



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 Trend-Range Report 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 200DMA, 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!)

SYMBOL	DESCRIPTION	INDUSTRY	SECTOR	(\$million)		CONDITION	SHORT TERM	POSSIBLE	OVERBOUGHT	RANGE?
				MKT CAP	LAST	TREND/RANGE	ALERT	NEXT MOVE	OVERSOLD	ALERT
AGCO	AGCO Corp.	ks Or Construction Or Farm Mach	ProducerManufacturing	8,674	116.24	UPTREND	TURN DOWN?	-0.47%	1	
RJF	Raymond James Financial Inc.	Investment Managers	Finance	25,489	121.94	UPTREND	TURN DOWN?	-0.37%	1	
QCOM	Qualcomm Inc.	Semiconductors	ElectronicTechnology	183,381	164.32	UPTREND	TURN DOWN?	-0.33%	1	
RCL	Royal Caribbean Group	Hotels Or Resorts Or Cruiselines	ConsumerServices	32,844	127.97	UPTREND	TURN DOWN?	-0.24%	1	
SRC	Spirit Realty Capital Inc (Delisted)	Real Estate Investment Trusts	Finance	5,989	42.31	UPTREND	TURN DOWN?	0.20%	1	
PNR	Pentair PLC	Industrial Machinery	ProducerManufacturing	13,091	79.18	UPTREND	TURN DOWN?	0.49%	1	
PKG	Packaging Corp of America	Containers Or Packaging	ProcessIndustries	15,999	178.51	UPTREND	TURN DOWN?	0.92%	1	
AVGO	Broadcom Inc	Semiconductors	ElectronicTechnology	594,398	1282.63	UPTREND	TURN DOWN?	1.85%	1	
UAL	United Airlines Holdings Inc	Airlines	Transportation	15,988	48.74	RANGE	TOP	-17.63%	2	
JNPR	Juniper Networks Inc	Information Technology Services	TechnologyServices	11,833	36.48	RANGE	BOTTOM	2.52%	0	!!
FCN	FTI Consulting Inc.	Miscellaneous Commercial Servi	CommercialServices	7,265	204.46	RANGE	BOTTOM	2.86%	1	!!
XYL	Xylem Inc	Industrial Machinery	ProducerManufacturing	30,516	126.22	RANGE	BOTTOM	3.05%	1	
CASY	Casey's General Stores Inc.	Specialty Stores	RetailTrade	11,445	309.17	RANGE	BOTTOM	3.70%	1	
AME	AMETEK Inc	Electrical Products	ProducerManufacturing	41,167	178.05	RANGE	BOTTOM	3.92%	1	
MSGS	Madison Square Garden Sports Corp - Ordinary Shares	Movies Or Entertainment	ConsumerServices	4,283	178.84	RANGE	BOTTOM	4.27%	1	
SON	Sonoco Products Co.	Containers Or Packaging	ProcessIndustries	5,482	55.79	RANGE	BOTTOM	4.75%	0	
MSFT	Microsoft Corporation	Packaged Software	TechnologyServices	3,060,152	411.84	RANGE	BOTTOM	4.85%	1	!!
SNA	Snap-on Inc.	Tools And Hardware	ConsumerDurables	14,980	283.50	RANGE	BOTTOM	5.45%	1	!!
VGK	Vanguard Group Inc. - Vanguard FTSE Europe ETF	Investment Trusts Or Mutual Fun	Miscellaneous	19,685,696,753	64.67	RANGE	BOTTOM	5.72%	0	
TXN	Texas Instruments Inc.	Semiconductors	ElectronicTechnology	150,796	165.70	RANGE	BOTTOM	5.73%	1	
