

Market Outlook Considerations Chart Book

Week Beginning – October 28, 2019



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*Robert Coats, Ph.D.
Economist
Arkansas Department of Agriculture
1 Natural Resources Drive
Little Rock, AR 72205*

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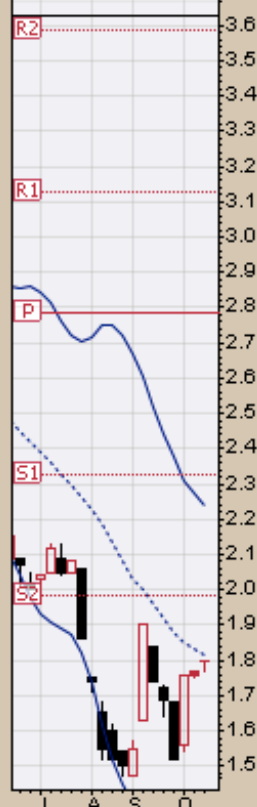
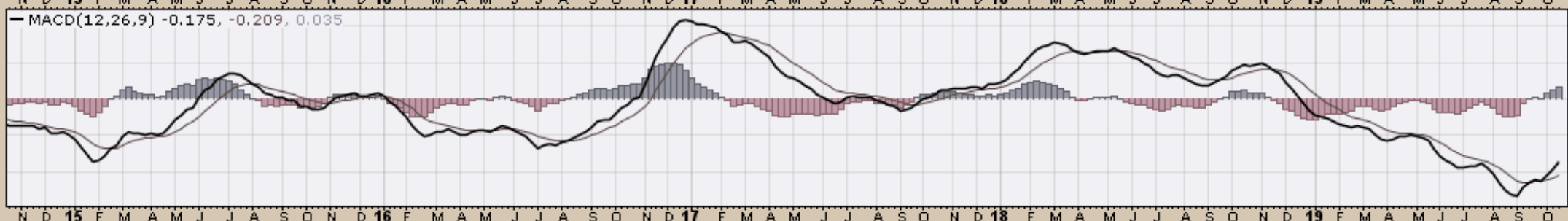
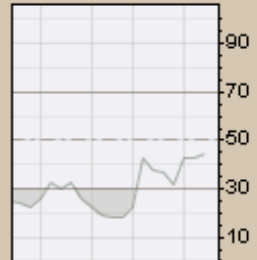
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***\$UST10Y – 10 Year US Treasury Yield
Weekly, Daily and Monthly Charts***

▲ RSI(14) 44.30

CHART A1. \$UST10Y - 10-YEAR US TREASURY YIELD, WEEKLY CHART

▲ \$UST10Y (Weekly) 1.80
— BB(20,2,0) 1.39 - 1.82 - 2.24
— PIVOTS 1.98, 2.33, 2.78, 3.13, 3.58
■ Volume undef



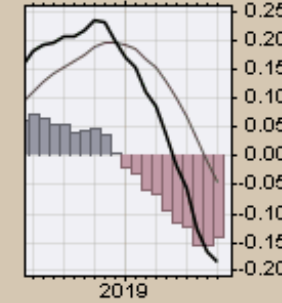
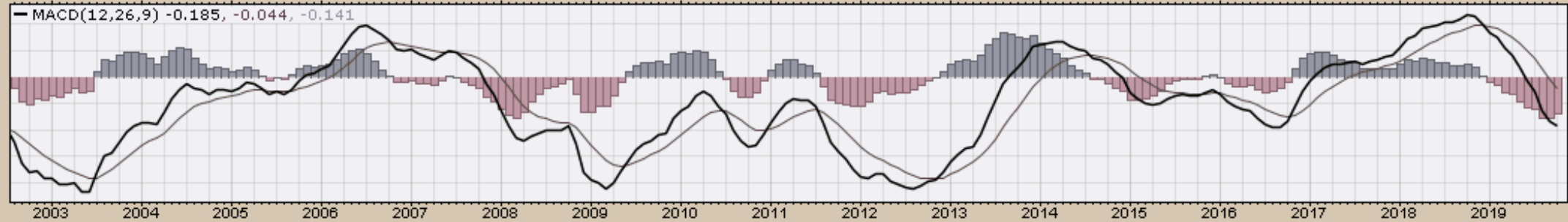
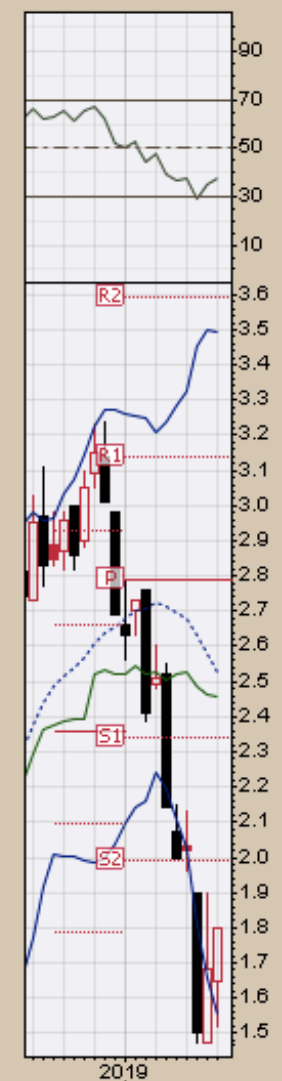
\$UST10Y (Daily) 1.80
MA(200) 2.19
Volume undef

CHART A2. \$UST10Y - 10-YEAR US TREASURY YIELD, DAILY CHART



CHART A3. \$UST10Y - 10-YEAR US TREASURY YIELD, MONTHLY CHART

▲ \$UST10Y (Monthly) 1.80
 — BB(20,2,0) 1.56 - 2.53 - 3.49
 — PIVOTS 1.99, 2.34, 2.79, 3.14, 3.59
 — CHANDLR(22,3,0) 2.46
 ■ Volume undef



— \$UST10Y (Monthly) 1.80
— MA(200) 3.10



CHART A4. \$UST10Y - 10-YEAR US TREASURY YIELD, MONTHLY CHART

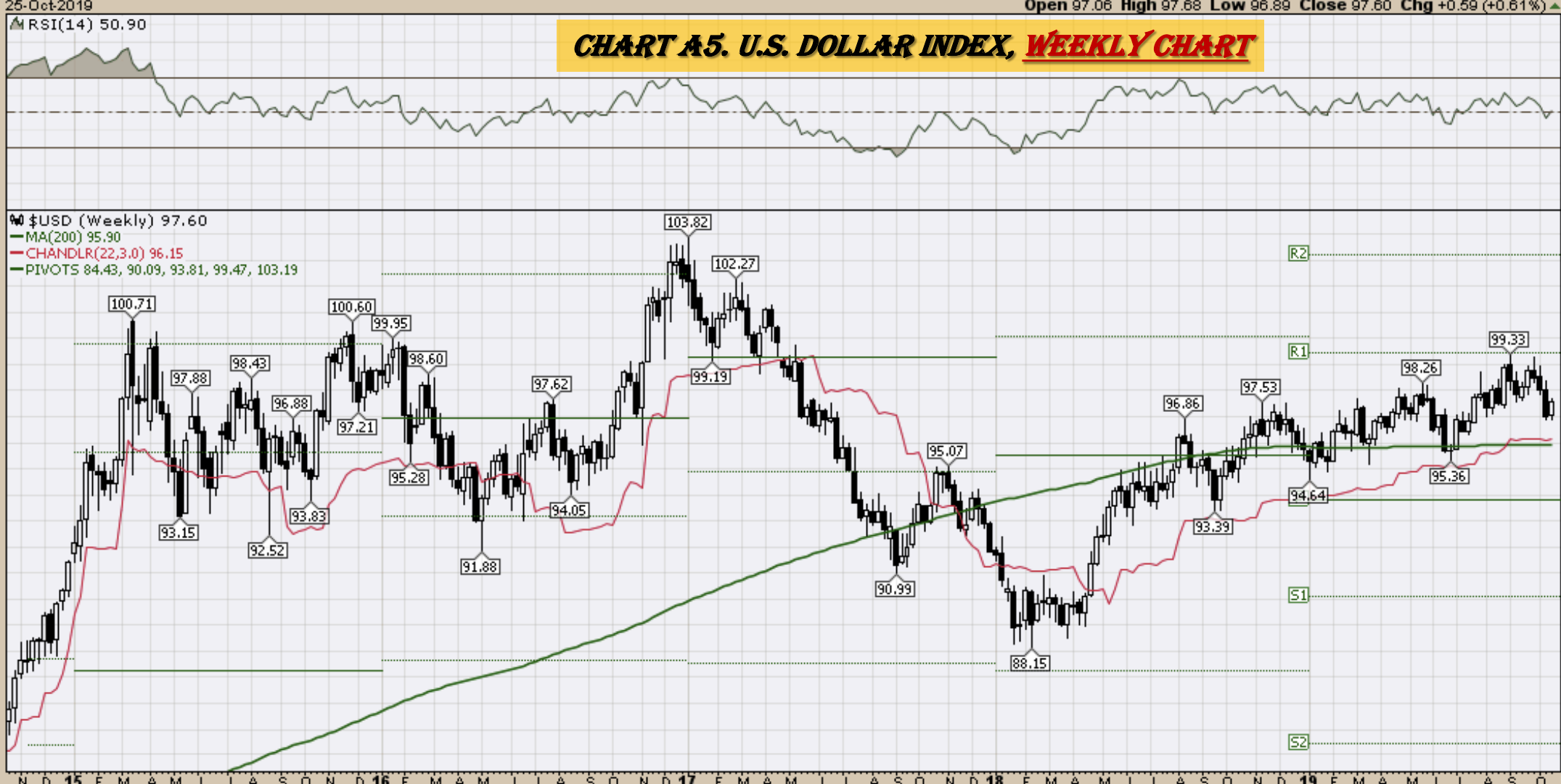
US Dollar Index
Weekly, Daily and Monthly Charts

25-Oct-2019

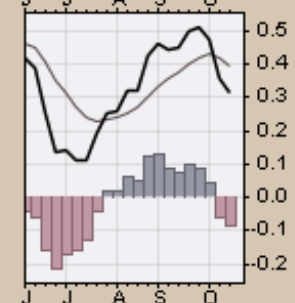
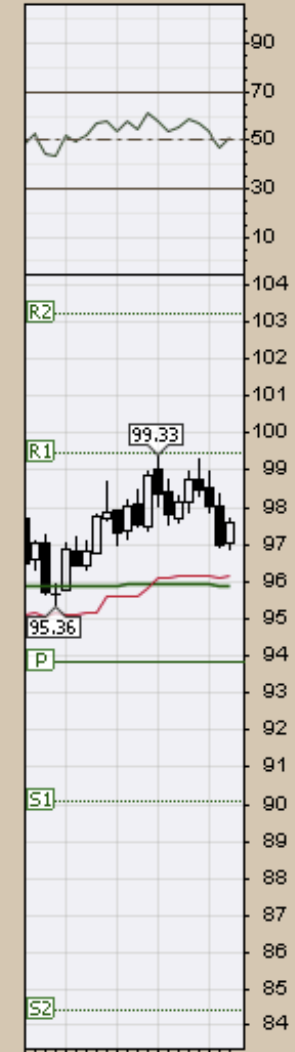
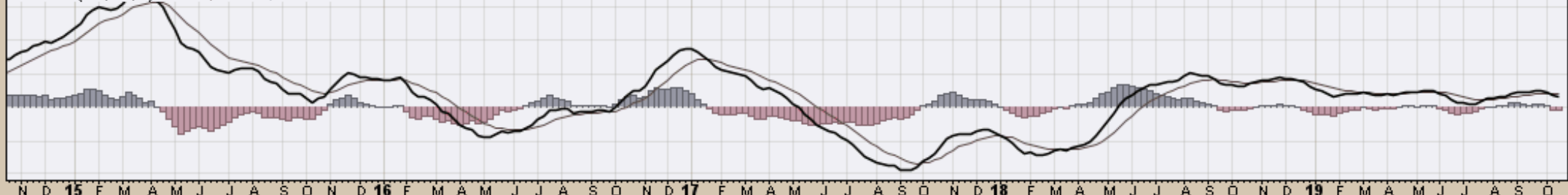
RSI(14) 50.90

