

Turning Point Analytics utilizes a time-tested, real-world strategy that optimizes the client's entry and exit points and adds alpha. TPA defines each stock as Trend or Range to identify actionable inflection points.

"In the short run, the market is a voting machine, but in the long run, it is a weighing machine." - Benjamin Graham

S&P 1500+ DAILY SNAPSHOT – COMMENTS & CHARTS

Thursday, April 18, 2024

Today's TPA <u>Trend-Range Report</u> is included below. TPA Trend-Range Strategy is explained below. Links for Explanations of Technical terms are at the bottom of the report

### **BUY**

• TYL – after dropping 52% in just 11 months, TYL rose above its 15-month downtrend line in March 2023 to end that decline. TYL has established a pattern of higher lows and higher highs = uptrend. The recent 2-month, 10% decline puts TYL at support from its 17-month uptrend line and the November 2023 break out above resistance at 400 (see Zoom chart).

Chart 3 reveals that TYL conforms to long-term changes in the position of the 50DMA and 200DMA. A positive 50DMA > 200DMA cross in April 2019 led to a 175% rally, while the 50DMA < 200DMA cross in March 2022 led to a decline of 40%. The positive 50DMA > 200DMA cross in May 2023 puts TYL on a long-term uptrend. Depending on the position of the 50DMA to the 200DMSA, TYL also seems to respond to proximity to the 200DMA. The 200DMA is rising, and TYL should be headed in the same direction.

TYL Tyler Technologies Inc. 402.8400 Stop = 376.6554 Target = 503.5500 Target = 25.00%



TYL - zoom



#### TYL - 50DMA>200DMA



# TPA TREND-RANGE STRATEGY (see explanation below)

# TPA TREND-RANGE REPORT (New and improved!)

				(\$million)		CONDITION	SHORT TERM	POSSIBLE		
YMBOL	DESCRIPTION	INDUSTRY	SECTOR	MKT CAP	LAST	TREND/RANGE	ALERT	NEXT MOVE	OVERSOLD	ALERT
IGCO	AGCO Corp.	ks Or Construction Or Farm Mach	ProducerManufacturing	8,674	116.24	UPTREND	TURN DOWN?	-0.47%	1	
JF	Raymond James Financial Inc.	Investment Managers	Finance	25,489	121.94	UPTREND	TURN DOWN?	-0.37%	1	
COM	Qualcomm Inc.	Semiconductors	ElectronicTechnology	183,381	164.32	UPTREND	TURN DOWN?	-0.33%	1	
CL	Royal Caribbean Group	Hotels Or Resorts Or Cruiselines	ConsumerServices	32,844	127.97	UPTREND	TURN DOWN?	-0.24%	1	
RC	Spirit Realty Capital Inc (Delisted)	Real Estate Investment Trusts	Finance	5,989	42.31	UPTREND	TURN DOWN?	0.20%	1	
NR	Pentair PLC	Industrial Machinery	ProducerManufacturing	13,091	79.18	UPTREND	TURN DOWN?	0.49%	1	
KG	Packaging Corp of America	Containers Or Packaging	ProcessIndustries	15,999	178.51	UPTREND	TURN DOWN?	0.92%	1	
VGO	Broadcom Inc	Semiconductors	ElectronicTechnology	594,398	1282.63	UPTREND	TURN DOWN?	1.85%	1	
AL	United Airlines Holdings Inc	Airlines	Transportation	15,988	48.74	RANGE	TOP	-17.63%	2	
NPR	Juniper Networks Inc	Information Technology Services	TechnologyServices	11,833	36.48	RANGE	воттом	2.52%	0	!!
N	FTI Consulting Inc.	Aiscellaneous Commercial Service	CommercialServices	7,265	204.46	RANGE	воттом	2.86%	1	- !!
YL	Xylem Inc	Industrial Machinery	ProducerManufacturing	30,516	126.22	RANGE	воттом	3.05%	1	
ASY	Casey's General Stores Inc.	Specialty Stores	RetailTrade	11,445	309.17	RANGE	воттом	3.70%	1	