VTS	Vitesse Energy Inc	Oil And Gas Production	EnergyMinerals	673	22.84	RANGE	BOTTOM	5.73%	-1	
IWF	iShares Russell 1000 Growth ETF	Investment Trusts Or Mutual Fun	Miscellaneous	71,482,848,000	324.24	RANGE	BOTTOM	5.75%	1	
CSCO	Cisco Systems Inc.	Information Technology Services	TechnologyServices	193,511	47.79	RANGE	BOTTOM	6.00%	0	
QQQ	Invesco QQQ Trust	Investment Trusts Or Mutual Fun	Miscellaneous	214,706,000,000	425.84	RANGE	BOTTOM	6.10%	1	
SLM	SLM Corp.	Finance Or Rental Or Leasing	Finance	4,535	20.58	RANGE	BOTTOM	6.17%	-1	
NDSN	Nordson Corp.	Industrial Machinery	ProducerManufacturing	14,916	260.80	RANGE	BOTTOM	6.23%	1	!!
WST	West Pharmaceutical Services Inc.	Medical Specialties	HealthTechnology	27,625	377.36	RANGE	BOTTOM	6.28%	1	
FRT	Federal Realty Investment Trust.	Real Estate Investment Trusts	Finance	8,053	97.04	RANGE	BOTTOM	6.38%	1	
QRVO	Qorvo Inc	Semiconductors	ElectronicTechnology	10,616	109.95	RANGE	BOTTOM	6.66%	1	
EPR	EPR Properties	Real Estate Investment Trusts	Finance	3,031	40.05	RANGE	BOTTOM	6.73%	0	
FDN	First Trust Exchange-Traded Fund III - First Trust Dow	Investment Trusts Or Mutual Fun	Miscellaneous	10,718,526,488	197.10	RANGE	BOTTOM	6.78%	1	
REG	Regency Centers Corporation	Real Estate Investment Trusts	Finance	10,586	57.29	RANGE	BOTTOM	6.85%	0	!!
TKR	Timken Co.	Industrial Machinery	ProducerManufacturing	5,879	83.83	RANGE	BOTTOM	6.87%	1	
ESS	Essex Property Trust Inc.	Real Estate Investment Trusts	Finance	14,937	232.65	RANGE	BOTTOM	6.88%	1	
XLK	SPDR Technology Select Sector Fund ETF	Investment Trusts Or Mutual Fun	Miscellaneous	63,414,357,779	198.85	RANGE	BOTTOM	6.92%	1	
SEB	Seaboard Corp.	Agricultural Commodities Or Millin	ProcessIndustries	2,987	3075.71	RANGE	BOTTOM	7.11%	0	!!
ODFL	Old Dominion Freight Line Inc.	Trucking	Transportation	45,888	210.81	RANGE	BOTTOM	7.13%	1	
KEYS	Keysight Technologies Inc	Electronic Equipment Or Instrumen	ElectronicTechnology	26,171	149.93	RANGE	BOTTOM	7.15%	1	
AMH	American Homes 4 Rent	Real Estate Investment Trusts	Finance	12,690	34.66	RANGE	BOTTOM	7.18%	0	
APD	Air Products & Chemicals Inc.	Chemicals Specialty	ProcessIndustries	50,909	229.01	RANGE	BOTTOM	7.24%	1	
TWLO	Twilio Inc - Ordinary Shares Class A	Packaged Software	TechnologyServices	10,694	58.74	RANGE	BOTTOM	7.25%	-1	
PINC	Premier Inc	Hospital Or Nursing Managemen	HealthServices	2,473	20.64	RANGE	BOTTOM	7.25%	-1	
MCHP	Microchip Technology Inc.	Semiconductors	ElectronicTechnology	45,971	85.07	RANGE	BOTTOM	7.33%	1	
AVT	Avnet Inc.	Electronics Distributors	DistributionServices	4,210	46.59	RANGE	BOTTOM	7.48%	0	