CHART A5. U.S. DOLLAR INDEX, WEEKLY CHART

\$USD (Weekly) 97.60
MA(200) 95.90
CHANDLR(22,3,0) 96.15
PIVOTS 84.43, 90.09, 93.81, 99.47, 103.19

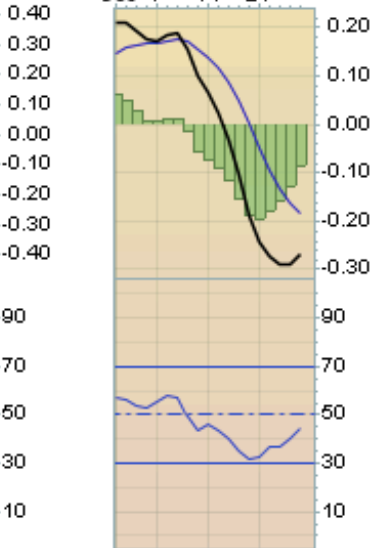
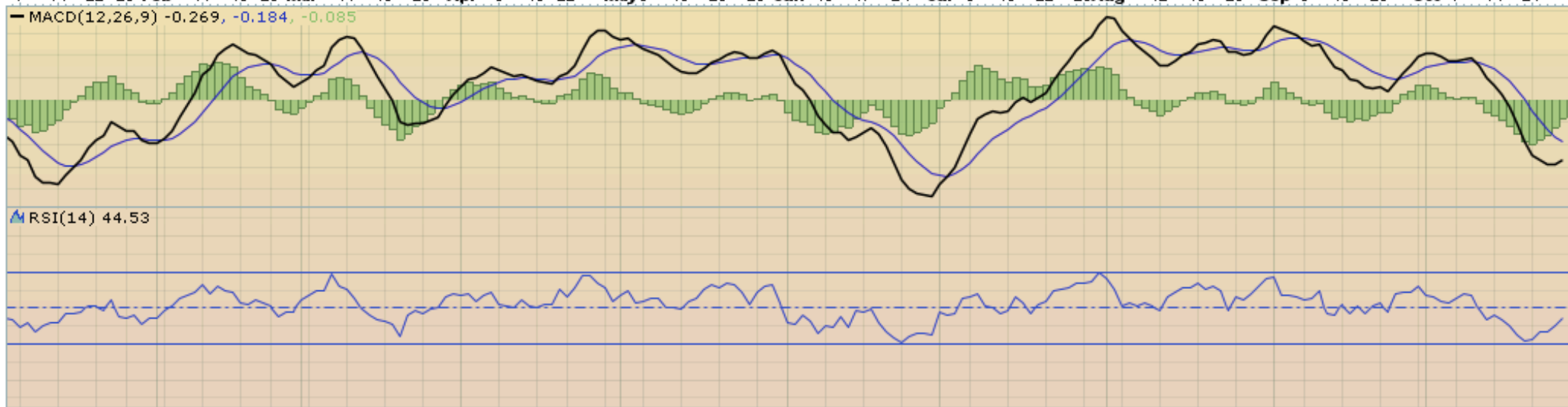
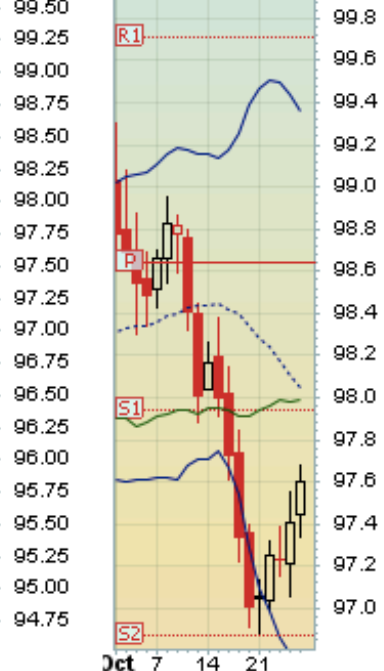


MACD(12,26,9) 0.313, 0.396, -0.082



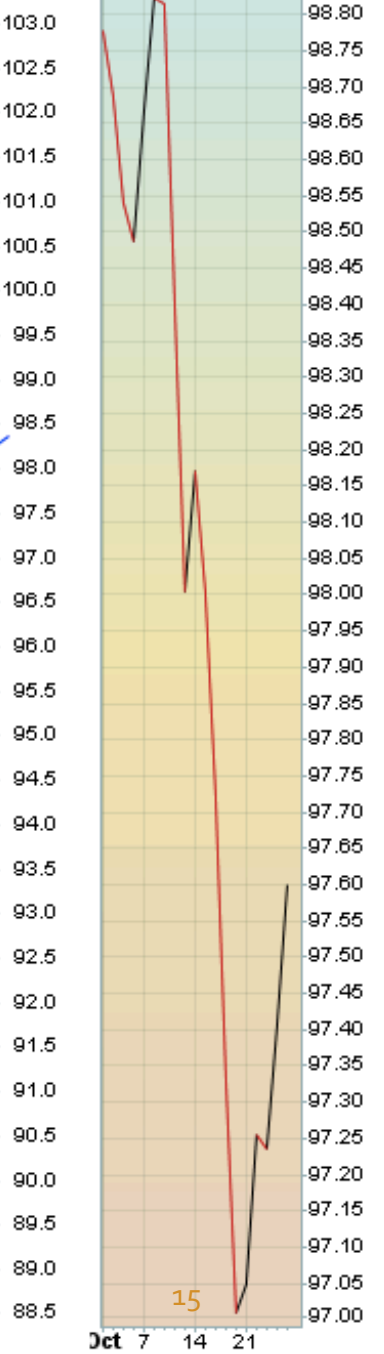
US Dollar Index - Cash Settle (EOD) (Daily) 97.60
BB(20,2,0) 96.74 - 98.05 - 99.36
PIVOTS 96.87, 97.94, 98.64, 99.71, 100.41
CHANDLR(22,3,0) 97.99
Volume undef

CHART A6A. US DOLLAR INDEX, DAILY CHART

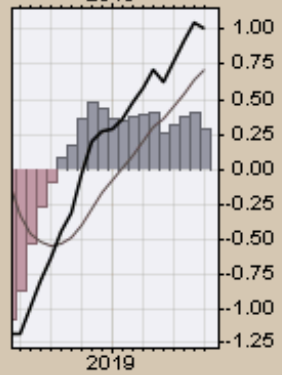
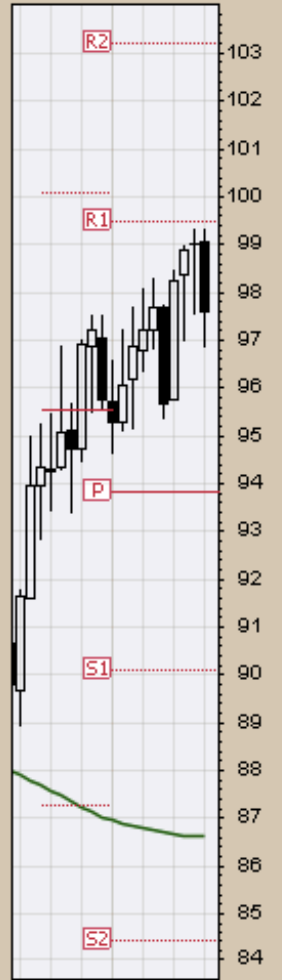
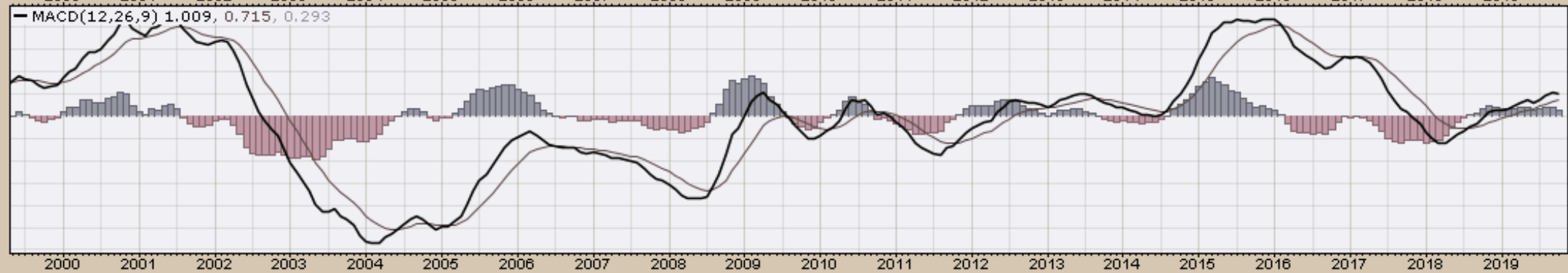


