

TECHNIGRADE: A COMPREHENSIVE NUMERICAL RELATIVE STRENGTH RANKING SYSTEM

#	MICROGROUP	MONTH DAY	6 20	6 13	6 6	5 30	5 23	5 16	5 9	5 2	4 25	4 17	4 11	4 4	3 28	3 21	3 14	3 7	2 28	2 21	2 14	2 7	1 31	1 24	1 17	1 10	1 3	MACE Cycle/ Week	40WK MA	RATINGS REL / ABS WEEKS			
100	Energy (Unwtd)		7	6	14	16	15	16	15	16	14	12	14	14	7	8	10	15	13	11	12	13	12	8	5	6	8	U1	4	+-	3	D	92
100	Energy (Wtd)		7	6	14	14	13	13	12	12	8	6	8	7	3	3	5	8	7	8	11	12	14	11	6	8	13	U1	2	++	3	D	92
101	Oil, Integrated	+	4	4	13	13	12	12	10	11	7	7	8	4	2	2	3	6	6	6	10	12	15	16	11	10	16	U2	2	++	2+	C+	1
102	Oil & Gas, Independent, Pri.	+	5	4	13	16	14	14	13	14	12	9	11	9	2	3	5	11	7	4	7	10	10	5	3	3	9	U2	1	++	3+	D	2
103	Oil & Gas, Independent, Sec.	+	7	6	17	17	14	15	18	19	19	17	19	19	10	12	15	19	16	12	12	14	14	7	3	3	8	U1	4	--	3+	D	1
104	Oil & Gas, Independent, Emrg.	+	6	5	17	19	18	19	18	20	19	17	19	19	12	13	17	19	17	15	15	17	16	11	5	4	9	U1	3	--	3+	D	1
105	Oil & Gas, Independent, Micro Cap	+	9	9	19	19	19	19	19	19	19	17	19	17	13	15	16	19	18	16	15	17	16	9	4	4	10	U1	3	--	4	D	10
106	Oil Drilling	+	13	7	19	20	20	20	20	20	20	20	20	20	19	20	20	20	20	20	20	20	19	17	15	14	18	U1	2	--	3+	D	1
107	Oil Equipment & Services, Pri.	+	9	7	17	19	18	18	18	18	17	12	15	16	6	9	11	12	12	11	13	14	16	13	7	12	15	U1	2	--	3+	D	1
108	Oil Equipment & Services, Sec.		13	12	17	19	20	20	20	19	19	17	19	19	12	14	16	18	13	11	10	12	10	4	3	5	5	U1	2	--	4	D	11
109	Oil Equipment & Services, Emerg.	+	4	4	12	16	15	17	16	17	18	16	19	18	9	10	10	15	8	7	7	11	8	3	2	3	4	U1	4	++	2+	C+	1
110	Oil Equipment & Services, Micro Cap		20	20	20	19	18	19	17	12	13	18	20	16	10	6	10	11	11	5	4	8	2	1	1	3	2	D3	10	--	4	D	5
111	Computer-Aided Exploration	+	1	15	14	19	16	17	13	7	7	12	10	9	7	3	2	3	1	1	1	1	1	1	2	2	1	U1	2	++	4	D	5
112	Oil Refining & Marketing, Pri.	+	2	3	8	6	5	2	7	12	12	13	14	14	5	5	5	8	7	6	9	13	16	13	13	17	19	U2	5	++	2+	C	1
113	Oil Refining & Marketing, Sec.	+	1	2	7	4	2	2	9	15	16	16	17	18	14	14	17	19	18	18	18	18	17	16	8	10	16	U2	4	++	2	C	5
114	Pipelines, Pri.		12	10	12	12	10	12	10	7	4	3	4	3	2	3	3	5	4	6	7	7	7	4	4	4	6	U1	3	++	3	C	7
115	Pipelines, Sec.		9	6	12	11	10	17	16	13	9	7	10	6	2	2	4	7	5	6	7	8	7	4	3	3	7	U2	2	++	3	C	10
116	Pipelines, Micro Cap		3	2	2	2	3	6	3	3	2	1	3	4	1	1	1	2	1	1	2	3	3	5	2	6	6	U3	7	++	2	B	24
117	Natural Gas Integrated/Dvsfd.		16	15	18	18	17	19	9	10	9	5	7	8	3	2	4	9	8	7	7	9	8	3	2	2	2	D3	11	-+	4	D	5
118	Gas Gathering & Marketing, Pri.	+	2	2	3	10	9	14	13	11	7	4	6	9	3	1	2	2	1	2	3	3	2	2	1	1	3	U2	3	++	2+	B+	2