ME	AMETEK Inc	Electrical Products	ProducerManufacturing	41,167	178.05	RANGE	воттом	3.92%	1	
ISGS	Madison Square Garden Sports Corp - Ordinary Shares	Movies Or Entertainment	ConsumerServices	4,283	178.84	RANGE	воттом	4.27%	1	
ON	Sonoco Products Co.	Containers Or Packaging	ProcessIndustries	5,482	55.79	RANGE	воттом	4.75%	0	
ISFT	Microsoft Corporation	Packaged Software	TechnologyServices	3,060,152	411.84	RANGE	воттом	4.85%	1	- !!
NA	Snap-on Inc.	Tools And Hardware	ConsumerDurables	14,980	283.50	RANGE	воттом	5.45%	1	- 11
3K	Vanguard Group Inc Vanguard FTSE Europe ETF	nvestment Trusts Or Mutual Fund		19,685,696,753	64.67	RANGE	воттом	5,72%	0	
(N	Texas Instruments Inc.	Semiconductors	ElectronicTechnology	150,796	165.70	RANGE	воттом	5,73%	1	
rs	Vitesse Energy Inc	Oil And Gas Production	EnergyMinerals	673	22.84	RANGE	воттом	5.73%	-1	
VF	iShares Russell 1000 Growth ETF	nvestment Trusts Or Mutual Fund		71,482,848,000	324.24	RANGE	воттом	5.75%	1	
sco	Cisco Systems Inc.	Information Technology Services	TechnologyServices	193,511	47.79	RANGE	воттом	6.00%	0	
QQ	Invesco QQQ Trust	nvestment Trusts Or Mutual Fund		214.706.000.000	425.84	RANGE	BOTTOM	6.10%	1	
.M	SLM Corp.	Finance Or Rental Or Leasing	Finance	4,535	20.58	RANGE	BOTTOM	6.17%	-1	
DSN	Nordson Corp.	Industrial Machinery	ProducerManufacturing	14,916	260.80	RANGE	воттом	6.23%	1	
ST	West Pharmaceutical Services Inc.	Medical Specialties	HealthTechnology	27,625	377.36	RANGE	воттом	6.28%	1	
RT	Federal Realty Investment Trust.	Real Estate Investment Trusts	Finance	8.053	97.04	RANGE	воттом	6.38%	1	
RVO	Qorvo Inc	Semiconductors	ElectronicTechnology	10,616	109.95	RANGE	воттом	6.66%	1	
PR	EPR Properties	Real Estate Investment Trusts	Finance	3.031	40.05	RANGE	воттом	6.73%	0	
ON	First Trust Exchange-Traded Fund III - First Trust Dow Jo			10,718,526,488	197.10	RANGE	воттом	6.78%	1	
G	Regency Centers Corporation	Real Estate Investment Trusts	Finance	10,586	57.29	RANGE	воттом	6.85%	0	
(R	Timken Co.	Industrial Machinery	ProducerManufacturing	5,879	83.83	RANGE	воттом	6.87%	1	
s	Essex Property Trust Inc.	Real Estate Investment Trusts	Finance	14,937	232.65	RANGE	воттом	6.88%	1	
LK	SPDR Technology Select Sector Fund ETF	nvestment Trusts Or Mutual Func		63,414,357,779	198.85	RANGE	BOTTOM	6.92%	1	
В	Seaboard Corp.	gricultural Commodities Or Millin	ProcessIndustries	2.987	3075.71	RANGE	BOTTOM	7.11%	0	
DFL	Old Dominion Freight Line Inc.	Trucking	Transportation	45,888	210.81	RANGE	BOTTOM	7.11%	1	. "
EYS					149.93	RANGE	BOTTOM	7.15%	1	
	Keysight Technologies Inc American Homes 4 Rent	ectronic Equipment Or Instrumer	Finance	26,171					0	
MH		Real Estate Investment Trusts		12,690	34.66	RANGE	воттом	7.18%		
PD	Air Products & Chemicals Inc.	Chemicals Specialty	ProcessIndustries	50,909	229.01	RANGE	BOTTOM	7.24%	1	
WLO	Twilio Inc - Ordinary Shares Class A	Packaged Software	TechnologyServices	10,694	58.74	RANGE	воттом	7.25%	-1	
INC	Premier Inc	Hospital Or Nursing Managemen	HealthServices	2,473	20.64	RANGE	воттом	7.25%	-1	
ИСНР	Microchip Technology Inc.	Semiconductors	ElectronicTechnology	45,971	85.07	RANGE	воттом	7.33%	1	
VT	Avnet Inc.	Electronics Distributors	DistributionServices	4,210	46.59	RANGE	BOTTOM	7.48%	0	