SYMBOL	DESCRIPTION	INDUSTRY	SECTOR	(Million)		CONDITION	SHORT TERM	POSSIBLE	OVERBOUGHT	RANGE?
				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	BOTTOM	11.46%	0	
WSO	Watco Inc.	Building Products	ProducerManufacturing	15,954	403.94	RANGE	BOTTOM	11.51%	1	!!
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	BOTTOM	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	BOTTOM	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	BOTTOM	11.90%	1	
PFE	Pfizer Inc.	Pharmaceuticals Major	HealthTechnology	143,541	25.42	RANGE	BOTTOM	11.93%	-1	
TER	Teradyne Inc.	Electronic Production Equipment	ElectronicTechnology	15,614	102.07	RANGE	BOTTOM	11.98%	1	
ZION	Zions Bancorporation N.A	Major Banks	Finance	5,831	39.36	RANGE	BOTTOM	12.01%	0	
HPQ	HP Inc	Computer Processing Hardware	ElectronicTechnology	27,094	27.69	RANGE	BOTTOM	12.08%	-1	
ST	Sensata Technologies Holding PLC	Electronic Equipment Or Instrument	ElectronicTechnology	5,038	33.48	RANGE	BOTTOM	12.19%	0	
ENTG	Entegris Inc	Industrial Machinery	ProducerManufacturing	19,482	129.25	RANGE	BOTTOM	12.26%	1	
WMS	Advanced Drainage Systems Inc	Miscellaneous Manufacturing	ProducerManufacturing	12,179	156.91	RANGE	BOTTOM	12.29%	2	!!
RF	Regions Financial Corp.	Major Banks	Finance	17,330	18.86	RANGE	BOTTOM	12.30%	-1	!!
A	Agilent Technologies Inc.	Medical Specialties	HealthTechnology	39,431	134.55	RANGE	BOTTOM	12.36%	1	!!
PCY	Paylocity Holding Corp	Packaged Software	TechnologyServices	8,837	156.88	RANGE	BOTTOM	12.42%	1	
BRX	Brixmor Property Group Inc	Real Estate Investment Trusts	Finance	6,333	21.02	RANGE	BOTTOM	12.48%	-1	
GLPI	Gaming and Leisure Properties Inc	Real Estate Investment Trusts	Finance	11,223	42.03	RANGE	BOTTOM	12.51%	0	!!
UBER	Uber Technologies Inc	Other Transportation	Transportation	149,746	71.94	RANGE	BOTTOM	12.51%	1	
SRPT	Sarepta Therapeutics Inc	Pharmaceuticals Major	HealthTechnology	11,065	117.89	RANGE	BOTTOM	12.67%	1	!!
BOH	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	BOTTOM	12.93%	1	
QLED	Universal Display Corp.	Electronic Production Equipment	ElectronicTechnology	7,198	151.97	RANGE	BOTTOM	12.98%	0	
XRX	Xerox Holdings Corp	Computer Peripherals	ElectronicTechnology	2,011	16.19	RANGE	BOTTOM	13.06%	-1	
ENOV	Enovis Corp	Industrial Machinery	ProducerManufacturing	3,072	56.24	RANGE	BOTTOM	13.08%	0	
PSA	Public Storage.	Real Estate Investment Trusts	Finance	45,998	261.81	RANGE	BOTTOM	13.22%	1	
HUN	Huntsman Corp	Chemicals Major Diversified	ProcessIndustries	4,078	23.67	RANGE	BOTTOM	13.51%	-1	!!
GEN	Gen Digital Inc	Packaged Software	TechnologyServices	12,974	20.37	RANGE	BOTTOM	13.67%	-1	
GFS	GlobalFoundries Inc	Semiconductors	ElectronicTechnology	25,942	47.36	RANGE	BOTTOM	13.87%	-1	
FICO	Fair Isaac Corp.	Packaged Software	TechnologyServices	28,661	1153.28	RANGE	BOTTOM	13.92%	1	
LAZ	Lazard Ltd.	Investment Banks Or Brokers	Finance	3,273	37.44	RANGE	BOTTOM	13.97%	0	
NET	CloudFlare Inc	Information Technology Services	TechnologyServices	29,714	88.00	RANGE	BOTTOM	14.05%	1	
LEN	Lennar Corp.	Homebuilding	ConsumerDurables	42,275	151.88	RANGE	BOTTOM	14.43%	1	!!
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	201.93	RANGE	BOTTOM	14.69%	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	14.97%	1	
DHI	D.R. Horton Inc.	Homebuilding	ConsumerDurables	48,359	145.74	RANGE	BOTTOM	14.97%	1	

