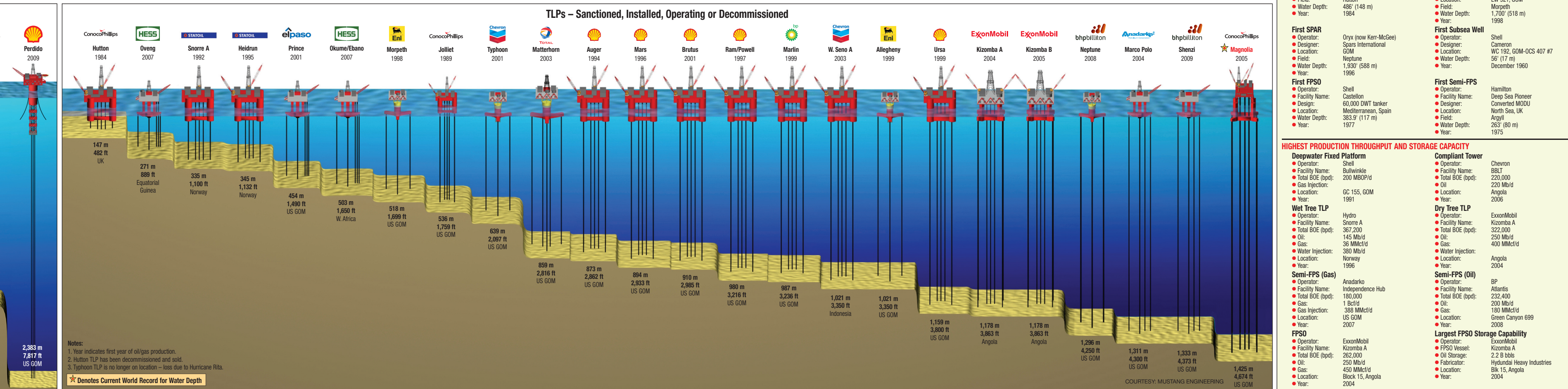
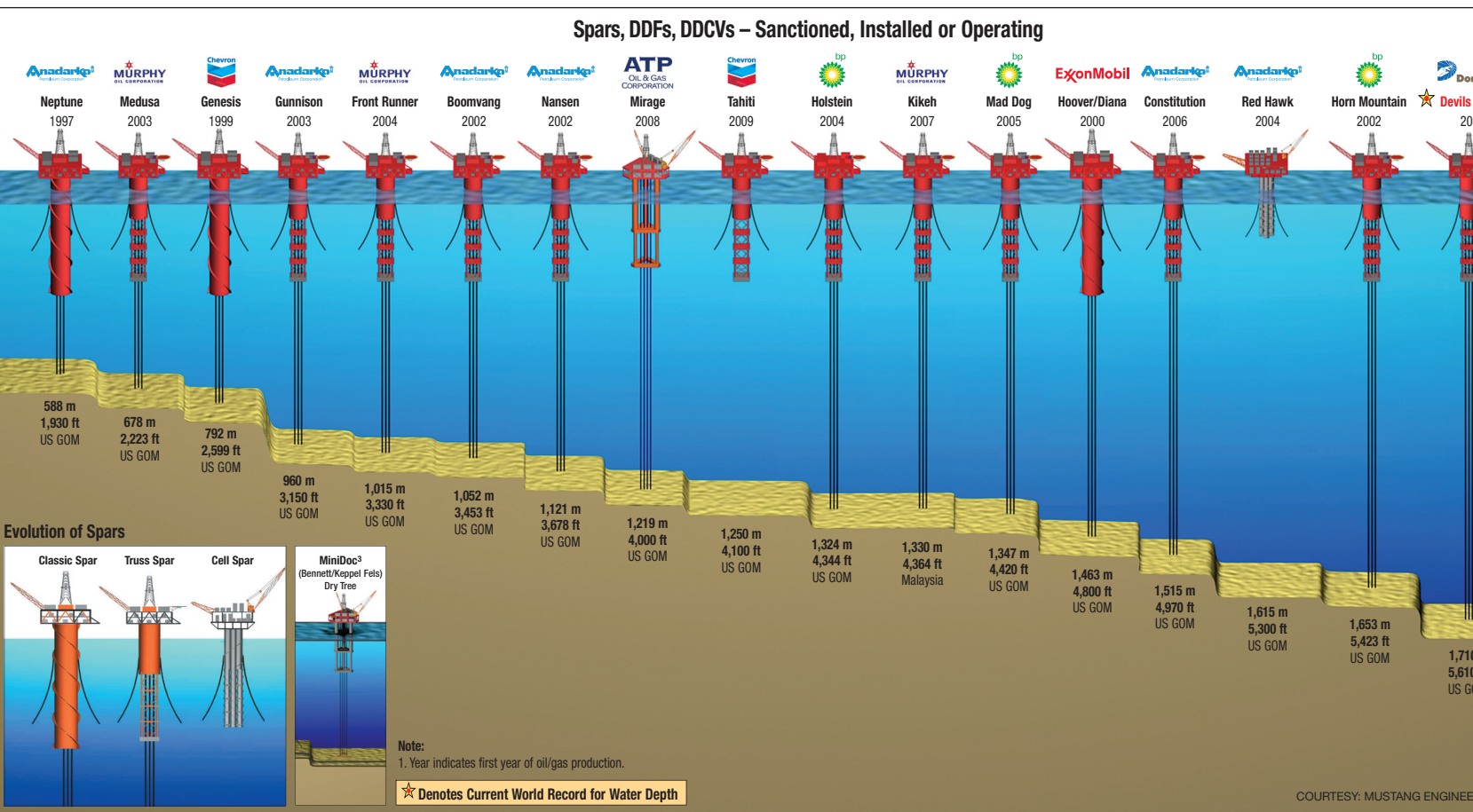
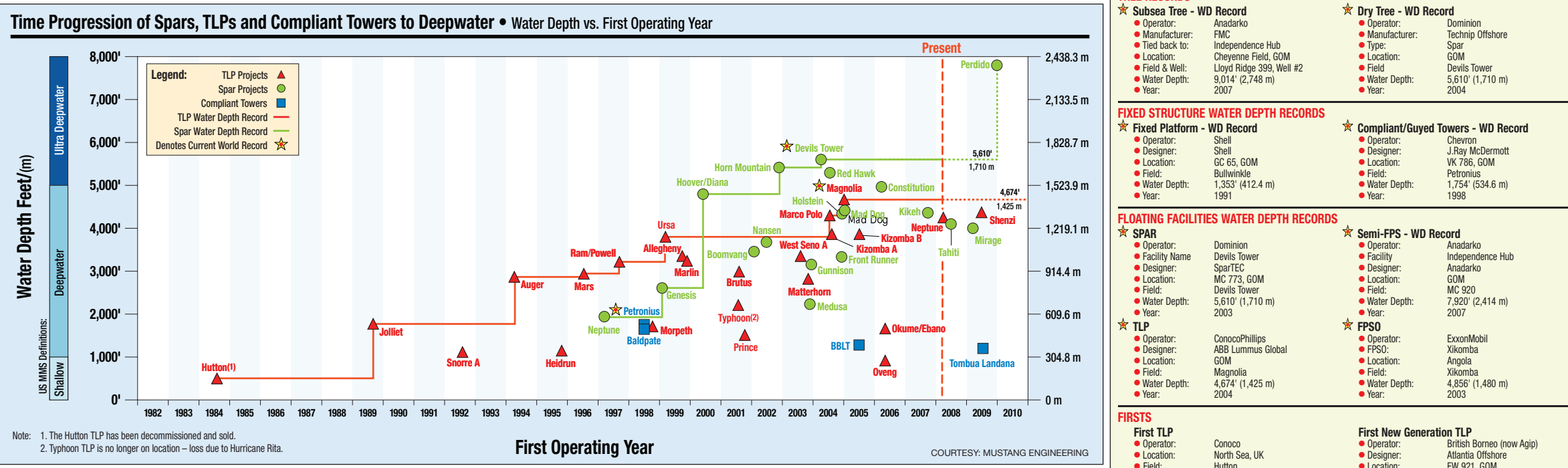
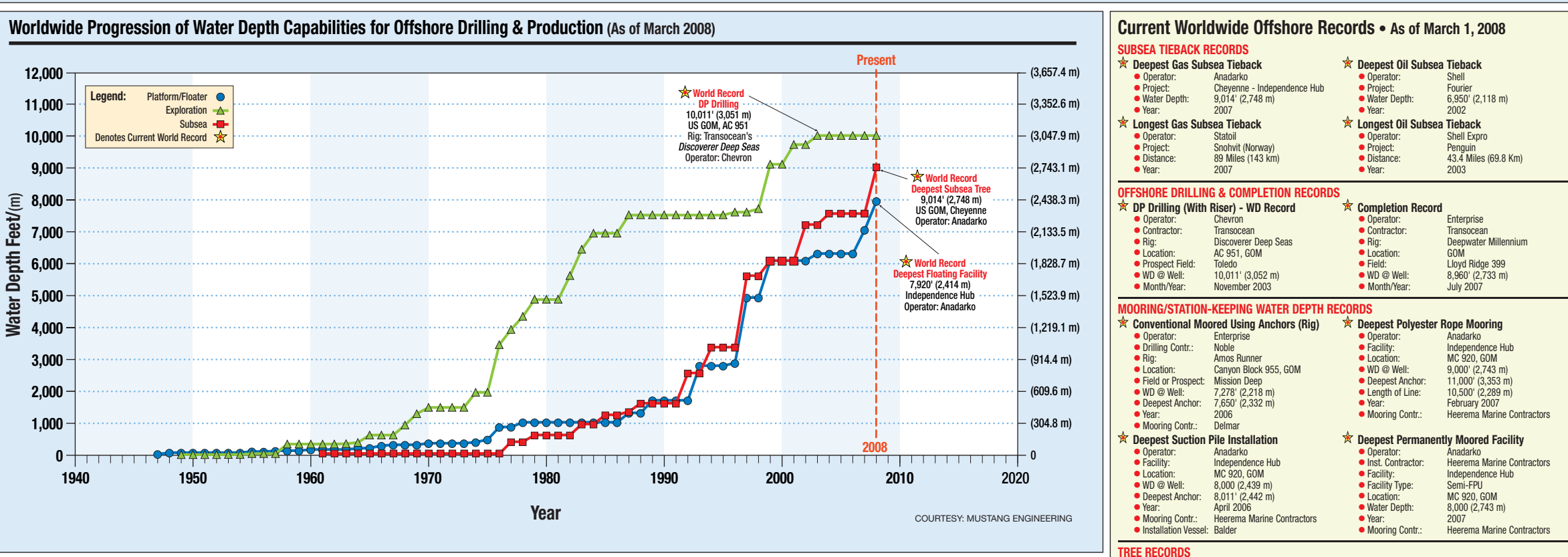
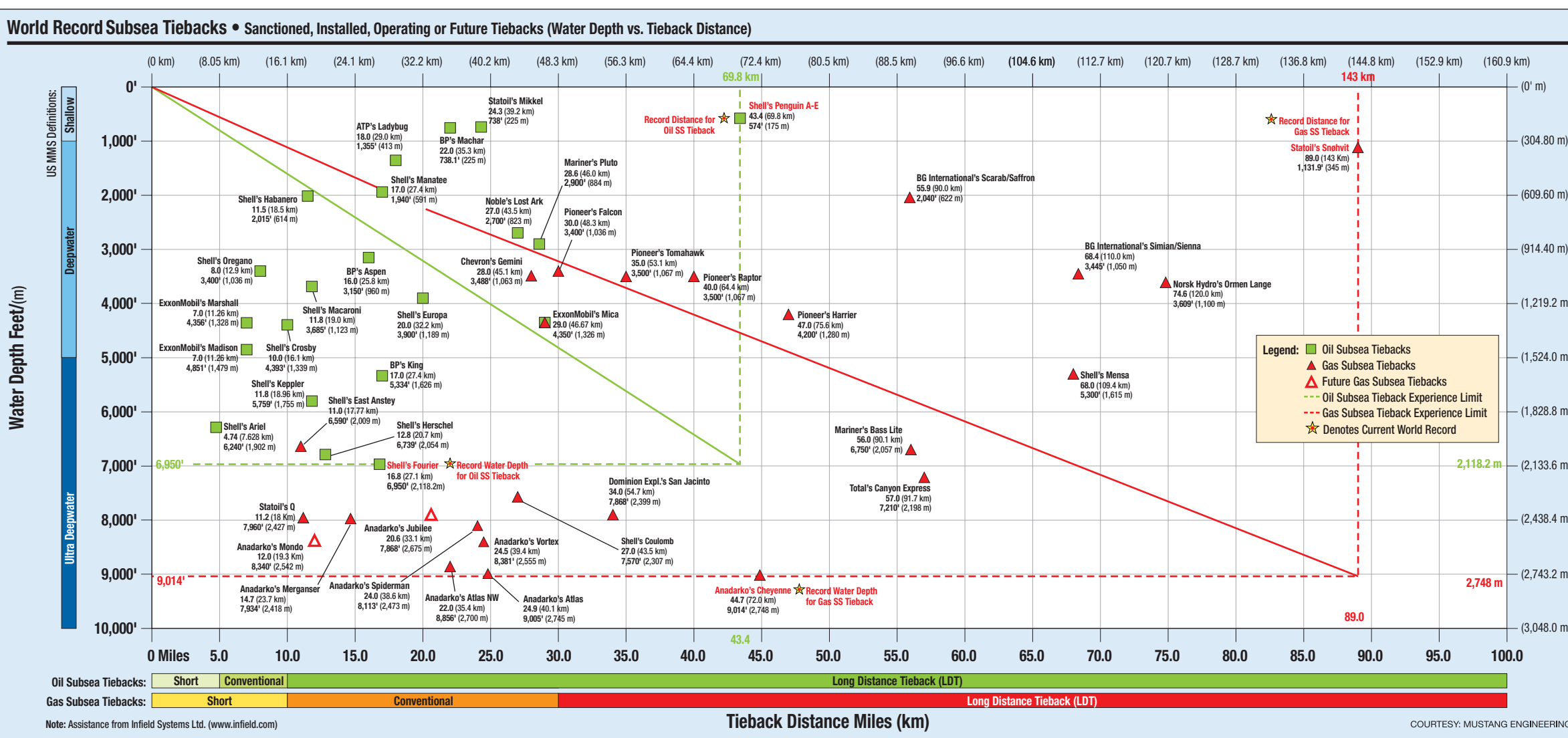


Industry Acronyms

CS	Compliant Tower	FPSP	Fixed Platform
CCP	Compliant Tower	FTS	Fixed Platform