				(\$million)		CONDITION	SHORT TERM	POSSIBLE	OVERBOUGHT	RANGE?
SYMBOL	DESCRIPTION	INDUSTRY	SECTOR	MKT CAP	LAST	TREND/RANGE	ALERT	NEXT MOVE	OVERSOLD	ALERT
EXPD	Expeditors International Of Washington Inc.	Air Freight Or Couriers	Transportation	16,453	114.34	RANGE	воттом	7.53%	1	
BAH	Booz Allen Hamilton Holding Corp	Aiscellaneous Commercial Service	CommercialServices	18,198	140.26	RANGE	воттом	7.55%	1	!!
DLR	Digital Realty Trust Inc	Real Estate Investment Trusts	Finance	42,394	135.75	RANGE	воттом	7.64%	1	
LFUS	Littelfuse Inc.	Electronic Production Equipment	ElectronicTechnology	5,630	225.95	RANGE	воттом	7.68%	1	
STT	State Street Corp.	Investment Banks Or Brokers	Finance	21,985	72.81	RANGE	воттом	7.72%	1	!!
ISRG	Intuitive Surgical Inc	Medical Specialties	HealthTechnology	132,624	374.17	RANGE	воттом	7.75%	1	
BKNG	Booking Holdings Inc	Other Consumer Services	ConsumerServices	117,682	3443.91	RANGE	воттом	7.80%	1	
NOW	ServiceNow Inc	Packaged Software	TechnologyServices	150,972	736.45	RANGE	воттом	7.80%	1	
AVTR	Avantor Inc.	Chemicals Specialty	ProcessIndustries	16,558	24.38	RANGE	воттом	7.88%	-1	
FHB	First Hawaiian Inc	Regional Banks	Finance	2,621	20.54	RANGE	воттом	7.89%	-1	
HSIC	Henry Schein Inc.	Medical Distributors	DistributionServices	9,021	70.20	RANGE	воттом	7.91%	1	
BDX	Becton Dickinson & Co.	Medical Specialties	HealthTechnology	67,086	232.21	RANGE	воттом	7.96%	1	
GEHC	GE HealthCare Technologies Inc	Medical Specialties	HealthTechnology	38,792	85.19	RANGE	воттом	7.97%	2	
UDR	UDR Inc	Real Estate Investment Trusts	Finance	11,635	35.34	RANGE	воттом	7.99%	0	
CINF	Cincinnati Financial Corp.	Multi Line Insurance	Finance	18,066	115.30	RANGE	воттом	8.01%	1	!!
COF	Capital One Financial Corp.	Major Banks	Finance	52,260	136.77	RANGE	воттом	8.11%	1	!!
ALNY	Alnylam Pharmaceuticals Inc	Pharmaceuticals Major	HealthTechnology	18,303	145.32	RANGE	воттом	8.11%	0	
FFIV	F5 Inc	Packaged Software	TechnologyServices	10,662	181.30	RANGE	BOTTOM	8.15%	1	
BR	Broadridge Financial Solutions Inc.	Information Technology Services	TechnologyServices	22,783	193.45	RANGE	BOTTOM	8.19%	1	
GLW	Corning Inc.	Electronic Components	ElectronicTechnology	26,499	30.98	RANGE	воттом	8.28%	0	
HON	Honeywell International Inc	Aerospace And Defense	ElectronicTechnology	124,149	190.36	RANGE	воттом	8.38%	1	
PRGO	Perrigo Company PLC	Pharmaceuticals Major	HealthTechnology	4,071	30.04	RANGE	воттом	8.39%	0	
MPWR	Monolithic Power System Inc	Semiconductors	ElectronicTechnology	31,032	637.72	RANGE	воттом	8.44%	1	
AMCR	Amcor PLC	Containers Or Packaging	ProcessIndustries	12,762	8.83	RANGE	воттом	8.50%	-1	
IT	Gartner Inc.	Internet Software Or Services	TechnologyServices	35,032	449.31	RANGE	воттом	8.56%	1	
VMI	Valmont Industries Inc.	Metal Fabrication	ProducerManufacturing	4,269	211.17	RANGE	воттом	8.56%	1	
TMO	Thermo Fisher Scientific Inc.	Medical Specialties	HealthTechnology	208,893	547.25	RANGE	воттом	8.58%	1	
XPO	XPO Inc	Trucking	Transportation	13,819	119.01	RANGE	воттом	8.60%	2	
XLY	SPDR Consumer Discretionary Select Sector Fund ETF	nvestment Trusts Or Mutual Func	Miscellaneous	19,309,018,149	172.33	RANGE	воттом	8.61%	1	
CVLT	CommVault Systems Inc	Packaged Software	TechnologyServices	4,132	94.63	RANGE	воттом	8.62%	2	
πwo	Take-Two Interactive Software Inc.	Packaged Software	TechnologyServices	24,421	143.16	RANGE	воттом	8.65%	1	
NSC	Norfolk Southern Corp.	Railroads	Transportation	54,066	239.34	RANGE	воттом	8.68%	1	
LMND	Lemonade Inc	Property Or Casualty Insurance	Finance	1,105	15.74	RANGE	воттом	8.76%	-1	
INVH	Invitation Homes Inc	Real Estate Investment Trusts	Finance	20,238	33.07	RANGE	воттом	8.88%	0	!!
SSNC	SS&C Technologies Holdings Inc	Information Technology Services	TechnologyServices	14,887	60.24	RANGE	воттом	9.06%	0	
KLAC	KLA Corp.	ectronic Equipment Or Instrumer	ElectronicTechnology	89,117	658.98	RANGE	воттом	9.08%	1	
BOKF	BOK Financial Corp.	Major Banks	Finance	5,502	85.13	RANGE	воттом	9.18%	1	
MAR	Marriott International Inc	Hotels Or Resorts Or Cruiselines	ConsumerServices	69,031	238.46	RANGE	воттом	9.19%	1	!!
NTNX	Nutanix Inc	Packaged Software	TechnologyServices	14,833	60.71	RANGE	воттом	9.31%	0	
PTC	PTC Inc	Packaged Software	TechnologyServices	21,218	177.48	RANGE	воттом	9.33%	1	
πс	Toro Co.	ks Or Construction Or Farm Mach	ProducerManufacturing	8,799	84.28	RANGE	воттом	9.35%	1	
LRCX	Lam Research Corp.	Industrial Machinery	ProducerManufacturing	119,600	912.26	RANGE	воттом	9.36%	2	
ALLE	Allegion PLC	Building Products	ProducerManufacturing	11,013	125.78	RANGE	воттом	9.37%	1	!!