119	Gas Gathering & Marketing, Sec.		19	19	20	20	19	20	20	20	18	18	19	14	11	9	10	14	8	6	6	4	3	3	3	4	8	D3	11	--	4	D	10
120	Propane, Marketing/Distribution	+	4	7	14	12	13	15	15	15	12	7	7	4	3	3	3	3	3	4	5	4	5	7	5	5	4	U2	1	++	3+	C+	2
121	Coal Mining		15	12	15	14	12	12	15	10	7	5	7	15	13	15	14	19	19	19	19	19	19	15	16	17	13	U1	8	--	4-	D	2
122	Oil & Gas Royalty Trusts, Pri.		15	12	15	17	14	13	12	8	6	5	8	8	5	6	6	7	6	7	8	9	11	8	4	3	6	D3	15	-+	4	D	3
123	Oil & Gas Royalty Trusts, Sec.		8	6	11	8	6	10	7	8	4	3	5	6	5	7	8	14	15	13	15	18	19	15	8	5	9	U2	5	++	3	C	6
124	Oil & Gas, Canadian	+	1	1	4	5	3	7	9	12	7	4	8	7	3	4	7	13	13	10	14	15	18	16	14	6	13	U3	2	++	2	B+	3
125	Oil & Gas, South America	+	10	7	17	17	13	17	17	18	14	9	11	8	5	5	5	10	11	6	9	11	9	11	5	2	3	U1	3	-+	3+	D	1
126	Oil & Gas, Europe & Asia		1	1	6	5	4	11	6	8	6	5	6	5	2	3	4	6	6	5	8	11	12	12	9	6	10	U3	2	++	2	B+	3
200	Basic Materials (Unwtd)		6	4	5	8	7	11	6	6	4	5	5	8	5	5	5	8	13	12	13	12	14	14	14	15	18	U2	1	++	4	D	46
200	Basic Materials (Wtd)		7	5	7	8	6	9	5	5	4	4	4	7	4	5	4	5	11	10	11	12	14	15	15	16	19	U3	7	+-	4	D	46
201	Aluminum	-	8	3	5	12	11	12	14	13	16	18	17	18	13	7	4	6	12	16	16	17	19	17	11	15	19	U2	3	--	2+	C+	2
202	Steel, Domestic		8	8	8	14	13	15	14	9	10	10	11	14	11	14	10	14	10	11	14	16	17	18	18	20	20	U2	1	--	3	D	16
203	Steel, International		11	8	9	13	11	12	9	7	6	7	7	7	5	4	3	3	14	13	14	17	18	19	19	20	20	U2	3	--	3	D	6
204	Steel, Specialty		1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	11	8	8	15	15	18	15	15	18	17	U3	11	++	2	A	12
205	Chemicals, Diversified		19	18	20	20	20	20	19	19	18	19	19	19	17	18	16	17	18	18	19	19	18	18	18	20	20	U1	1	--	4	F	36
206	Specialty Chemicals, Pri.		18	17	17	17	16	17	17	17	17	16	16	15	14	15	14	15	17	18	17	19	20	19	19	20	20	U1	3	--	4	F	10

+ or - Indicates Noteworthy Gain or Loss in Strength

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#	Index/Sector	MACE Cycle/ Week	40WK MA P A																		INDEX	PERCENTAGE CHANGE			
				6 20	6 13	6 6	5 30	5 23	5 16	5 9	5 2	4 25	4 17	4 11	4 4	3 28	3 21	3 14	3 7	2 28		1WK%	4WK%	13WK%	YTD%
	MicroGroup Index (Unwtd)	U2 1	--	11	11	10	12	11	12	12	11	11	10	11	11	11	10	11	11	12	1037.4	0.0%	2.5%	1.8%	-4.1%
	MicroGroup Index (Wtd)	U2 5	++	7	6	7	8	7	8	8	6	7	7	6	9	8	8	7	7	8	6102.0	-0.4%	2.7%	5.4%	3.1%
	MicroGroup Index ex/Techs (Unwtd)	U1 6	--	11	11	11	12	11	12	12	11	11	10	10	10	10	10	11	11	12	1135.4	-0.2%	2.2%	1.0%	-4.1%
	MicroGroup Index ex/Techs (Wtd)	U2 5	++	10	8	8	8	7	8	8	6	5	6	5	6	6	6	6	6	6	2383.5	-0.8%	0.9%	2.6%	3.2%