— US Dollar Index - Cash Settle (EOD) (Daily) 97.60

CHART A6B. US DOLLAR INDEX, DAILY CHART

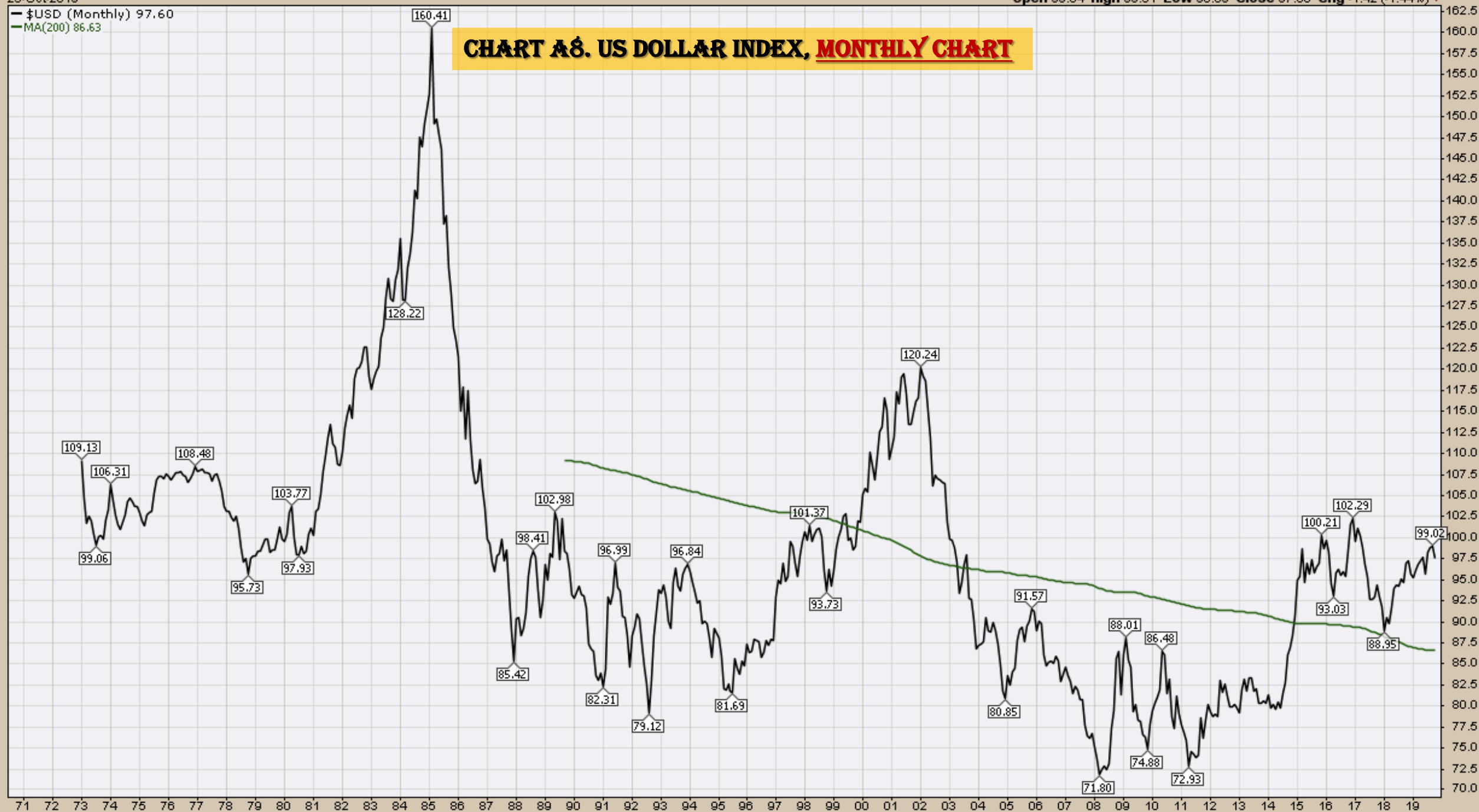


25-Oct-2019



— \$USD (Monthly) 97.60
— MA(200) 86.63

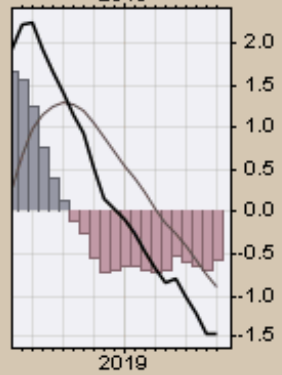
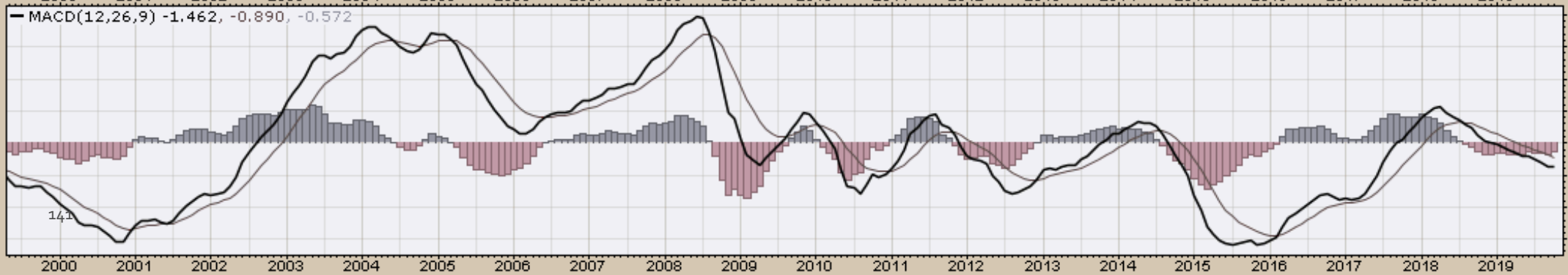
CHART A8. US DOLLAR INDEX, MONTHLY CHART



Select Currency Charts
Monthly Charts



CHART A9. EURO, MONTHLY CHART



25-Oct-2019

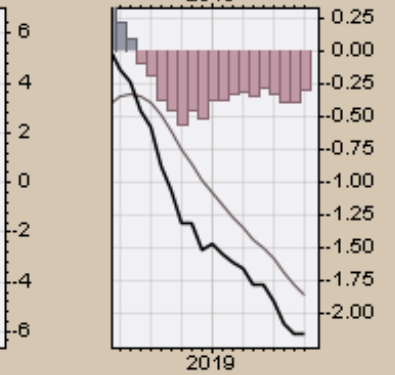
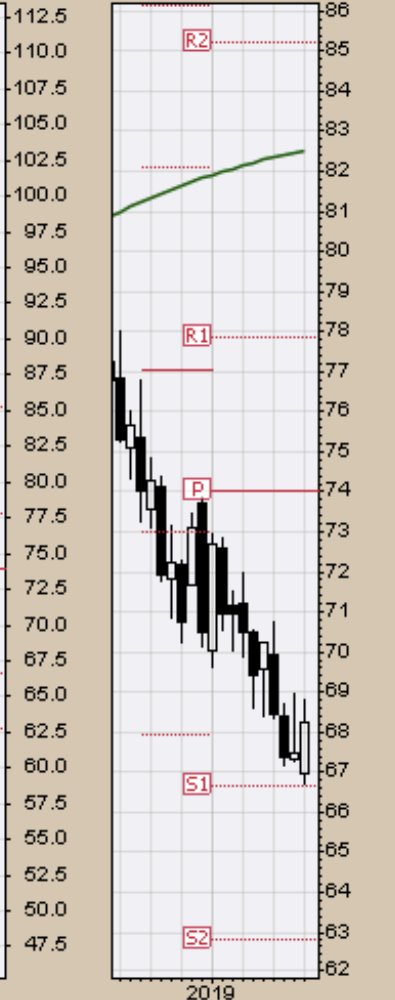
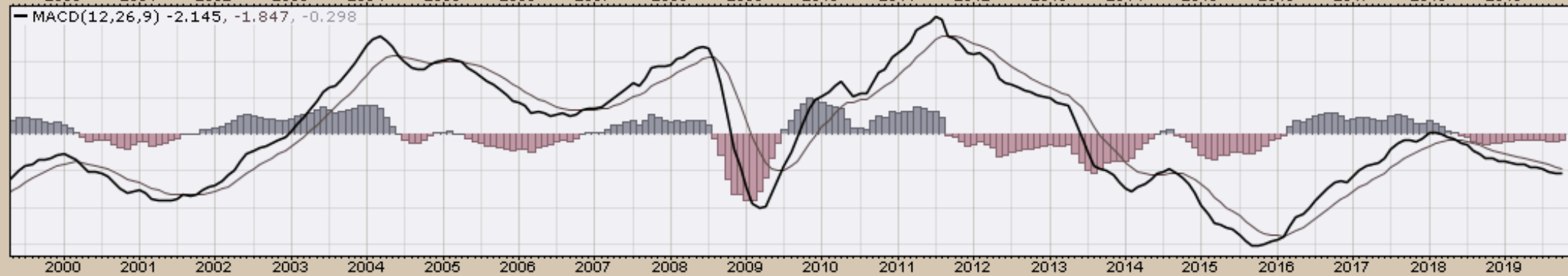
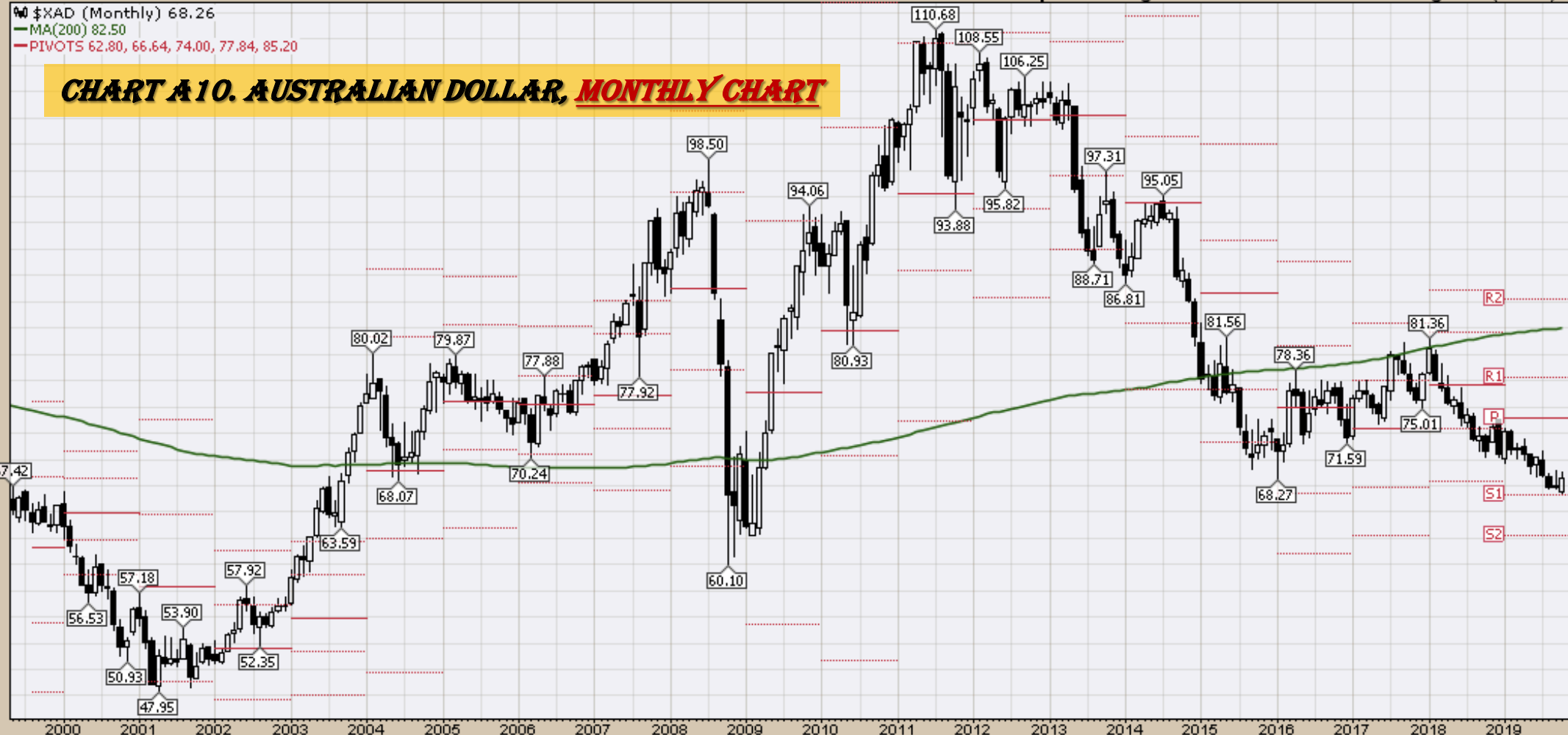
Open 66.97 High 68.81 Low 66.71 Close 68.26 Chg +0.76 (+1.13%) ▲

\$XAD (Monthly) 68.26

MA(200) 82.50

PIVOTS 62.80, 66.64, 74.00, 77.84, 85.20

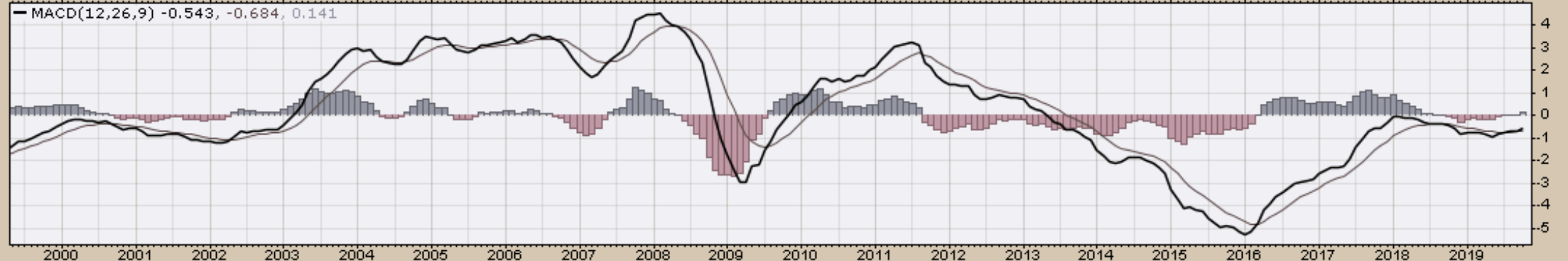
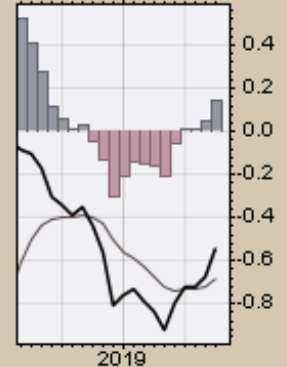
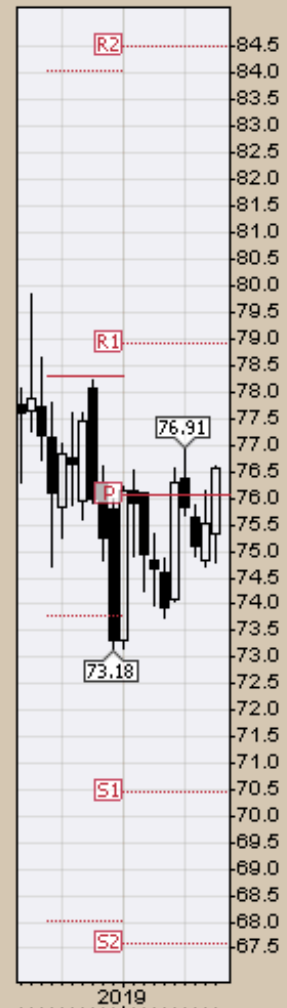
CHART A10. AUSTRALIAN DOLLAR, MONTHLY CHART