GWRE	Guidewire Software Inc	Information Technology Services	TechnologyServices	9,027	108.34	RANGE	воттом	9.43%	1	
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SYMBOL	DESCRIPTION	INDUSTRY	SECTOR	MKT CAP	LAST	TREND/RANGE	ALERT	NEXT MOVE	OVERSOLD	ALERT
IONS	Ionis Pharmaceuticals Inc	Pharmaceuticals Major	HealthTechnology	5,963	40.91	RANGE	воттом	9.45%	-1	
ANSS	Ansys Inc Registered Shares	Packaged Software	TechnologyServices	28,335	325.62	RANGE	воттом	9.66%	1	
ORCL	Oracle Corp.	Packaged Software	TechnologyServices	326,166	118.67	RANGE	BOTTOM	9.67%	1	!!
ZBH	Zimmer Biomet Holdings Inc	Medical Specialties	HealthTechnology	24,877	121.30	RANGE	BOTTOM	9.69%	1	
LII	Lennox International Inc	Industrial Machinery	ProducerManufacturing	16,293	457.85	RANGE	воттом	9.73%	1	- 99
TDC	Teradata Corp	Packaged Software	TechnologyServices	3,537	36.31	RANGE	воттом	9.74%	-1	- !!
BBY	Best Buy Co. Inc.	Electronics Or Appliance Stores	RetailTrade	16,420	76.23	RANGE	воттом	9.80%	1	- !!
NXST	Nexstar Media Group Inc	Broadcasting	ConsumerServices	5,311	158.87	RANGE	BOTTOM	9.80%	1	
NNN	NNN REIT Inc	Real Estate Investment Trusts	Finance	7,239	39.67	RANGE	воттом	9.85%	0	
IPGP	IPG Photonics Corp	Semiconductors	ElectronicTechnology	3,889	84.37	RANGE	BOTTOM	9.85%	0	
CARR	Carrier Global Corp	Industrial Machinery	ProducerManufacturing	48,831	54.25	RANGE	BOTTOM	9.97%	0	
ITW	Illinois Tool Works Inc.	Auto Parts OEM	ProducerManufacturing	74,563	249.54	RANGE	воттом	10.00%	1	
GXO	GXO Logistics Inc	Air Freight Or Couriers	Transportation	5,826	48.85	RANGE	воттом	10.00%	0	!!
ADT	ADT Inc	Aiscellaneous Commercial Service	CommercialServices	5,626	6.18	RANGE	воттом	10.10%	-1	- !!
CUBE	CubeSmart	Real Estate Investment Trusts	Finance	9,495	42.21	RANGE	BOTTOM	10.16%	0	
BERY	Berry Global Group Inc	Miscellaneous Manufacturing	ProducerManufacturing	6,483	55.94	RANGE	воттом	10.19%	-1	
HIW	Highwoods Properties Inc.	Real Estate Investment Trusts	Finance	2,518	23.82	RANGE	воттом	10.23%	-1	
BPOP	Popular Inc.	Regional Banks	Finance	5,843	80.87	RANGE	воттом	10.30%	1	
CDNS	Cadence Design Systems Inc.	Packaged Software	TechnologyServices	80,066	293.71	RANGE	воттом	10.38%	1	
FTNT	Fortinet Inc	Information Technology Services	TechnologyServices	49,338	64.66	RANGE	воттом	10.42%	0	
PNFP	Pinnacle Financial Partners Inc.	Regional Banks	Finance	6,038	78.33	RANGE	воттом	10.43%	1	
OZK	Bank OZK	Regional Banks	Finance	4,813	41.82	RANGE	воттом	10.47%	0	
VTRS	Viatris Inc	Pharmaceuticals Major	HealthTechnology	13,182	11.10	RANGE	воттом	10.50%	-1	!!
IWM	iShares Russell 2000 ETF	nvestment Trusts Or Mutual Fund	Miscellaneous	66,840,060,000	193.00	RANGE	воттом	10.51%	1	
HOMB	Home Bancshares Inc	Regional Banks	Finance	4,512	22.43	RANGE	воттом	10.51%	-1	
FITB	Fifth Third Bancorp	Regional Banks	Finance	23,309	34.10	RANGE	воттом	10.54%	0	
DXC	DXC Technology Co	Data Processing Services	TechnologyServices	3,619	19.79	RANGE	воттом	10.56%	-1	
MAS	Masco Corp.	Building Products	ProducerManufacturing	15,902	72.36	RANGE	воттом	10.66%	1	
SWK	Stanley Black & Decker Inc	Tools And Hardware	ConsumerDurables	13,739	89.33	RANGE	воттом	10.71%	1	!!
EW	Edwards Lifesciences Corp	Medical Specialties	HealthTechnology	52,457	87.24	RANGE	воттом	10.83%	2	!!
NSA	National Storage Affiliates Trust	Real Estate Investment Trusts	Finance	2,866	35.83	RANGE	воттом	10.85%	0	
FTDR	Frontdoor Inc.	Homebuilding	ConsumerDurables	2,319	29.59	RANGE	BOTTOM	10.87%	0	!!
WTFC	Wintrust Financial Corp.	Regional Banks	Finance	5,838	94.96	RANGE	воттом	10.92%	1	
TFC	Truist Financial Corporation	Regional Banks	Finance	47,592	35.66	RANGE	воттом	10.95%	0	
PAYC	Paycom Software Inc	Packaged Software	TechnologyServices	10,754	186.86	RANGE	BOTTOM	10.97%	1	
UPS	United Parcel Service Inc.	Air Freight Or Couriers	Transportation	121,436	142.25	RANGE	воттом	10.99%	1	
IWO	iShares Russell 2000 Growth ETF	nvestment Trusts Or Mutual Fund	Miscellaneous	11,954,383,000	248.02	RANGE	воттом	11.01%	1	
CRUS	Cirrus Logic Inc.	Semiconductors	ElectronicTechnology	4,598	85.25	RANGE	воттом	11.04%	1	
CLOU	Global X Cloud Computing ETF	0	Miscellaneous		20.21	RANGE	воттом	11.16%	-1	
MOS	Mosaic Company	Chemicals Agricultural	ProcessIndustries	9,744	30.29	RANGE	воттом	11.24%	0	!!
FNB	F.N.B. Corp.	Major Banks	Finance	4,595	12.80	RANGE	воттом	11.29%	-1	
CHRW	C.H. Robinson Worldwide Inc.	Air Freight Or Couriers	Transportation	8,043	68.81	RANGE	воттом	11.30%	0	
CMA	Comerica Inc.	Major Banks	Finance	6,601	49.82	RANGE	воттом	11.35%	0	
NWSA	News Corp	Publishing Newspapers	ConsumerServices	13.697	24.15	RANGE	воттом	11.36%	-1	