	Dow Jones Industrial Average	U2 1	- +	11	11	11	10	10	11	10	8	9	7	5	7	7	7	7	6	6	42206.8	0.0%	1.5%	0.5%	-0.8%
	S&P 500	U2 4	++	7	7	8	8	8	8	9	7	7	8	6	9	9	8	8	8	7	5967.8	-0.2%	2.8%	5.3%	1.5%
	S&P 100	U2 4	++	7	6	8	7	8	8	10	8	8	9	6	10	9	8	8	8	7	2918.9	-0.3%	3.5%	6.2%	1.0%
	S&P 400 MidCap	U2 1	--	11	11	11	11	10	10	10	10	11	10	9	10	10	11	11	11	11	3025.2	0.6%	1.6%	2.7%	-3.1%
	NYSE Composite	U2 5	++	9	8	9	8	8	8	7	6	5	6	5	6	6	6	6	6	5	19868.4	-0.6%	1.7%	2.1%	4.0%
	AMEX	U3 6	++	2	1	4	5	4	7	3	5	3	6	6	5	4	4	5	6	11	5780.9	-0.4%	11.6%	13.1%	23.4%
	NASDAQ Composite	U2 4	++	6	5	6	6	7	7	10	8	9	12	8	12	12	11	11	10	10	19447.4	0.2%	3.8%	9.4%	0.7%
	NASDAQ 100	U2 5	++	6	5	5	5	6	6	9	7	8	10	7	11	11	10	10	9	8	21626.4	0.0%	3.4%	9.5%	2.9%
	NASDAQ Industrials	U2 4	++	8	7	8	6	6	6	9	9	8	10	7	10	10	12	12	11	9	11758.9	-0.5%	0.7%	9.2%	-1.2%
	Russell 2000	U1 6	--	10	11	11	12	12	12	12	12	13	12	13	12	13	13	13	14	13	2109.3	0.4%	3.4%	2.5%	-5.4%
	Valueline	U2 1	--	16	15	16	14	12	16	12	11	8	6	5	4	10	12	10	13	16	10348.5	-5.2%	-3.3%	-2.4%	-6.2%
100	Energy (Unwtd)	U1 4	+ -	7	6	14	16	15	16	15	16	14	12	14	14	7	8	10	15	13	481.1	-0.2%	9.0%	0.4%	-3.4%
100	Energy (Wtd)	U1 2	++	7	6	14	14	13	13	12	12	8	6	8	7	3	3	5	8	7	2031.3	0.1%	7.6%	-1.6%	4.4%
200	Basic Materials (Unwtd)	U2 1	++	6	4	5	8	7	11	6	6	4	5	5	8	5	5	5	8	13	783.2	-1.8%	3.8%	3.7%	8.7%
200	Basic Materials (Wtd)	U3 7	+ -	7	5	7	8	6	9	5	5	4	4	4	7	4	5	4	5	11	2491.2	-2.1%	0.9%	1.7%	9.3%
300	Industrial Manufacturing (Unwtd)	U2 3	--	7	7	8	9	9	8	10	11	12	12	11	13	13	13	12	14	14	4097.7	0.1%	3.7%	6.0%	-1.5%
300	Industrial Manufacturing (Wtd)	U2 6	++	6	5	5	4	5	4	5	5	6	7	6	9	8	7	7	7	8	6224.7	-0.1%	2.2%	7.5%	7.8%
400	Utilities (Unwtd)	U3 11	++	8	7	8	5	5	6	3	3	2	2	2	2	3	4	3	5	6	1539.7	-0.6%	-0.4%	3.5%	7.7%
400	Utilities (Wtd)	U3 11	++	7	5	7	4	3	4	3	2	2	2	2	2	3	4	4	6	7	1055.6	-1.0%	-1.0%	5.5%	10.5%
500	Services (Unwtd)	U2 3	--	11	11	9	10	10	10	9	11	11	11	10	11	12	13	13	13	13	2807.4	0.0%	0.4%	3.5%	-5.3%
500	Services (Wtd)	U2 5	- +	11	10	7	7	6	6	6	6	7	7	6	8	8	9	9	8	7	5763.7	-1.2%	-1.6%	3.8%	0.4%
600	Financial (Unwtd)	U1 6	--	12	12	12	12	10	10	9	8	8	8	9	7	7	8	7	8	7	2294.7	0.4%	0.4%	-0.2%	-3.1%
600	Financial (Wtd)	U2 6	++	7	8	6	5	5	5	5	4	4	5	5	7	5	5	6	5	3	3074.5	0.5%	0.7%	4.3%	6.4%
700	Transportation (Unwtd)	U1 5	--	13	11	13	13	14	13	15	16	17	15	15	17	16	16	16	15	16	1035.6	-1.8%	2.6%	0.0%	-10.4%
700	Transportation (Wtd)	U1 5	--	12	11	11	11	11	11	14	14	16	12	11	12	13	13	12	9	11	3439.9	-0.7%	1.0%	0.8%	-6.0%