1M \$CDW (Monthly) 76.57

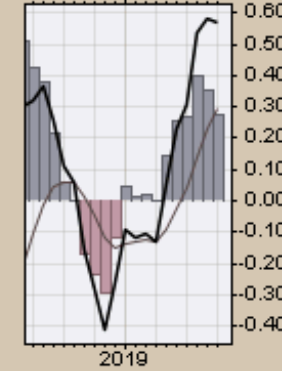
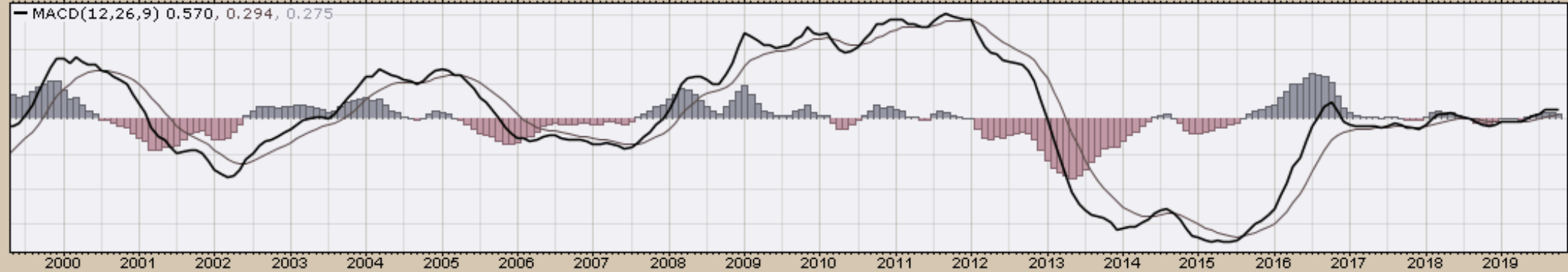
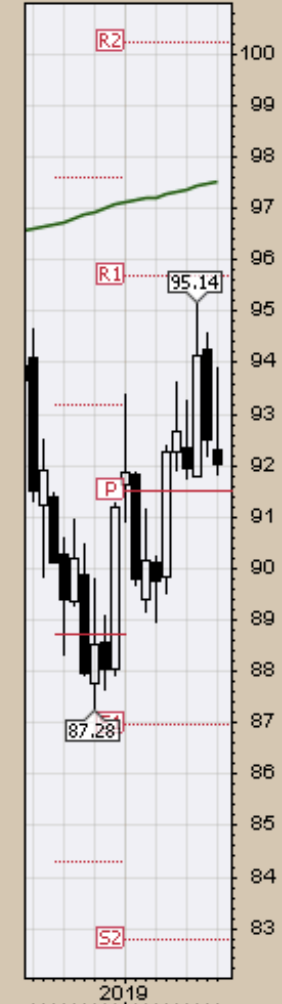
MA(200) 86.48

PIVOTS 67.59, 70.46, 76.05, 78.91, 84.50



\$XJY (Monthly) 92.03
MA(200) 97.51
PIVOTS 82.77, 86.98, 91.49, 95.70, 100.21

CHART A12. JAPANESE YEN, MONTHLY CHART



\$XBP (Monthly) 128.27

MA(200) 160.96

PIVOTS 113.28, 120.41, 131.93, 139.06, 150.58

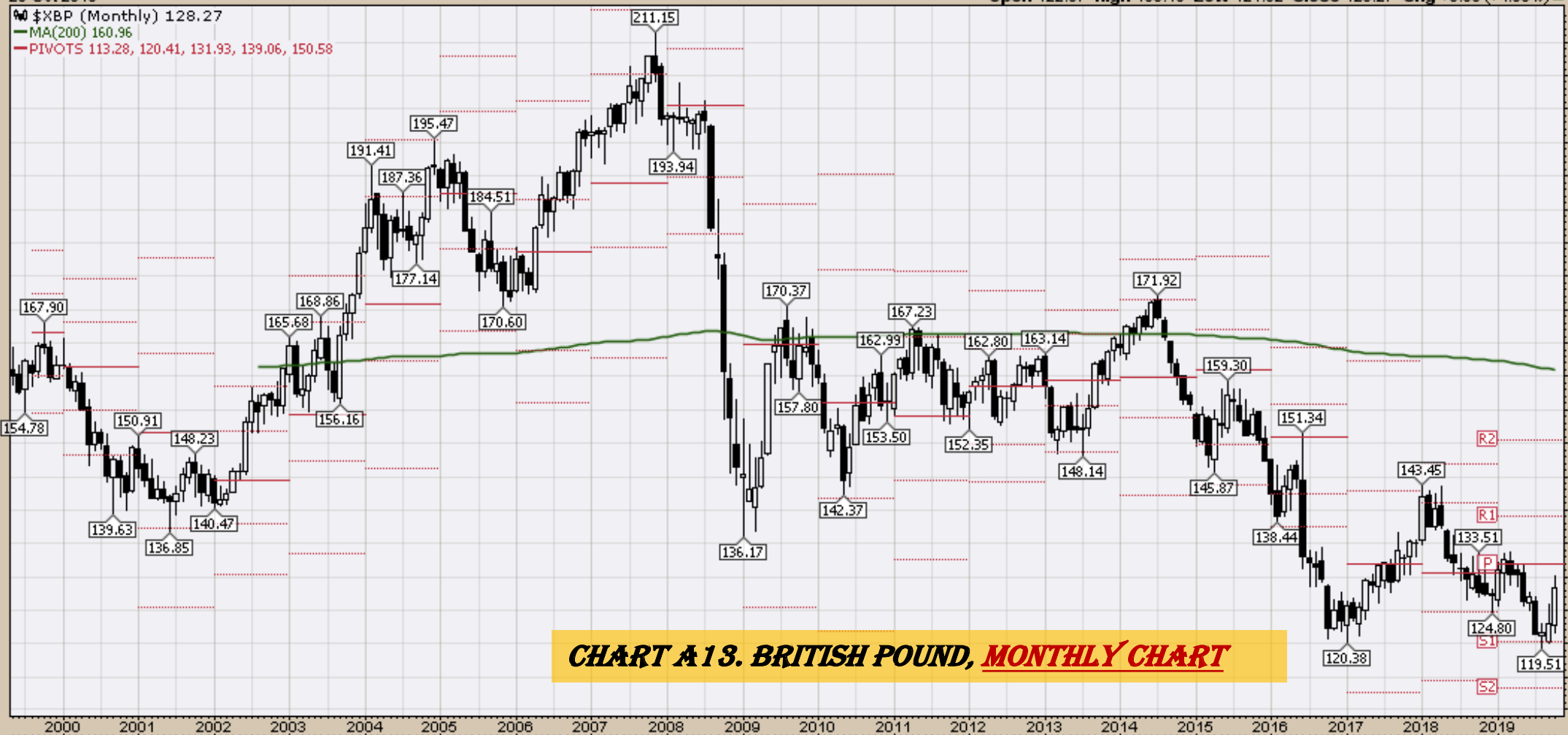
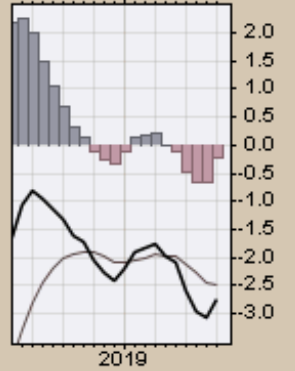
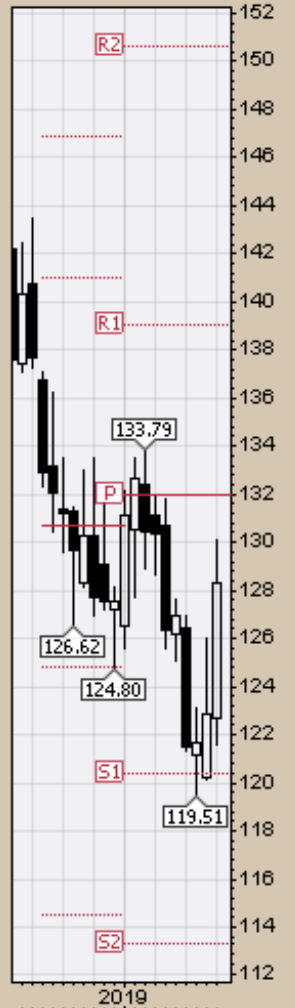
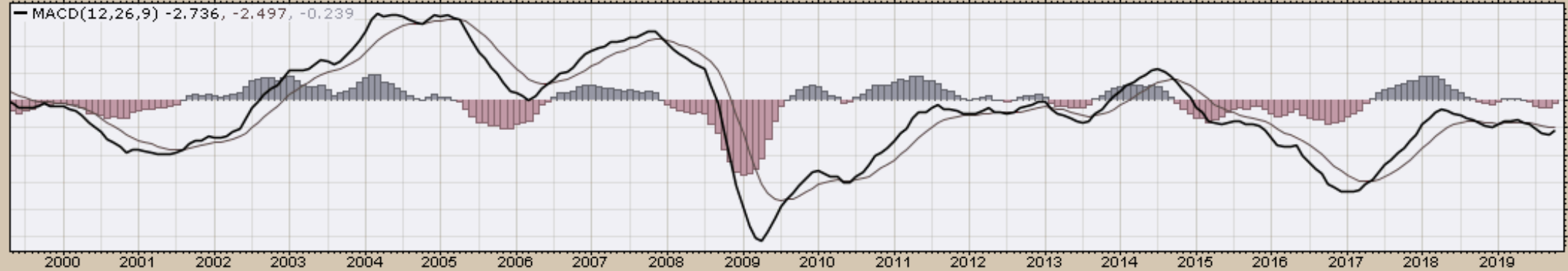


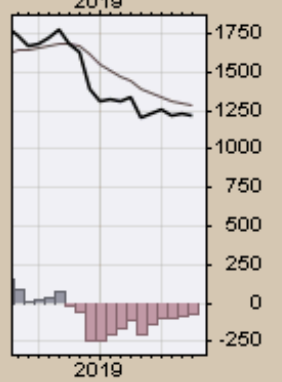
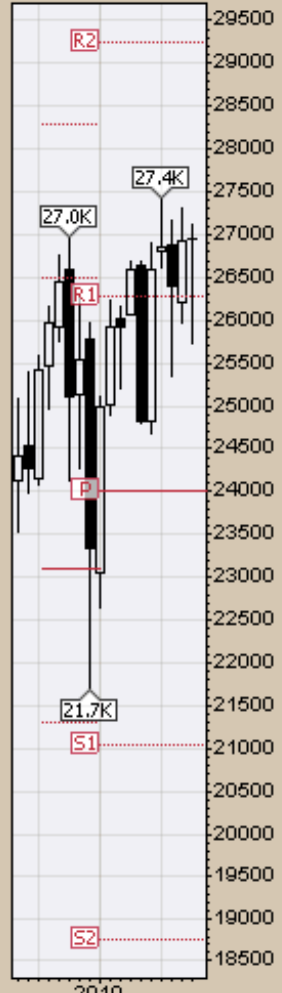
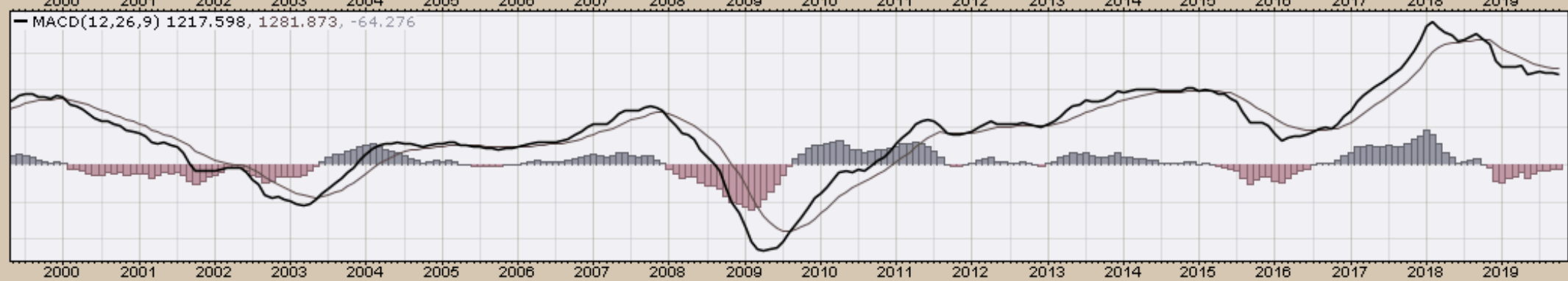
CHART A13. BRITISH POUND, MONTHLY CHART