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SYMBOL	DESCRIPTION	INDUSTRY	SECTOR	MKT CAP	LAST	TREND/RANGE	ALERT	NEXT MOVE	OVERSOLD	ALERT
MAN	ManpowerGroup Inc	Personnel Services	CommercialServices	3,390	70.07	RANGE	BOTTOM	11.44%	1	
PB	Prosperity Bancshares Inc.	Regional Banks	Finance	5,555	59.39	RANGE	воттом	11.46%	0	
WSO	Watsco Inc.	Building Products	ProducerManufacturing	15,954	403.94	RANGE	воттом	11.51%	1	- 99
EXR	Extra Space Storage Inc.	Real Estate Investment Trusts	Finance	28,795	136.10	RANGE	BOTTOM	11.51%	1	
HSY	Hershey Company	Food Specialty Or Candy	ConsumerNonDurables	37,211	182.45	RANGE	воттом	11.67%	1	- !!
PNC	PNC Financial Services Group Inc	Major Banks	Finance	58,583	147.25	RANGE	BOTTOM	11.71%	1	
NXPI	NXP Semiconductors NV	Semiconductors	ElectronicTechnology	58,196	226.92	RANGE	BOTTOM	11.79%	1	
SUI	Sun Communities Inc.	Real Estate Investment Trusts	Finance	14,718	118.30	RANGE	воттом	11.80%	1	- !!
EWBC	East West Bancorp Inc.	Regional Banks	Finance	10,021	71.56	RANGE	BOTTOM	11.82%	1	- !!
SWKS	Skyworks Solutions Inc.	Semiconductors	ElectronicTechnology	15,799	98.47	RANGE	воттом	11.90%	1	
PFE	Pfizer Inc.	Pharmaceuticals Major	HealthTechnology	143,541	25.42	RANGE	воттом	11.93%	-1	
TER	Teradyne Inc.	Electronic Production Equipment	ElectronicTechnology	15,614	102.07	RANGE	воттом	11.98%	1	
ZION	Zions Bancorporation N.A	Major Banks	Finance	5,831	39.36	RANGE	воттом	12.01%	0	
HPQ	HP Inc	Computer Processing Hardware	ElectronicTechnology	27,094	27.69	RANGE	воттом	12.08%	-1	
ST	Sensata Technologies Holding PLC	ectronic Equipment Or Instrumer	ElectronicTechnology	5,038	33.48	RANGE	воттом	12.19%	0	
ENTG	Entegris Inc	Industrial Machinery	ProducerManufacturing	19,482	129.25	RANGE	воттом	12.26%	1	
WMS	Advanced Drainage Systems Inc	Miscellaneous Manufacturing	ProducerManufacturing	12,179	156.91	RANGE	воттом	12.29%	2	. !!
RF	Regions Financial Corp.	Major Banks	Finance	17,330	18.86	RANGE	воттом	12.30%	-1	!!
Α	Agilent Technologies Inc.	Medical Specialties	HealthTechnology	39,431	134.55	RANGE	воттом	12.36%	1	!!
PCTY	Paylocity Holding Corp	Packaged Software	TechnologyServices	8,837	156.88	RANGE	воттом	12.42%	1	
BRX	Brixmor Property Group Inc	Real Estate Investment Trusts	Finance	6,333	21.02	RANGE	воттом	12.48%	-1	
GLPI	Gaming and Leisure Properties Inc	Real Estate Investment Trusts	Finance	11,223	42.03	RANGE	воттом	12.51%	0	
UBER	Uber Technologies Inc	Other Transportation	Transportation	149.746	71.94	RANGE	воттом	12.51%	1	
SRPT	Sarepta Therapeutics Inc	Pharmaceuticals Major	HealthTechnology	11,065	117.89	RANGE	BOTTOM	12.67%	1	- 11
вон	Bank of Hawaii Corp.	Regional Banks	Finance	2,237	56.25	RANGE	BOTTOM	12.74%	-1	
ARE	Alexandria Real Estate Equities Inc.	Real Estate Investment Trusts	Finance	20,372	116.45	RANGE	воттом	12.93%	1	
OLED	Universal Display Corp.	Electronic Production Equipment	ElectronicTechnology	7.198	151.97	RANGE	воттом	12.98%	0	
XRX	Xerox Holdings Corp	Computer Peripherals	ElectronicTechnology	2,011	16.19	RANGE	воттом	13.06%	-1	
ENOV	Enovis Corp	Industrial Machinery	ProducerManufacturing	3,072	56.24	RANGE	воттом	13.08%	0	
PSA	Public Storage.	Real Estate Investment Trusts	Finance	45,998	261.81	RANGE	воттом	13.22%	1	
HUN	Huntsman Corp	Chemicals Major Diversified	ProcessIndustries	4,078	23.67	RANGE	воттом	13.51%	-1	- 91
GEN	Gen Digital Inc	Packaged Software	TechnologyServices	12,974	20.37	RANGE	воттом	13.67%	-1	
GFS	GlobalFoundries Inc	Semiconductors	ElectronicTechnology	25,942	47.36	RANGE	воттом	13.87%	-1	
FICO	Fair Isaac Corp.	Packaged Software	TechnologyServices	28,661	1153.28	RANGE	воттом	13.92%	1	
LAZ	Lazard Ltd.	Investment Banks Or Brokers	Finance	3,273	37.44	RANGE	воттом	13.97%	0	
NET	CloudFlare Inc	Information Technology Services		29.714	88.00	RANGE	воттом	14.05%	1	
LEN	Lennar Corp.	Homebuilding	ConsumerDurables	42,275	151.88	RANGE	воттом	14.43%	1	- 11
WBS	Webster Financial Corp.	Savings Banks	Finance	7,789	45.40	RANGE	BOTTOM	14.47%	0	
HST	Host Hotels & Resorts Inc	Real Estate Investment Trusts	Finance	13,186	18.74	RANGE	BOTTOM	14.54%	-1	
CRWD	Crowdstrike Holdings Inc	Packaged Software	TechnologyServices	71.034	293.69	RANGE	BOTTOM	14.62%	1	
MKTX	MarketAxess Holdings Inc.	Investment Banks Or Brokers	Finance	7,647	293.69	RANGE	BOTTOM	14.62%	0	
PENN	PENN Entertainment Inc	Movies Or Entertainment	ConsumerServices	2,478	16.26	RANGE	BOTTOM	14.75%	-2	
SNPS	Synopsys Inc.	Packaged Software	TechnologyServices	80,479	527.58	RANGE	BOTTOM	14.75%	1	
DHI	D.R. Horton Inc.	Homebuilding	ConsumerDurables		145.74	RANGE	BOTTOM	14.97%	1	
וחט	D.R. HORION INC.	nomebuilding	ConsumerDurables	48,359	145.74	RANGE	BULLOM	14.97%	1	