CT	Compliant Tower	HTS	Heavy Tensioned Spar
CCS	Compliant Tower	HTS	Heavy Tensioned Spar
CCS	Compliant Tower	HTS	Heavy Tensioned Spar
CCS	Compliant Tower	HTS	Heavy Tensioned Spar

TLP Cycle Time Analysis - Discovery to First Production

Project	Discovery	Sanction	Production
Typhoon	24.4	17.1	41.5
Marco Polo	18.4	31.0	50.4
Matherhorn	27.8	27.7	50.5
W. Seno A	14.3	52.2	59.5
Magnolia	31.0	33.0	67.4
Ovevik	37.0	31.0	68.0
Kizomba B	35.0	36.8	74.8
Okavango	38.5	29.9	75.3
Marlin	43.2	34.3	74.3
Auger	29.5	51.3	77.4
Shenoi	42.3	36.3	79.2
Kizomba B	50.0	35.9	85.6
Primo	68.1	31.7	85.7
Mare	52.9	33.2	86.6
Alphagou	73.9	26.2	94.2
Julliet	54.4	45.3	99.7
Ursa	68.3	31.7	100.0
Hedrum	71.1	55.1	124.2
Hulk	81.6	47.8	129.4
Ram-Power	115.8	31.6	147.4
Brunel	117.2	30.2	147.5
Serra A	101.0	50.3	151.5
Morphy	187.1	20.7	207.9



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Magnolia TLP	Okume Complex TLP's	Sanha FPSP	Alvheim FPSP	Frade FPSP	
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