Select Equity and Transportation Charts
Monthly Charts

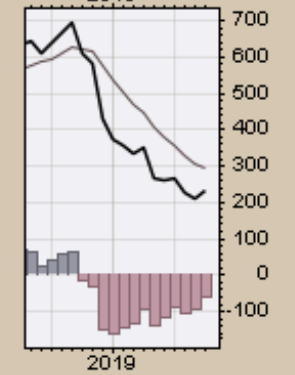
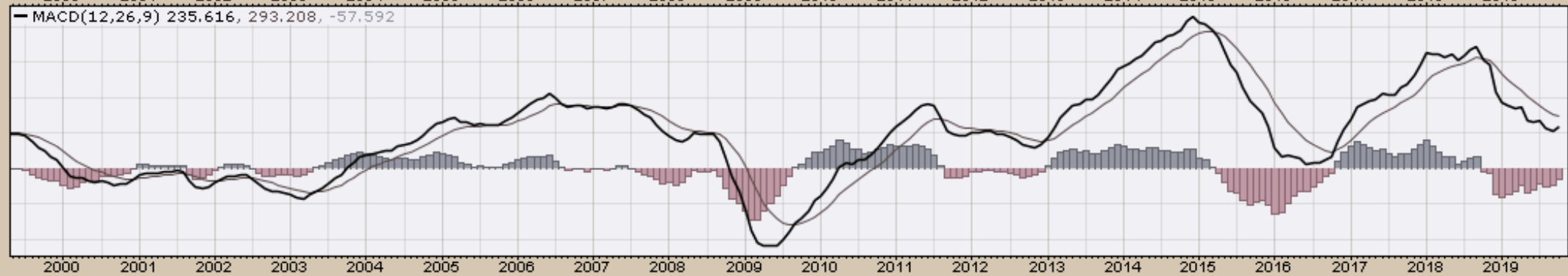
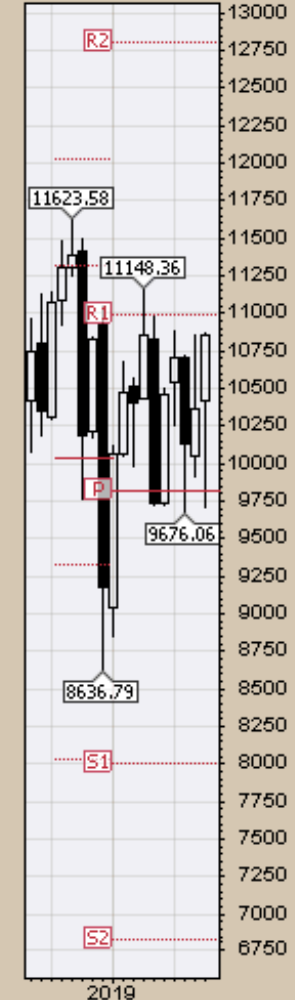
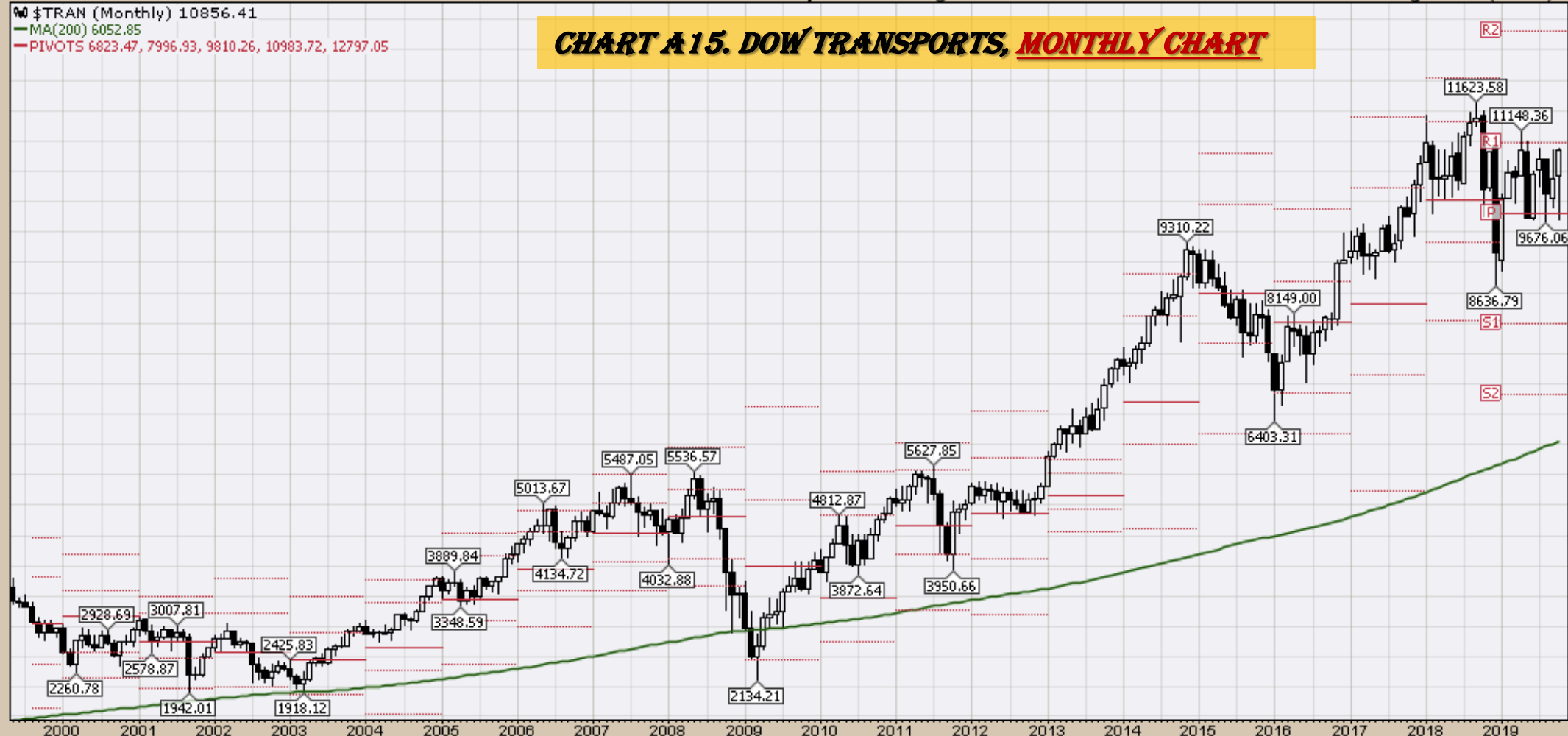
\$INDU (Monthly) 26958.06
MA(200) 14714.81
PIVOTS 18757.99, 21042.72, 23997.27, 26282.01, 29236.55

CHART A14. DOW JONES, MONTHLY CHART



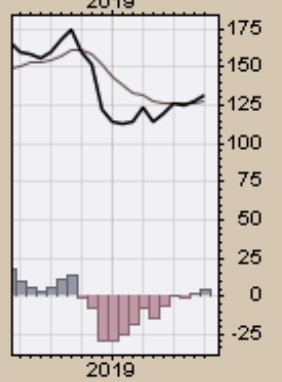
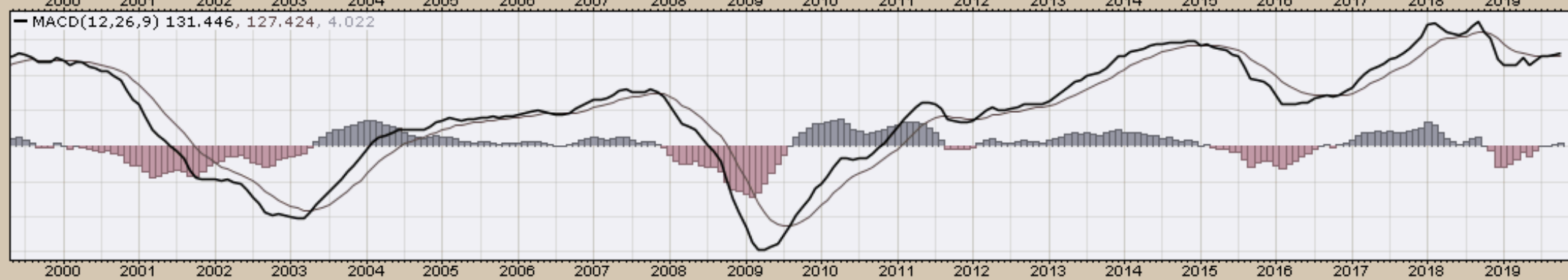
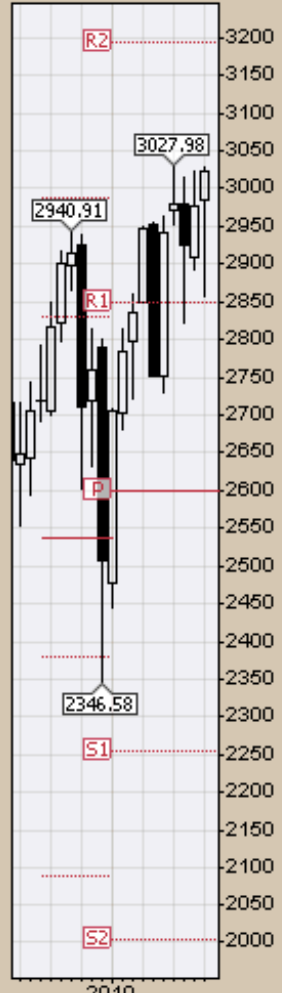
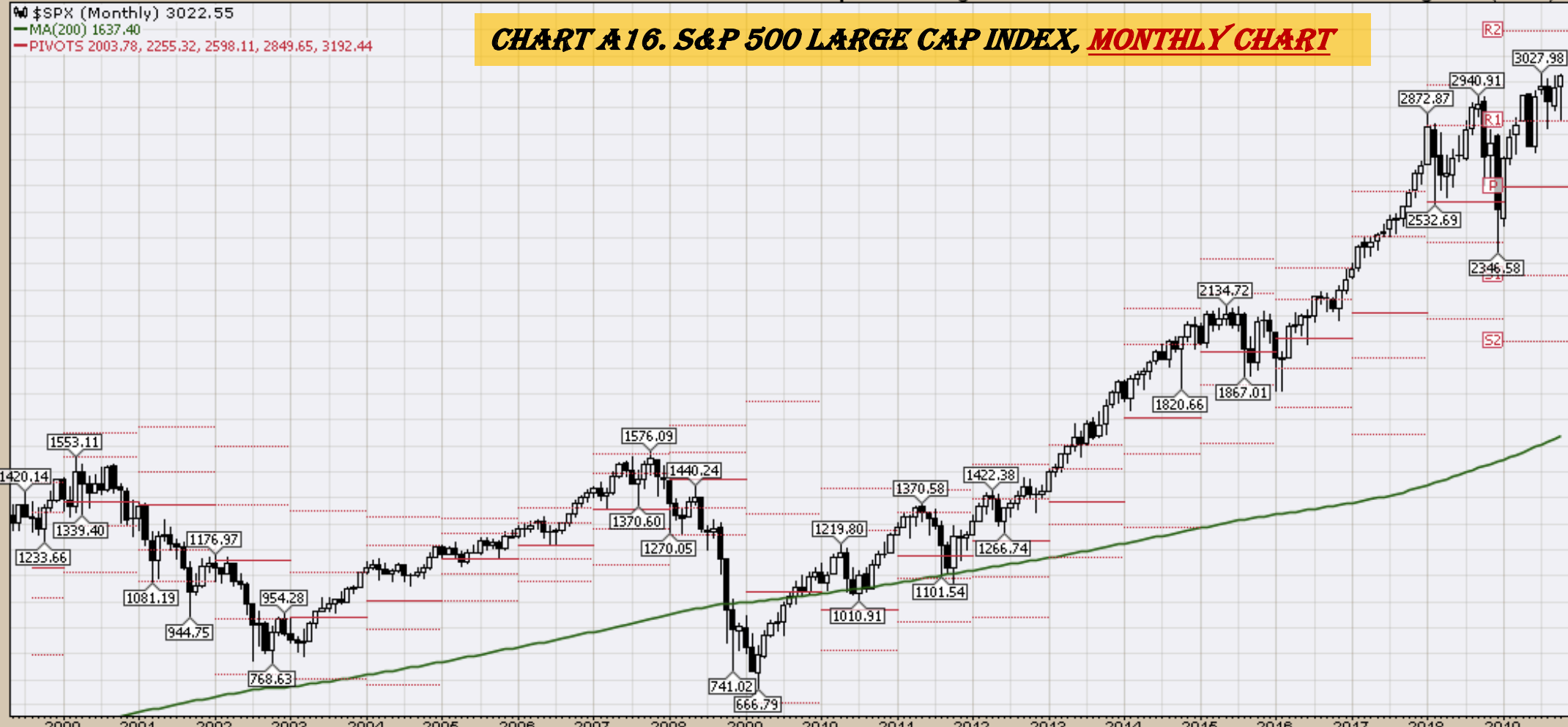
\$TRAN (Monthly) 10856.41
MA(200) 6052.85
PIVOTS 6823.47, 7996.93, 9810.26, 10983.72, 12797.05