				(Smillion)		CONDITION	SHORT TERM	POSSIBLE	OVERBOUGHT	RANGE?
SYMBOL	DESCRIPTION	INDUSTRY	SECTOR	MKT CAP	LAST	TREND/RANGE	ALERT	NEXT MOVE	OVERSOLD	ALERT
SBAC	SBA Communications Corp	Real Estate Investment Trusts	Finance	21,213	196.22	RANGE	воттом	15.07%	0	!!
EFX	Equifax Inc.	Aiscellaneous Commercial Service	CommercialServices	29,527	237.68	RANGE	воттом	15.14%	1	- !!
DKNG	DraftKings Inc Ordinary Shares - Class A	Movies Or Entertainment	ConsumerServices	19,992	42.21	RANGE	воттом	15.16%	0	
USB	U.S. Bancorp.	Major Banks	Finance	61,584	39.52	RANGE	воттом	15.21%	0	
BXP	Boston Properties Inc.	Real Estate Investment Trusts	Finance	9,099	57.95	RANGE	воттом	15.23%	0	
RMD	Resmed Inc.	Medical Specialties	HealthTechnology	25,569	173.83	RANGE	воттом	15.39%	1	
MIDD	Middleby Corp.	Industrial Machinery	ProducerManufacturing	7,573	141.27	RANGE	воттом	15.46%	1	!!
DAR	Darling Ingredients Inc	Food Specialty Or Candy	ConsumerNonDurables	6,664	41.71	RANGE	воттом	15.51%	0	
LSCC	Lattice Semiconductor Corp.	Semiconductors	ElectronicTechnology	9,658	70.22	RANGE	воттом	15.51%	1	
STNE	StoneCo Ltd	Packaged Software	TechnologyServices	4,712	15.25	RANGE	воттом	15.65%	-2	
VNO	Vornado Realty Trust	Real Estate Investment Trusts	Finance	4,897	25.71	RANGE	воттом	15.78%	-1	
DH	Definitive Healthcare Corp - Ordinary Shares - Class A	Packaged Software	TechnologyServices	847	7.19	RANGE	воттом	15.78%	-2	
CFLT	Confluent Inc - Ordinary Shares Class A	Packaged Software	TechnologyServices	8,647	27.66	RANGE	BOTTOM	16.02%	-1	
FBIN	Fortune Brands Innovations Inc	<b>Building Products</b>	ProducerManufacturing	9,380	74.37	RANGE	воттом	16.28%	1	
KRC	Kilroy Realty Corp.	Real Estate Investment Trusts	Finance	3,801	32.40	RANGE	воттом	16.31%	0	
CZR	Caesars Entertainment Inc	Casinos Or Gaming	ConsumerServices	8,332	38.52	RANGE	воттом	16.51%	-1	
KD	Kyndryl Holdings Inc	Data Processing Services	TechnologyServices	4,533	19.70	RANGE	воттом	16.52%	-1	
BEN	Franklin Resources Inc.	Investment Managers	Finance	13,064	24.81	RANGE	воттом	16.62%	-1	!!
NWL	Newell Brands Inc	Industrial Conglomerates	ProducerManufacturing	2,877	6.93	RANGE	BOTTOM	16.86%	-1	
JBGS	JBG Smith Properties	Real Estate Investment Trusts	Finance	1,330	14.51	RANGE	воттом	17.04%	-2	!!
POOL	Pool Corporation	Wholesale Distributors	DistributionServices	13,975	364.15	RANGE	BOTTOM	17.06%	1	!!
RXO	RXO Inc	Packaged Software	TechnologyServices	2,260	19.23	RANGE	воттом	17.19%	-1	
BBWI	Bath & Body Works Inc	Apparel Or Footwear Retail	RetailTrade	9,713	43.19	RANGE	воттом	17.26%	0	
IP	International Paper Co.	Containers Or Packaging	ProcessIndustries	12,143	35.06	RANGE	воттом	17.34%	0	!!
SITE	SiteOne Landscape Supply Inc	ks Or Construction Or Farm Mach	ProducerManufacturing	7,254	160.69	RANGE	BOTTOM	17.38%	1	
SQ	Block Inc - Ordinary Shares - Class A	Information Technology Services	TechnologyServices	45,260	73.51	RANGE	воттом	17.73%	1	- 9
IAC	IAC Inc - Ordinary Shares - New	Internet Software Or Services	TechnologyServices	4,046	47.06	RANGE	воттом	17.76%	0	
HPP	Hudson Pacific Properties Inc	Real Estate Investment Trusts	Finance	817	5.79	RANGE	воттом	17.81%	-2	!!
ALB	Albemarle Corp.	Chemicals Specialty	ProcessIndustries	13,442	114.39	RANGE	BOTTOM	18.19%	1	
PLTR	Palantir Technologies Inc - Ordinary Shares - Class A	Packaged Software	TechnologyServices	47,153	21.31	RANGE	BOTTOM	18.23%	-1	
WOLF	Wolfspeed Inc	Semiconductors	ElectronicTechnology	3,175	25.24	RANGE	воттом	18.24%	-2	
TSLA	Tesla Inc	Motor Vehicles	ConsumerDurables	495,076	155.45	RANGE	BOTTOM	18.27%	-1	
PCOR	Procore Technologies Inc	Packaged Software	TechnologyServices	10,398	71.75	RANGE	BOTTOM	18.57%	1	!!
APTV	Aptiv PLC	Auto Parts OEM	ProducerManufacturing	18,910	69.35	RANGE	воттом	18.65%	0	
WAL	Western Alliance Bancorp	Regional Banks	Finance	6,114	55.49	RANGE	BOTTOM	18.69%	0	
FMC	FMC Corp.	Chemicals Agricultural	ProcessIndustries	6,997	56.06	RANGE	BOTTOM	18.76%	-1	!!
VSAT	Viasat Inc.	Telecommunications Equipment	ElectronicTechnology	1,950	15.56	RANGE	воттом	19.07%	-2	
ILMN	Illumina Inc	Biotechnology	HealthTechnology	18,796	118.29	RANGE	BOTTOM	20.36%	1	
ON	ON Semiconductor Corp.	Semiconductors	ElectronicTechnology	27,550	64.47	RANGE	BOTTOM	21.02%	-1	
CAR	Avis Budget Group Inc	Finance Or Rental Or Leasing	Finance	3,737	105.35	RANGE	воттом	22.40%	0	
ANET	Arista Networks Inc	Computer Peripherals	ElectronicTechnology	81,057	259.27	RANGE	воттом	22.94%	0	
DOCN	DigitalOcean Holdings Inc	Packaged Software	TechnologyServices	3,017	33.23	RANGE	BOTTOM	23.49%	-1	!!
LITE	Lumentum Holdings Inc	Electrical Products	ProducerManufacturing	2,830	41.98	RANGE	воттом	24.39%	-2	
COHR	Coherent Corp	ectronic Equipment Or Instrumer	ElectronicTechnology	7,865	51.81	RANGE	BOTTOM	25.38%	-1	!!