800	Healthcare (Unwtd)	U1 3	--	14	12	12	16	17	18	17	12	12	14	14	14	14	13	13	15	16	1224.3	-1.6%	3.8%	-3.7%	-10.3%
800	Healthcare (Wtd)	U1 1	--	16	13	16	16	16	18	15	9	7	7	6	6	6	5	6	4	7	3795.0	-2.9%	1.9%	-8.3%	-4.1%
900	Consumer Staples (Unwtd)	U1 6	--	13	12	13	10	11	12	10	8	7	5	5	4	7	8	8	6	12	2577.4	0.0%	0.4%	0.9%	-3.7%
900	Consumer Staples (Wtd)	U3 12	++	9	7	8	5	5	7	4	3	2	2	2	2	3	3	3	2	4	4048.2	-1.1%	-0.8%	2.9%	9.2%
1000	Consumer Cyclical (Unwtd)	U1 5	--	13	14	13	12	13	13	15	15	15	14	14	13	15	15	16	14	14	1791.6	1.1%	1.6%	1.1%	-9.9%
1000	Consumer Cyclical (Wtd)	U2 3	- +	12	11	11	8	8	8	10	9	8	10	7	9	11	12	11	10	7	3714.3	-0.7%	-0.6%	4.6%	-4.7%
1200	Technology (Unwtd)	U2 3	++	7	8	7	10	9	9	11	13	13	15	14	16	16	13	13	14	13	2322.4	1.4%	4.3%	7.1%	-4.2%
1200	Technology (Wtd)	U2 4	++	4	4	5	6	7	6	10	9	11	14	10	15	15	13	12	12	13	6412.4	0.2%	6.4%	12.0%	1.1%
1400	Communications/Media (Unwtd)	U2 6	++	7	8	8	8	6	6	5	6	5	6	6	5	5	5	5	5	6	628.9	1.4%	1.6%	4.1%	6.3%
1400	Communications/Media (Wtd)	U2 6	++	7	5	5	5	5	6	6	4	4	6	5	6	6	5	4	2	3	3408.1	-1.2%	1.3%	5.5%	8.7%

TECHNIGRADE

#	MicroGroup/Stocks	TICK SYMB	MACE Cycle/ Week	40WK MA P A	6 20	6 13	6 6	5 30	5 23	5 16	5 9	5 2	4 25	4 17	4 11	4 4	3 28	3 21	3 14	3 7	2 28	INDEX/P RICE	CAP MIL	1WK%	PERCENTAGE CHANGE 4WK%	13WK%	YTD%		
100	Energy (Unwtd)		U1	4	+-	7	6	14	16	15	16	15	16	14	12	14	14	7	8	10	15	13	481.1		-0.2%	9.0%	0.4%	-3.4%	
100	Energy (Wtd)		U1	2	++	7	6	14	14	13	13	12	12	8	6	8	7	3	3	5	8	7	2031.3		0.1%	7.6%	-1.6%	4.4%	
101	Oil, Integrated		U2	2	++	+	4	4	13	13	12	12	10	11	7	7	8	4	2	2	3	6	6	2075.8		0.2%	10.8%	0.4%	10.8%
	Exxon Mobil Corp	XOM	U1	1	+-	+	7	8	15	15	14	13	11	11	8	7	8	7	4	6	7	10	10	114.7	494316	2.3%	11.3%	-0.7%	6.6%
	Chevron Corp New	CVX	U1	1	-+	+	10	12	16	16	15	15	15	14	13	11	11	7	3	4	5	6	6	149.6	261173	2.5%	9.5%	-9.2%	3.3%
	Totalenergies Se	TTE	U3	2	+-		7	6	12	11	11	11	9	10	6	6	7	5	3	4	4	6	9	62.6	142781	-1.4%	8.1%	-1.2%	14.8%
	Conocophillips	COP	U1	1	--	+	10	8	17	17	17	15	15	13	11	11	12	11	6	7	9	15	12	94.7	119538	-2.3%	11.2%	-7.1%	-4.5%
	Bp Plc	BP	U1	1	+-	+	9	8	15	14	13	14	11	14	10	10	12	8	3	3	3	6	5	31.3	82871	-1.5%	7.4%	-9.6%	5.7%
	Equinor Asa	EQNR	U3	2	++		4	3	9	12	9	12	11	10	10	6	6	5	3	4	6	10	12	27.8	77556	0.1%	16.6%	8.2%	17.2%
	Eog Res Inc	EOG	U1	1	+-	+	8	7	15	17	16	15	15	15	13	12	12	10	8	9	9	9	10	125.3	68398	0.0%	13.7%	0.1%	2.2%
	Eni S P A	E	U3	6	++		4	4	8	8	9	8	7	8	6	7	9	5	4	4	5	6	9	32.9	51811	1.0%	13.2%	5.6%	20.4%
	Petroleo Brasileiro Sa Petrobr	PBR	D3	10	--	+	9	11	18	17	16	17	16	16	16	13	13	6	5	6	9	12	12	13.1	48635	2.9%	10.4%	-7.7%	1.6%