CHART A15. DOW TRANSPORTS, MONTHLY CHART



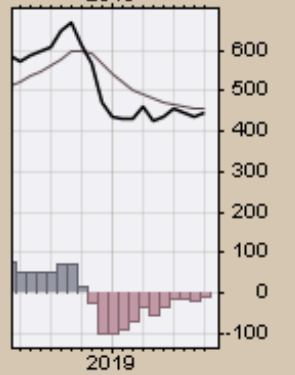
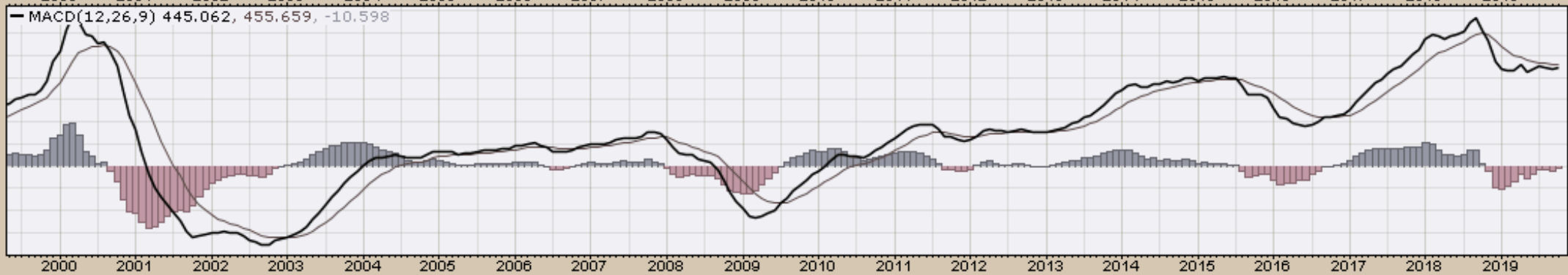
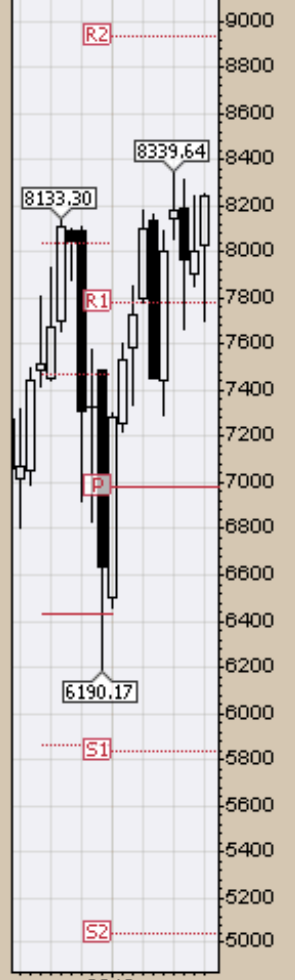
\$SPX (Monthly) 3022.55
MA(200) 1637.40
PIVOTS 2003.78, 2255.32, 2598.11, 2849.65, 3192.44

CHART A 16. S&P 500 LARGE CAP INDEX, MONTHLY CHART



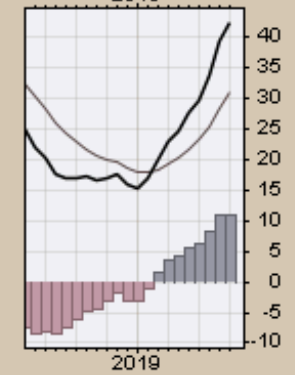
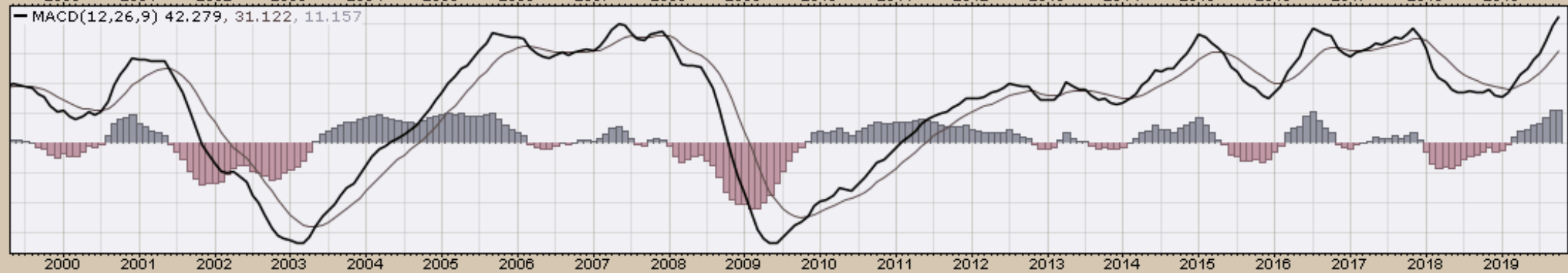
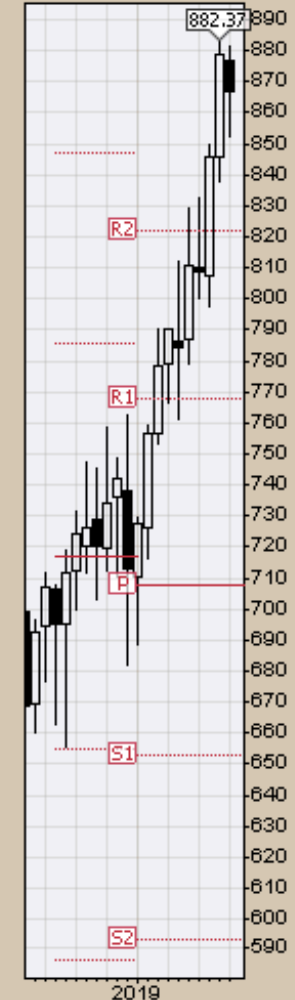
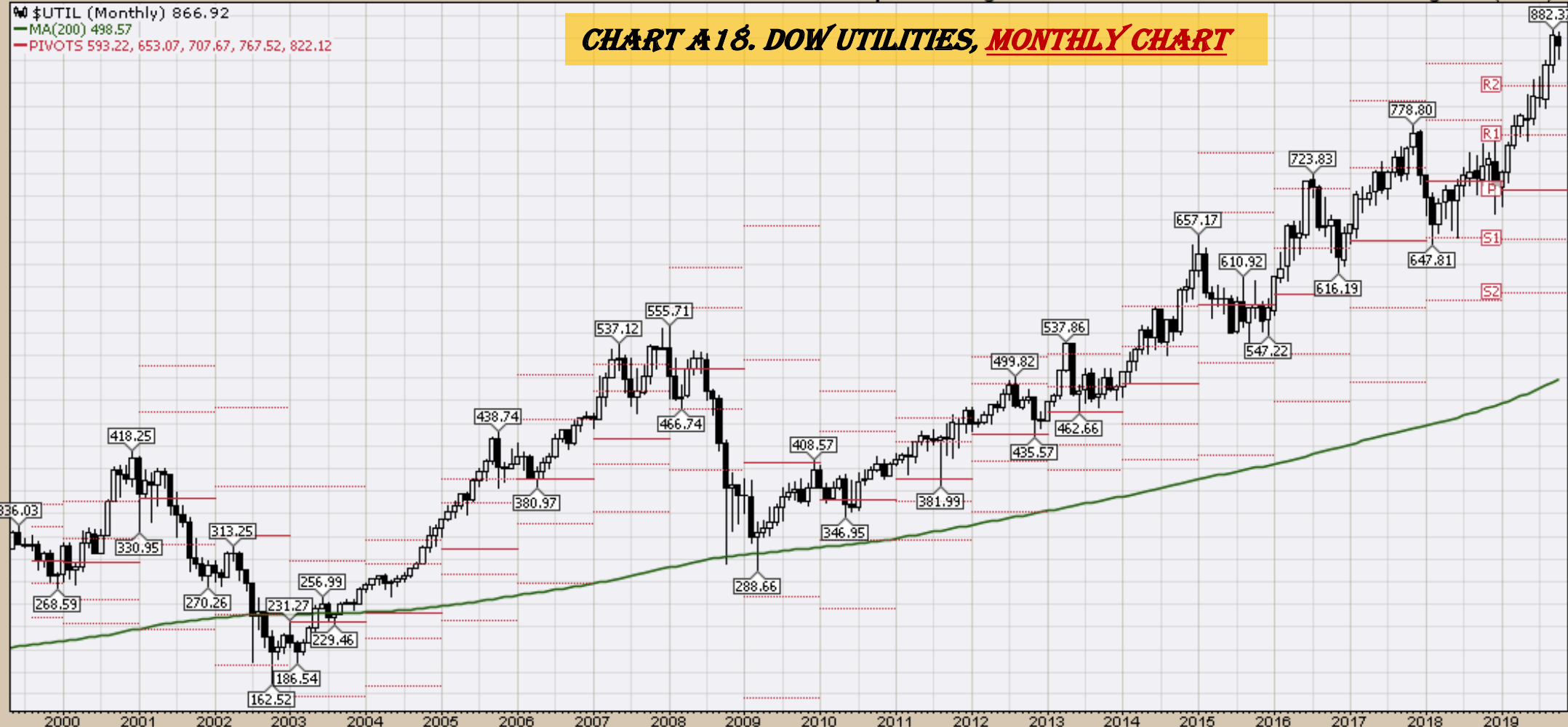
\$COMPQ (Monthly) 8243.12
MA(200) 3635.90
PIVOTS 5043.11, 5839.20, 6986.25, 7782.33, 8929.38

CHART A 17. NASDAQ COMPOSITE, MONTHLY CHART



\$UTIL (Monthly) 866.92
MA(200) 498.57
PIVOTS 593.22, 653.07, 707.67, 767.52, 822.12