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SBAC	SBA Communications Corp	Real Estate Investment Trusts	Finance	21,213	196.22	RANGE	BOTTOM	15.07%	0	!!
EFX	Equifax Inc.	Miscellaneous Commercial Service	CommercialServices	29,527	237.68	RANGE	BOTTOM	15.14%	1	!!
DKNG	DraftKings Inc. - Ordinary Shares - Class A	Movies Or Entertainment	ConsumerServices	19,992	42.21	RANGE	BOTTOM	15.16%	0	!!
USB	U.S. Bancorp.	Major Banks	Finance	61,584	39.52	RANGE	BOTTOM	15.21%	0	
BXP	Boston Properties Inc.	Real Estate Investment Trusts	Finance	9,099	57.95	RANGE	BOTTOM	15.23%	0	
RMD	Resmed Inc.	Medical Specialties	HealthTechnology	25,569	173.83	RANGE	BOTTOM	15.39%	1	
MIDD	Middleby Corp.	Industrial Machinery	ProducerManufacturing	7,573	141.27	RANGE	BOTTOM	15.46%	1	!!
DAR	Darling Ingredients Inc	Food Specialty Or Candy	ConsumerNonDurables	6,664	41.71	RANGE	BOTTOM	15.51%	0	
LSCC	Lattice Semiconductor Corp.	Semiconductors	ElectronicTechnology	9,658	70.22	RANGE	BOTTOM	15.51%	1	
STNE	StoneCo Ltd	Packaged Software	TechnologyServices	4,712	15.25	RANGE	BOTTOM	15.65%	-2	
VNO	Vornado Realty Trust	Real Estate Investment Trusts	Finance	4,897	25.71	RANGE	BOTTOM	15.78%	-1	
DH	Definitive Healthcare Corp - Ordinary Shares - Class A	Packaged Software	TechnologyServices	847	7.19	RANGE	BOTTOM	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	Building Products	ProducerManufacturing	9,380	74.37	RANGE	BOTTOM	16.28%	1	
KRC	Kilroy Realty Corp.	Real Estate Investment Trusts	Finance	3,801	32.40	RANGE	BOTTOM	16.31%	0	
CZR	Caesars Entertainment Inc	Casinos Or Gaming	ConsumerServices	8,332	38.52	RANGE	BOTTOM	16.51%	-1	
KD	Kyndryl Holdings Inc	Data Processing Services	TechnologyServices	4,533	19.70	RANGE	BOTTOM	16.52%	-1	
BEN	Franklin Resources Inc.	Investment Managers	Finance	13,064	24.81	RANGE	BOTTOM	16.62%	-1	!!
NWL	Newell Brands Inc	Industrial Conglomerates	ProducerManufacturing	2,877	6.93	RANGE	BOTTOM	16.86%	-1	
JBG	JBG Smith Properties	Real Estate Investment Trusts	Finance	1,330	14.51	RANGE	BOTTOM	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	BOTTOM	17.19%	-1	
BBWI	Bath & Body Works Inc	Apparel Or Footwear Retail	RetailTrade	9,713	43.19	RANGE	BOTTOM	17.26%	0	
IP	International Paper Co.	Containers Or Packaging	ProcessIndustries	12,143	35.06	RANGE	BOTTOM	17.34%	0	!!
SITE	SiteOne Landscape Supply Inc	Construction Or Farm Machinery	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	BOTTOM	17.73%	1	!!
IAC	IAC Inc - Ordinary Shares - New	Internet Software Or Services	TechnologyServices	4,046	47.06	RANGE	BOTTOM	17.76%	0	
HPP	Hudson Pacific Properties Inc	Real Estate Investment Trusts	Finance	817	5.79	RANGE	BOTTOM	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	BOTTOM	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	!!
APTIV	Aptiv PLC	Auto Parts OEM	ProducerManufacturing	18,910	69.35	RANGE	BOTTOM	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	BOTTOM	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	BOTTOM	22.40%	0	
ANET	Arista Networks Inc	Computer Peripherals	ElectronicTechnology	81,057	259.27	RANGE	BOTTOM	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	BOTTOM	24.39%	-2	
COHR	Coherent Corp	Electronic Equipment Or Instrument	ElectronicTechnology	7,865	51.81	RANGE	BOTTOM	25.38%	-1	!!