	Occidental Pete Corp	OXY	U1	2	--	+	9	8	16	17	16	16	15	16	16	15	16	13	8	9	11	11	11	45.6	44906	-1.8%	10.5%	-4.8%	-7.7%
	Ecopetrol S A	EC	U2	1	++	+	6	6	12	15	12	15	15	15	4	4	5	3	2	2	2	2	2	9.8	20229	1.8%	14.3%	-3.1%	24.2%
	Aritzia Inc	ATZAF	U2	6	++		3	3	2	2	2	2	3	4	13	16	16	16	13	13	11	6	2	48.5	4606	-0.6%	3.9%	34.1%	31.3%
102	Oil & Gas, Independent, Pri.		U2	1	++	+	5	4	13	16	14	14	13	14	12	9	11	9	2	3	5	11	7	1912.7		0.0%	11.2%	-1.1%	5.0%
	Hess Corp	HES	U1	1	++	+	8	9	14	14	14	15	13	13	11	10	10	7	3	3	4	5	5	144.5	44677	1.5%	10.0%	-7.7%	8.6%
	Diamondback Energy Inc	FANG	U1	2	--	+	10	7	16	17	16	16	16	16	15	12	15	16	10	10	14	17	14	148.9	43489	-3.9%	9.6%	-6.1%	-9.1%
	Expand Energy Corporation	EXE	U3	13	++		4	5	5	4	4	5	4	6	5	3	3	4	2	3	4	8	7	122.1	29045	4.8%	5.3%	13.7%	22.6%
	Devon Energy Corp New	DVN	U1	2	--	+	8	7	14	16	14	13	12	14	12	12	15	13	5	7	9	11	10	34.3	22018	-2.3%	10.0%	-5.1%	4.8%
	Coterra Energy Inc	CTRA	U1	1	++	+	9	10	14	16	15	16	17	11	10	6	7	6	3	3	4	8	6	27.0	20585	1.0%	10.0%	-6.1%	5.6%
	Antero Resources Corp	AR	U3	6	++		3	4	8	9	5	5	4	8	6	6	7	5	2	1	2	7	3	43.8	13595	5.1%	10.9%	7.4%	24.9%
	Ovintiv Inc	OVV	U1	3	++	+	6	6	13	16	15	15	15	16	16	15	16	15	7	8	9	14	7	41.5	10782	-0.9%	15.7%	0.1%	2.5%
	Apa Corporation	APA	U1	3	--	+	7	5	14	17	17	18	18	18	18	17	19	18	11	13	15	18	16	20.0	7206	-5.0%	18.5%	-3.1%	-13.5%
103	Oil & Gas, Independent, Sec.		U1	4	--	+	7	6	17	17	14	15	18	19	19	17	19	19	10	12	15	19	16	503.0		-0.9%	6.3%	-1.1%	-9.3%
	Range Res Corp	RRC	U2	6	++		4	5	9	8	5	5	6	11	9	8	8	7	3	3	3	8	5	43.2	10331	4.4%	9.3%	8.4%	20.2%
	Permian Resources Corp	PR	U2	1	++		5	4	10	15	14	11	12	15	14	13	16	16	10	10	10	16	12	14.7	10323	-1.3%	15.8%	6.9%	2.4%
	Matador Res Co	MTDR	U1	3	--	+	6	6	15	17	17	17	17	18	18	17	18	18	12	12	15	18	14	51.4	6432	-0.5%	18.4%	-0.3%	-8.7%
	Murphy Oil Corp	MUR	U1	1	--	+	10	8	18	19	19	19	18	18	19	17	18	16	9	14	15	17	17	24.8	3544	-2.4%	18.9%	-7.0%	-17.9%
	Civitas Resources Inc	CIVI	U1	1	--	+	14	12	20	20	20	19	20	20	19	19	20	20	19	19	20	20	19	32.4	3001	-2.8%	17.2%	-6.8%	-29.3%
	Sable Offshore Corp	SOC	U2	5	--	-	17	15	10	2	1	2	9	16	16	13	16	16	3	4	4	6	2	22.2	2173	-2.8%	-31.0%	-11.8%	-3.3%
104	Oil & Gas, Independent, Emrg.		U1	3	--	+	6	5	17	19	18	19	18	20	19	17	19	19	12	13	17	19	17	188.8		0.1%	14.8%	0.1%	-10.3%
	Comstock Res Inc	CRK	U3	8	++		1	2	2	2	2	1	1	3	5	2	2	3	1	1	2	2	2	30.5	8934	20.4%	28.4%	53.1%	67.4%
	Whitecap Res Inc	SPGYF	U2	1	+-	+	5	6	12	12	10	15	16	17	14	11	14	15	11	12	16	14	13	6.9	8545	0.4%	9.1%	6.3%	-2.1%