CHART A18. DOW UTILITIES, MONTHLY CHART



Select Global Equity Charts

▲ EFA (Monthly) 67.02
— MA(200) 47.31
— PIVOTS 45.62, 51.58, 61.53, 67.49, 77.43

CHART A19A. WORLD LESS U.S. & CANADA, MONTHLY CHART

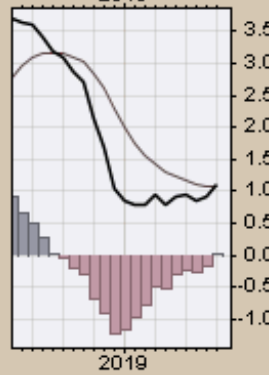
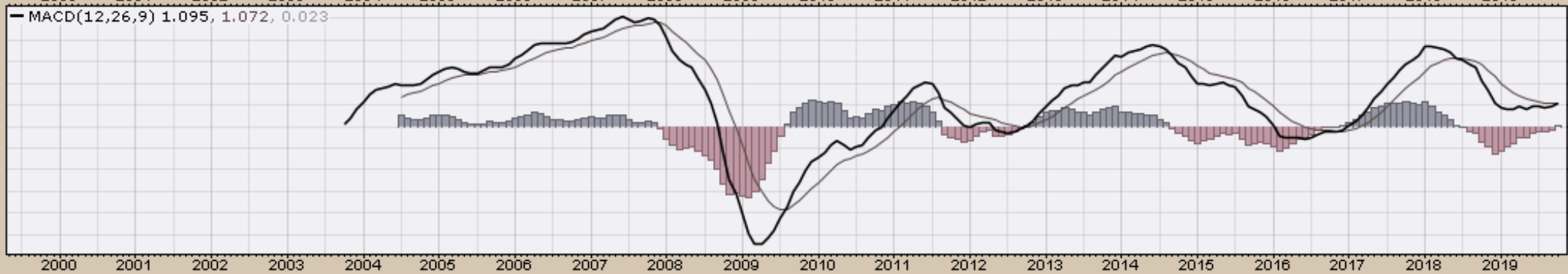
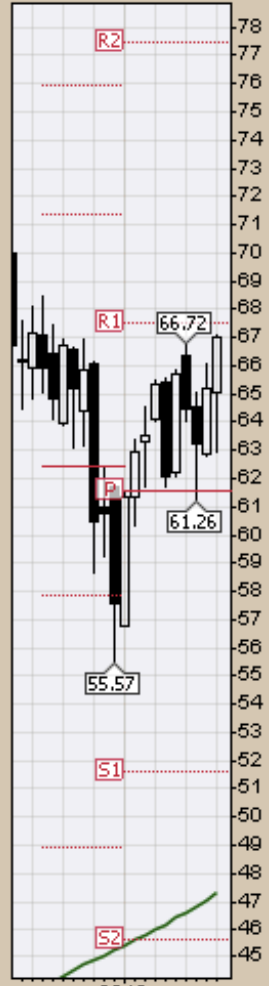
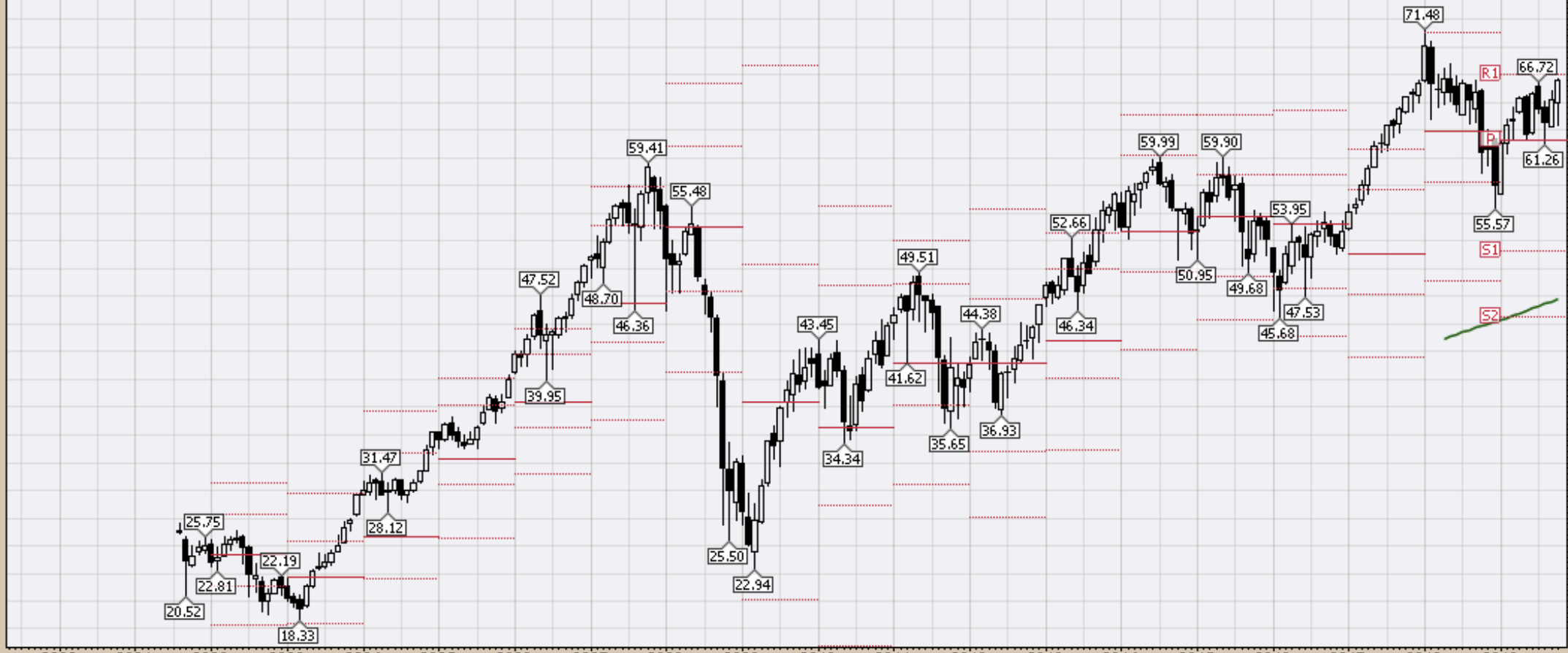
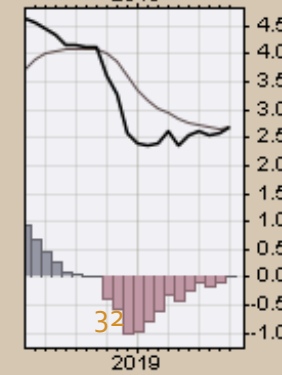
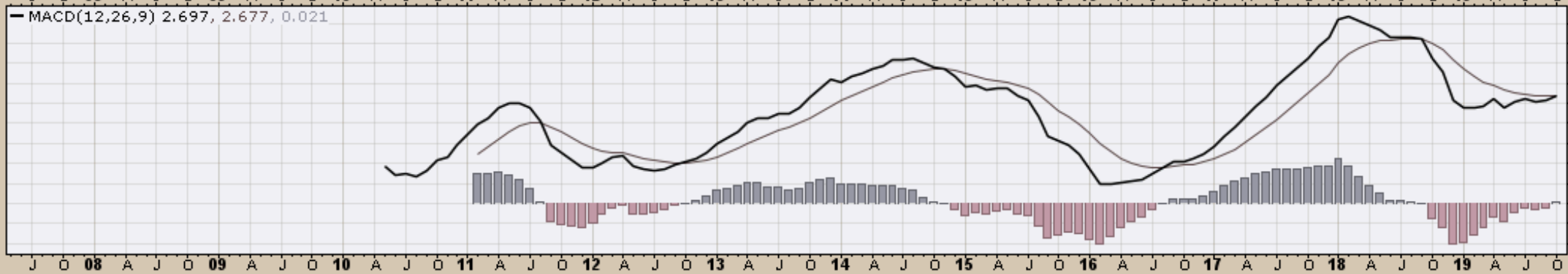
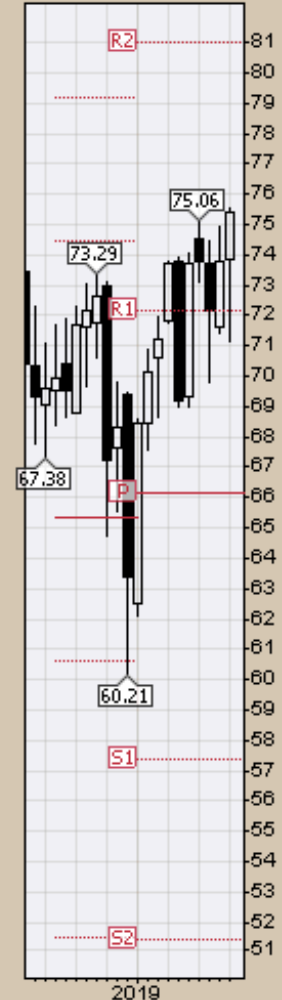


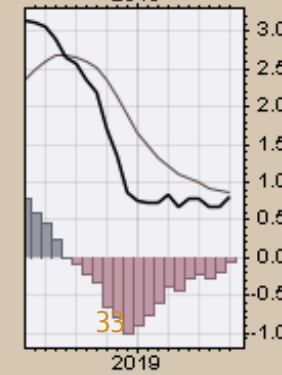
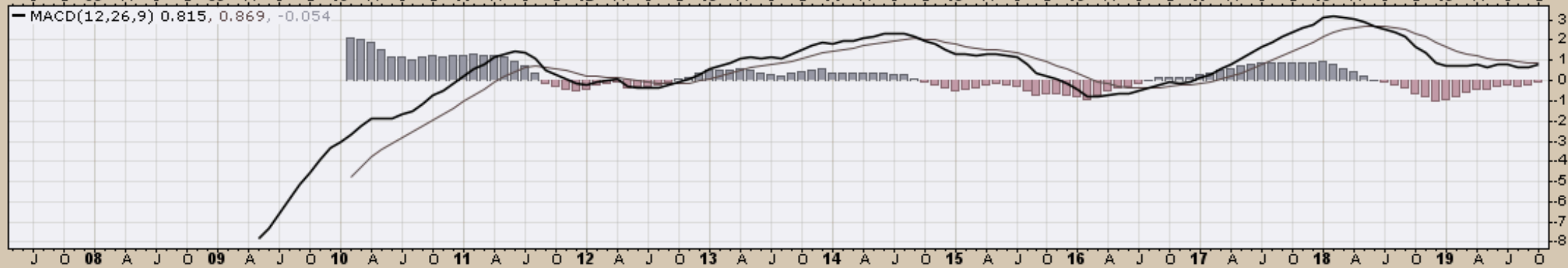
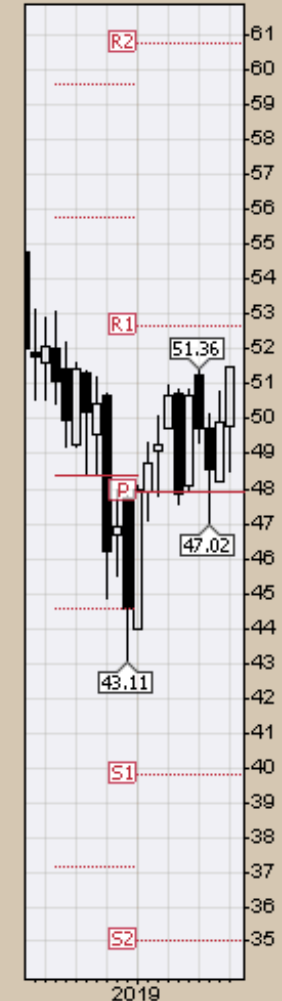
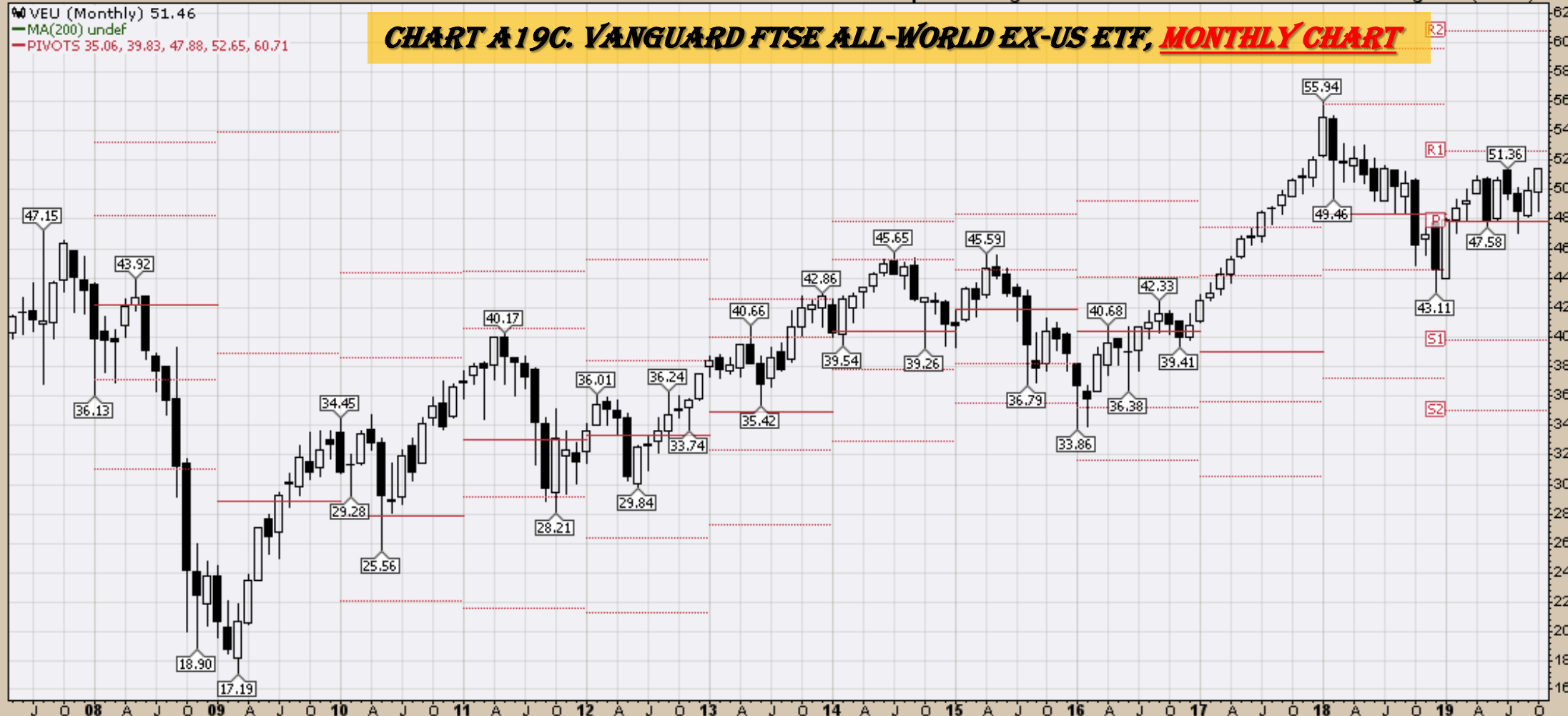
CHART A19B. BROAD RANGE OF INTERNATIONAL DEVELOPED AND EMERGING MARKET COMPANIES, MONTHLY CHART