				(\$million)		CONDITION	SHORT TERM	POSSIBLE	OVERBOUGHT	RAI
SYMBOL	DESCRIPTION	INDUSTRY	SECTOR	MKT CAP	LAST	TREND/RANGE	ALERT	NEXT MOVE	OVERSOLD	AL
UPST	Upstart Holdings Inc	Internet Software Or Services	TechnologyServices	1,940	22.44	RANGE	BOTTOM	27.34%	-2	
HTZ	Hertz Global Holdings Inc Ordinary Shares (New)	Finance Or Rental Or Leasing	Finance	908	6.39	RANGE	BOTTOM	29.09%	-3	
NVAX	Novavax Inc.	Biotechnology	HealthTechnology	544	3.89	RANGE	BOTTOM	29.71%	-2	
NVCR	NovoCure Ltd	Medical Specialties	HealthTechnology	1,291	12.05	RANGE	BOTTOM	31.20%	-3	
IOVA	Iovance Biotherapeutics Inc	Biotechnology	HealthTechnology	3,296	11.80	RANGE	BOTTOM	33.63%	-1	
PLUG	Plug Power Inc	Electronic Production Equipment	ElectronicTechnology	1,868	2.73	RANGE	BOTTOM	35.37%	-2	
BYND	Beyond Meat Inc	Food Major Diversified	ConsumerNonDurables	416	6.43	RANGE	воттом	35.78%	-2	
ADPT	Adaptive Biotechnologies Corp	Biotechnology	HealthTechnology	354	2.44	RANGE	BOTTOM	40.77%	-3	
CHPT	ChargePoint Holdings Inc - Ordinary Shares - Class A	Specialty Stores	RetailTrade	593	1.40	RANGE	BOTTOM	43.75%	-3	
OPEN	Opendoor Technologies Inc	Real Estate Development	Finance	1,468	2.16	RANGE	BOTTOM	53.80%	-3	
NKTR	Nektar Therapeutics	Pharmaceuticals Major	HealthTechnology	248	1.35	UPTREND				