	Magnolia Oil & Gas Corp	MGY	U1	2	--		8	7	13	15	14	14	13	15	14	12	13	11	6	6	11	12	14	24.0	4489	-0.9%	10.8%	-4.4%	2.7%
	California Res Corp	CRC	U2	1	--		6	5	9	9	12	14	15	19	19	18	18	18	15	16	16	18	17	46.6	4156	-1.4%	10.7%	6.5%	-10.2%
	Veren Inc	VRN	D1	3	+-		8	7	7	6	5	5	4	4	2	2	2	3	1	1	2	13	8	6.0	3677	0.0%	0.0%	-9.4%	16.9%
	Gulfport Energy Corp	GPOR	U3	3	++		4	6	8	6	5	5	4	7	6	6	6	7	4	4	6	12	9	206.6	3670	5.4%	6.1%	12.5%	12.1%
	Sm Energy Co	SM	U1	2	--	+	12	10	19	19	19	19	20	20	20	19	20	20	18	18	19	20	18	27.6	3155	-2.5%	18.9%	-10.1%	-28.9%
	Northern Oil & Gas Inc	NOG	U1	4	--	+	7	5	14	17	17	16	17	19	19	18	19	19	16	17	18	19	18	31.3	3085	-2.8%	16.0%	3.8%	-15.9%
	Black Stone Minerals L P	BSM	D3	10	--		17	14	16	16	15	16	14	10	8	6	7	7	6	6	6	9	9	13.2	2796	-5.1%	-2.1%	-13.5%	-9.5%
	Crescent Energy Company	CRGY	U1	1	--		17	16	19	20	19	19	20	20	20	19	20	20	17	17	18	19	16	9.5	2417	-3.2%	10.9%	-17.4%	-35.2%
	Mach Natural Resources Lp	MNR	U1	1	--	+	8	12	18	17	16	16	15	15	13	13	14	11	9	11	13	17	16	15.4	1816	4.5%	13.6%	1.0%	-10.7%
	Talos Energy Inc	TALO	U1	4	--	+	5	5	16	15	16	16	15	18	18	17	17	9	12	16	16	16	9.4	1672	0.2%	18.0%	2.3%	-3.5%	
	Baytex Energy Corp	BTE	U1	2	--	+	7	6	17	19	18	18	19	19	19	17	18	18	16	16	17	19	18	2.1	1583	-1.4%	25.6%	-5.9%	-20.2%
	Highpeak Energy Inc	HPK	U1	2	--		9	7	13	18	19	19	19	20	19	18	20	18	13	14	16	17	16	11.5	1447	-3.5%	22.5%	-7.9%	-21.9%
	Vermilion Energy Inc	VET	U1	2	--	+	6	5	15	18	19	19	19	19	19	18	19	19	14	15	17	18	16	8.1	1256	-1.3%	27.2%	-1.1%	-13.5%

TECHNIGRADE

#	MicroGroup/Stocks	TICK SYMB	MACE Cycle/ Week	40WK MA P A		6 20	6 13	6 6	5 30	5 23	5 16	5 9	5 2	4 25	4 17	4 11	4 4	3 28	3 21	3 14	3 7	2 28	INDEX/P RICE	CAP MIL	1WK%	PERCENTAGE CHANGE 4WK%	13WK%	YTD%
105	Kosmos Energy Ltd	KOS	U1 2	--	+	10	8	18	19	19	19	19	20	20	19	19	20	20	20	20	20	19	2.2	1037	-3.6%	33.1%	-4.0%	-36.5%
	Vital Energy Inc	VTLE	U1 2	--	+	7	6	19	20	20	20	20	20	20	20	20	20	19	19	20	20	17	20.9	809	-2.4%	36.9%	-5.7%	-32.5%
	Oil & Gas, Independent, Micro Cap		U1 3	--	+	9	9	19	19	19	19	19	19	19	17	19	17	13	15	16	19	18	400.2		0.1%	11.9%	-0.5%	-12.4%
	Diversified Energy Company Plc	DEC	U2 2	++		5	7	9	9	8	13	13	13	14	15	16	13	11	13	17	19	15	15.0	1218	3.2%	7.0%	13.3%	-10.5%
	Vitesse Energy Inc	VTSE	U1 2	--		11	8	15	17	17	16	16	16	16	14	15	11	9	15	13	13	10	23.2	896	-4.9%	11.4%	1.4%	-7.2%
	Granite Ridge Resources Inc	GRNT	U2 1	++	+	4	7	10	12	12	13	16	17	17	15	15	14	7	9	12	17	14	6.4	840	7.2%	15.7%	7.2%	-0.8%