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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	BOTTOM	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-

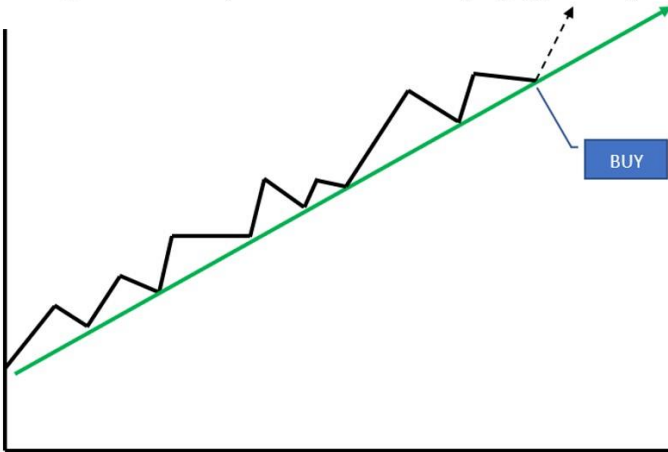
Downtrend – trend strength & DMI- > DMI+

Range – low trend strength

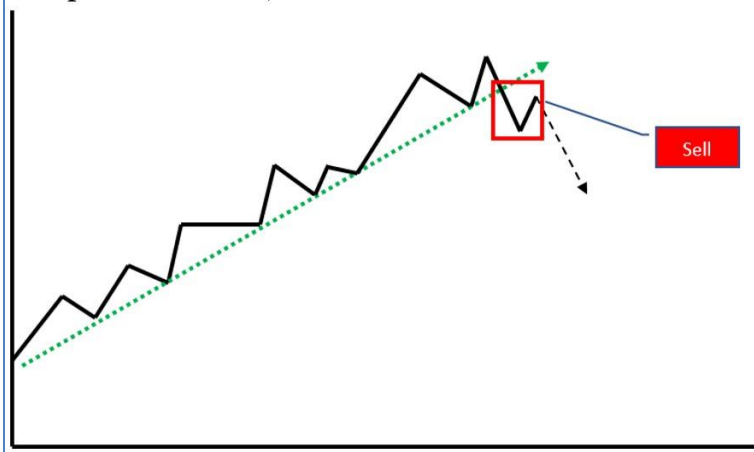
Actionable stocks fit one of the 6 TPA charts at the bottom of this report

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.

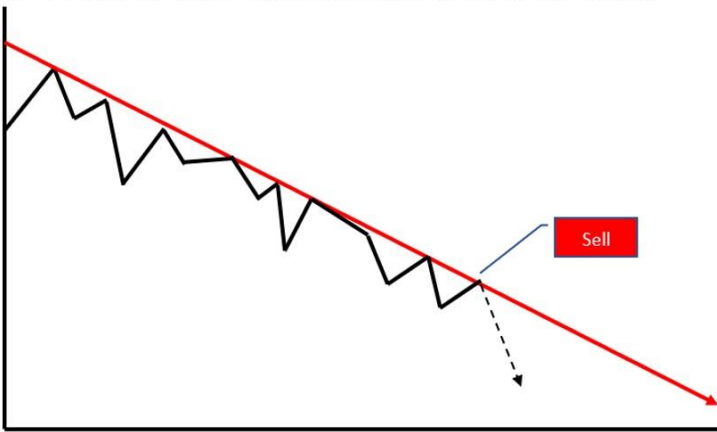
1. **Uptrend intact**, recent decline is a buying opportunity