#### TPA TREND-RANGE STRATEGY EXPLAINED

#### Alerts:

- 1. Uptrend stocks trading below short term moving averages:
- Possible buy at uptrend support (chart 1)
- Possible sell if medium-term trend break (chart 2)
- 2. Downtrend stocks trading above short-term moving averages
- Possible sell at downtrend resistance (chart 3)
- Possible buy if medium-term trend break (chart 4)
- 3. Range stocks (low trend strength) at the top or bottom 10% of their 2 STD DEV Bollinger Band
- Possible buy at bottom of range (chart 5)
- Possible sell at top of range (chart 6)

Medium-term Trend Strength determined by DMI ADX

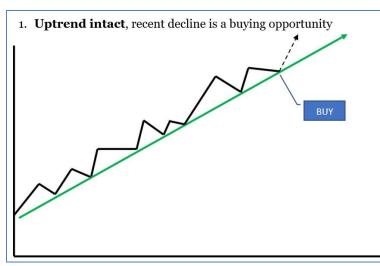
Uptrend - trend strength & DMI+ > DMI-

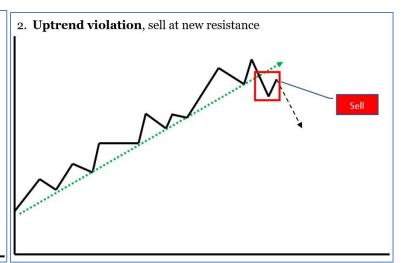
Downtrend – trend strength & DMI- > DMI+

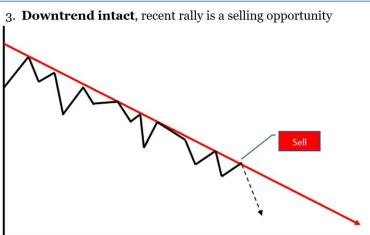
Range - low trend strength

Actionable stocks fit one of the 6 TPA charts at the bottom of this report

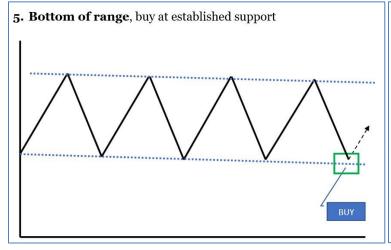
TPA looks first to Trend-Range for actionable ideas. Other variables must also be examined including, but not confined to, TPA's ongoing macro investment themes, relative strength compared to the market, sector, and subsector, overbought or oversold characteristics, other technical patterns that may exist, patterns that involve fundamentals or EPS surprise, longer-term support and resistance levels, and longer-term uptrends and downtrend lines.

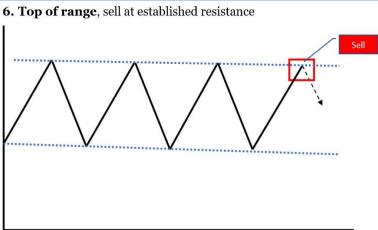












CLICK ON LINKS BELOW FOR TECHNICAL INDICATOR EXPLANATIONS:

BASING-TOPPING-CONSOLIDATION
BREAKOUT (Breakdown)
CHANNEL & RANGE
DIRECTIONAL MOVEMENT INDEX (DMI)
DOUBLE BOTTOM or DOUBLE TOP
MACD-MOVING AVERAGE CONVERGENCE-DIVERGENCE
MOVING AVERAGES
RELATIVE STRENGTH & PEER STOCK PERFORMANCE
REPEATING PATTERNS
RSI-RELATIVE\_STRENGTH
SUPPORT, RESISTANCE, BREAKOUT, BREAKDOWN
TREND

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ALWAYS REMEMBER: No strategy exists in a vacuum – always evaluate the relevant sector & market. Over 80% of portfolio performance is determined by sector and market forces (Ibbotson & Kaplan study – January/Febuary2000)

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