	Riley Exploration Permian Inc	REPX	U1 2	+-		12	11	16	17	17	16	16	17	17	14	16	15	12	11	14	15	10	28.0	617	-1.5%	9.6%	-5.9%	-12.2%
	Sandridge Energy Inc	SD	U2 1	+-	+	5	5	13	16	17	16	15	17	16	14	14	13	8	9	9	12	10	11.9	437	0.2%	23.5%	5.0%	1.7%
	Vaalco Energy Inc	EGY	U1 1	--	+	9	9	18	19	19	18	17	18	17	15	16	17	16	17	11	18	18	3.8	398	-0.3%	19.3%	-1.8%	-12.4%
	W & T Offshore Inc	WTI	U2 2	++	+	1	1	4	9	14	13	14	19	19	18	18	16	12	13	14	17	14	2.2	317	0.0%	54.7%	34.4%	29.5%
	Berry Corp	BRY	U1 1	--	+	7	12	19	20	20	19	17	20	20	20	20	20	19	19	19	18	15	3.3	256	6.8%	32.5%	-1.2%	-20.1%
	Primeenergy Resources Corp	PNRG	D3 9	+-		19	20	20	10	10	15	17	17	13	15	6	6	2	3	4	8	6	153.3	255	4.8%	-20.1%	-29.1%	-30.2%
	Gran Tierra Energy Inc	GTE	U1 5	--	+	4	3	17	16	16	17	18	19	17	14	19	18	17	18	19	19	20	5.7	202	-6.4%	21.1%	15.1%	-20.7%
	Evolution Pete Corp	EPM	U1 2	--		9	8	12	15	17	17	18	18	17	14	14	10	9	12	12	14	14	4.9	168	-1.8%	13.9%	-1.4%	-6.1%
Houston Amern Energy Corp	HUSA	U1 2	++	+	1	1	20	20	19	20	20	20	20	20	20	20	20	18	17	18	17	14.8	26	-5.4%	121.9%	41.0%	14.7%	
106	Oil Drilling		U1 2	--	+	13	7	19	20	20	20	20	20	20	20	20	20	19	20	20	20	20	704.7		-5.1%	18.4%	-6.7%	-27.8%
	Noble Corp Plc	NE	U2 1	--	+	4	4	5	12	15	16	15	17	19	18	19	19	18	18	19	19	19	28.7	4559	-1.4%	22.2%	18.9%	-8.6%
	Valaris Ltd	VAL	U2 2	+-	+	3	3	7	13	14	14	11	15	18	17	17	18	14	15	16	18	19	45.4	3227	-2.4%	25.1%	14.5%	2.6%
	Transocean Ltd	RIG	U1 2	--	-	10	4	15	18	18	19	18	20	20	19	20	20	15	17	18	18	19	2.9	2570	-12.3%	16.9%	-8.8%	-22.4%
	Patterson-UTI Energy Inc	PTEN	D3 11	--		16	15	20	20	19	19	19	19	18	17	18	18	7	6	9	14	9	6.4	2451	-2.8%	11.0%	-24.2%	-23.1%
	Seadrill Ltd	SDRL	U1 5	--	+	6	4	15	18	18	18	17	19	20	19	20	19	19	19	20	20	20	28.0	1743	-3.9%	21.4%	11.3%	-28.1%
	Helmerich & Payne Inc	HP	D3 20	--		20	19	20	20	20	20	20	20	20	18	19	19	17	18	17	18	18	17.1	1701	-6.5%	10.7%	-31.0%	-46.6%
	Precision Drilling Corp	PDS	U1 3	--	+	7	7	13	17	18	18	18	18	18	16	16	18	18	19	19	19	18	50.5	690	-1.2%	19.8%	12.4%	-17.2%
	Nabors Industries Ltd	NBR	U1 1	--		17	14	20	20	20	20	20	20	20	20	20	20	20	19	19	19	20	32.6	512	-6.5%	24.5%	-25.1%	-43.0%
	Borr Drilling Ltd	BORR	U1 1	--	-	16	10	18	19	20	20	19	20	19	19	18	20	20	20	20	20	20	2.1	498	-8.0%	26.8%	-10.7%	-46.7%
	107	Oil Equipment & Services, Pri.		U1 2	--	+	9	7	17	19	18	18	18	18	17	12	15	16	6	9	11	12	12	828.1		-1.4%	11.2%	-3.0%
Schlumberger Ltd		SLB	D3 12	--		14	13	18	18	17	17	16	16	15	12	13	11	6	8	7	7	8	35.8	48748	-1.3%	6.5%	-12.6%	-6.5%
Baker Hughes Company		BKR	U1 1	+-		14	14	17	16	16	17	17	16	16	10	10	13	7	5	6	7	5	39.0	38639	-0.1%	6.2%	-11.6%	-4.9%