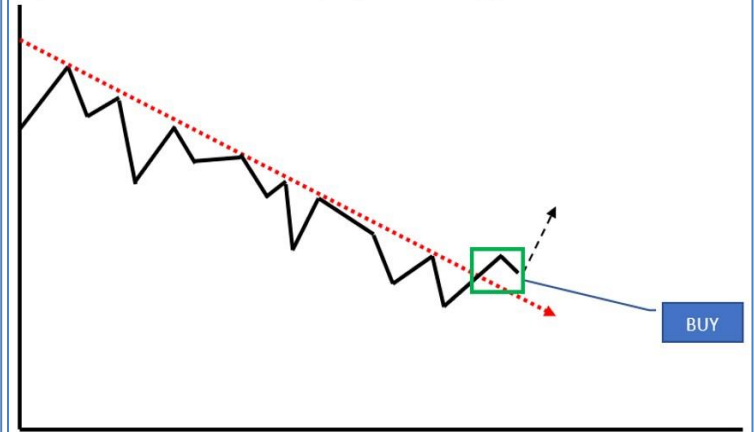
2. **Uptrend violation**, sell at new resistance



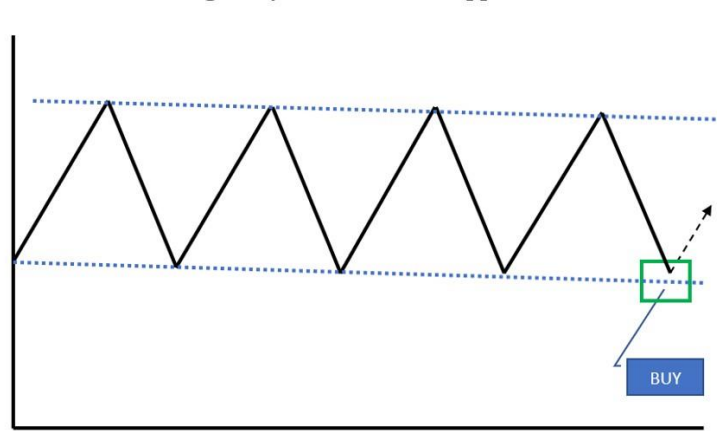
3. **Downtrend intact**, recent rally is a selling opportunity



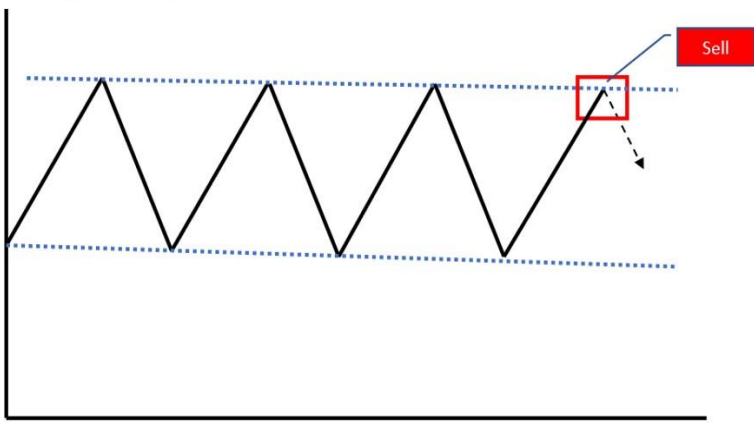
4. **Downtrend violation**, buy at new support



5. **Bottom of range**, buy at established support



6. **Top of range**, sell at established resistance



CLICK ON LINKS BELOW FOR TECHNICAL INDICATOR EXPLANATIONS:

[ASCENDING - DESCENDING TRIANGLE](#)

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

Visit TPA at <http://www.turningpointanalyticsllc.com/>

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/February 2000)

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