Halliburton Co		HAL	U1 1	--		14	11	19	19	19	18	18	18	16	13	15	17	12	14	13	15	13	22.3	19154	-3.9%	11.9%	-9.9%	-18.1%
Technipfmc Plc		FTI	U3 1	++		3	3	5	6	8	6	7	7	8	12	12	11	4	7	12	14	9	35.2	14736	1.8%	18.4%	19.7%	21.5%
Subsea 7 S A		SUBCY	U2 5	++		3	3	4	5	7	9	7	9	9	10	13	14	7	8	11	14	14	18.8	5626	-1.7%	16.1%	17.0%	20.2%
Nov Inc		NOV	U1 1	--	+	11	10	17	18	17	17	16	17	16	13	15	14	8	10	11	9	12	13.5	5080	-1.0%	11.4%	-7.7%	-7.4%
Championx Corporation		CHX	D3 10	--		13	12	17	17	17	16	15	15	15	11	13	12	6	7	7	7	8	26.3	5037	-1.3%	7.5%	-10.9%	-3.2%
Weatherford Intl Plc		WFRD	U1 2	--		13	10	18	19	19	19	19	20	20	18	19	20	19	19	19	19	18	51.0	3703	-3.7%	12.2%	-2.3%	-28.7%
108	Oil Equipment & Services, Sec.		U1 2	--		13	12	17	19	20	20	19	19	17	19	19	12	14	16	18	13	608.5		-0.6%	10.9%	-5.5%	-15.1%	
	Archrock Inc	AROC	U1 5	++		13	13	9	12	12	12	11	11	9	8	9	11	5	4	7	11	4	24.9	4410	0.5%	0.6%	-5.6%	0.2%
	Cactus Inc	WHD	U1 4	--		13	12	14	18	18	18	18	19	19	19	19	19	18	19	19	17	45.1	3085	-2.4%	8.7%	-1.9%	-22.8%	
	Kodiak Gas Svcs Inc	KGS	U1 4	+-		17	17	14	16	16	17	15	14	14	12	14	15	10	10	11	16	3	34.5	3033	0.7%	-0.3%	-8.7%	-15.5%
	Usa Compression Partners Lp	USAC	U1 2	++		13	12	10	10	10	15	12	9	6	5	7	6	3	3	3	5	3	24.9	2929	-1.3%	-0.4%	-8.2%	5.7%
	Oceaneering Intl Inc	OII	U1 4	--	+	9	9	15	17	17	17	17	17	19	17	18	18	15	16	18	19	17	21.3	2147	-0.4%	12.4%	-0.7%	-18.2%
	Liberty Energy Inc	LBRT	U1 1	--		17	14	19	20	19	20	19	19	19	18	20	20	15	18	18	18	15	13.0	2102	-5.1%	10.8%	-11.3%	-34.7%
	Atlas Energy Solutions Inc	AESI	D3 15	--		18	17	20	20	20	20	20	19	19	19	19	19	16	17	17	18	16	14.4	1780	-1.7%	16.0%	-20.4%	-35.1%
	World Kinect Corporation	WKC	U2 3	--		9	9	9	10	9	10	10	12	15	13	12	9	6	8	8	8	6	27.8	1574	-0.7%	1.7%	-0.9%	1.1%
	Profrac Hldg Corp	ACDC	U2 3	++	+	1	1	1	1	9	15	20	20	20	19	20	18	5	5	8	11	11	9.4	1501	2.4%	44.6%	22.2%	20.7%
	Rpc Inc	RES	D3 18	--	+	13	14	19	19	18	18	17	16	14	12	13	17	13	13	15	15	15	5.1	1134	1.4%	13.7%	-6.2%	-13.5%
	Mrc Global Inc	MRC	U2 4	++		7	8	9	9	9	8	9	10	10	12	15	16	13	13	15	16	15	12.9	1108	1.0%	4.0%	8.1%	0.7%
	Helix Energy Solutions Grp Inc	HLX	U1 1	--		13	14	18	19	19	19	18	19	19	16	17	16	11	10	15	15	14	7.2	1091	1.0%	17.3%	-16.4%	-22.7%
	Expro Group Holdings Nv	XPRO	U1 1	--		16	14	18	19	20	20	19	19	20	18	19	18	18	18	18	18	17	9.2	1058	-4.0%	16.8%	-10.5%	-26.5%
	Select Water Solutions Inc	WTTR	U1 1	--		16	17	19	20	19	20	19	19	19	18	19	18	16	18	19	18	13	9.2	959	1.1%	13.3%	-9.5%	-30.4%