ACWI (Monthly) 75.41
MA(200) undef
PIVOTS 51.40, 57.38, 66.19, 72.17, 80.97



VEU (Monthly) 51.46
MA(200) undef
PIVOTS 35.06, 39.83, 47.88, 52.65, 60.71

CHART A19C. VANGUARD FTSE ALL-WORLD EX-US ETF, MONTHLY CHART

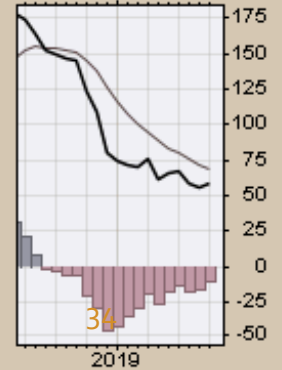
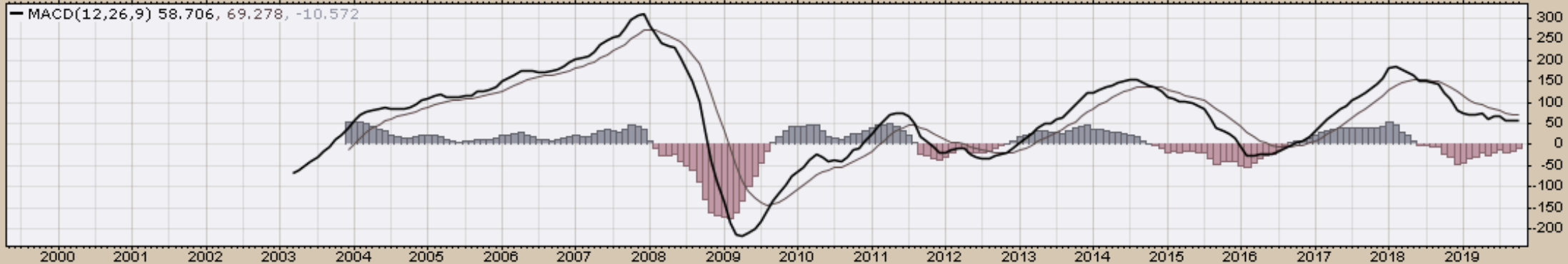
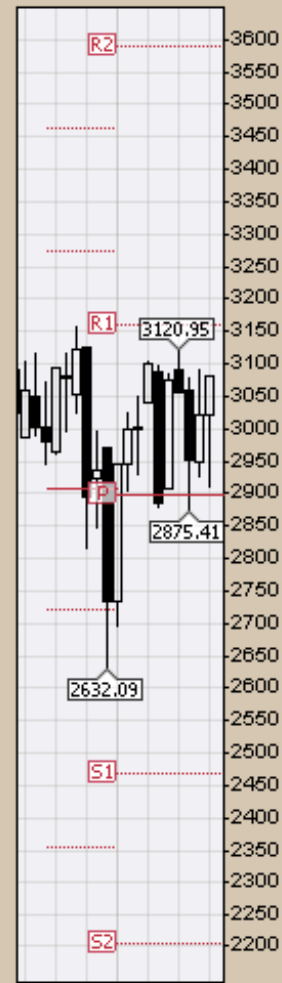


25-Oct-2019

Open 3022.92 High 3081.71 Low 2910.30 Close 3080.31 Chg +58.41 (+1.93%) ▲

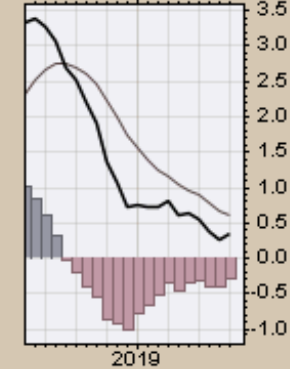
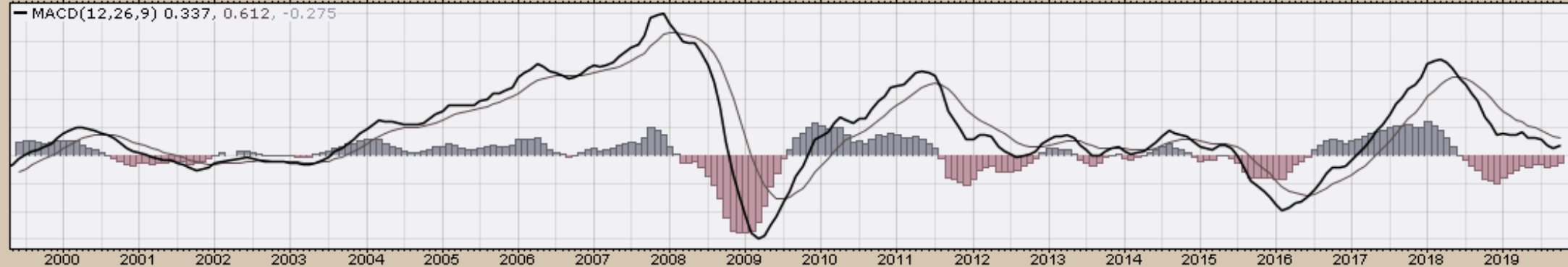
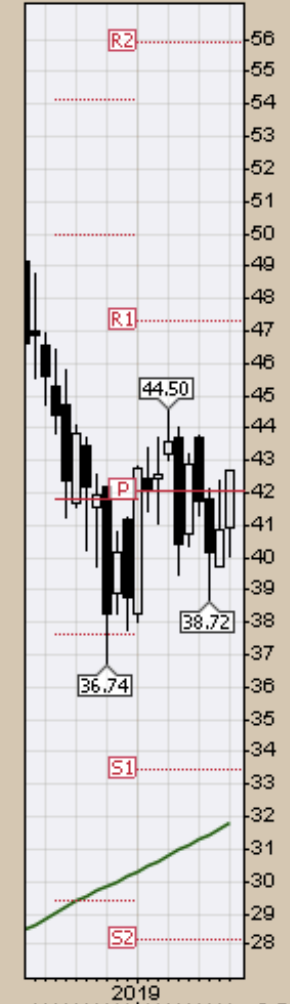
\$GDOW (Monthly) 3080.31
MA(200) 2138.52
PIVOTS 2205.09, 2469.75, 2896.74, 3161.40, 3588.39

CHART A19D. THE GLOBAL DOW (GDOW) IS A 150-STOCK INDEX OF CORPORATIONS FROM AROUND THE WORLD, CREATED BY DOW JONES & COMPANY. ONLY BLUE-CHIP STOCKS ARE INCLUDED IN THE INDEX, MONTHLY CHART



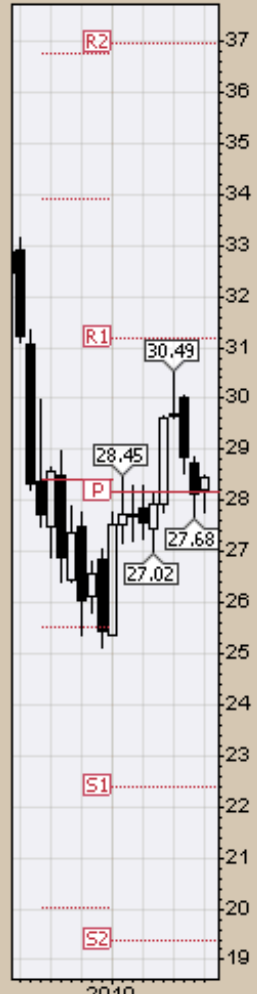
▲ EEM (Monthly) 42.70
— MA(200) 31.79
— PIVOTS 28.18, 33.47, 42.03, 47.32, 55.88

CHART A20A. EMERGING MARKETS, MONTHLY CHART

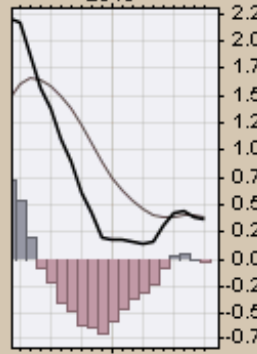
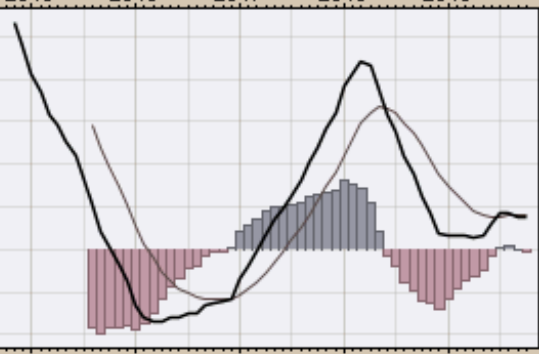


FM (Monthly) 28.44
MA(200) undef
PIVOTS 19.37, 22.41, 28.15, 31.20, 36.94

CHART A20B. FRONTIER, MONTHLY CHART



MACD(12,26,9) 0.374, 0.394, -0.020



2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

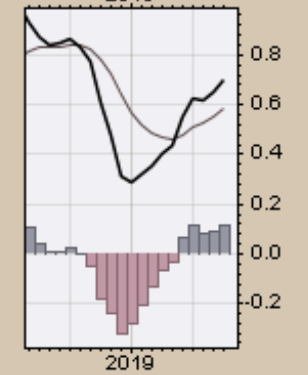
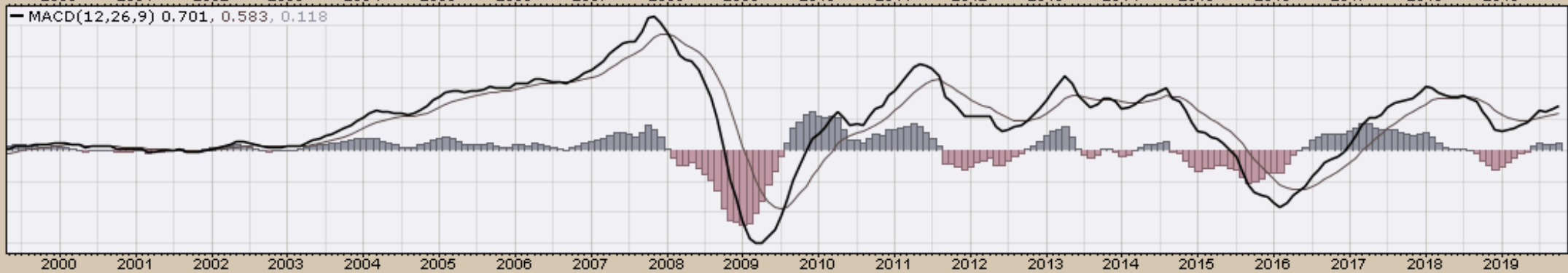
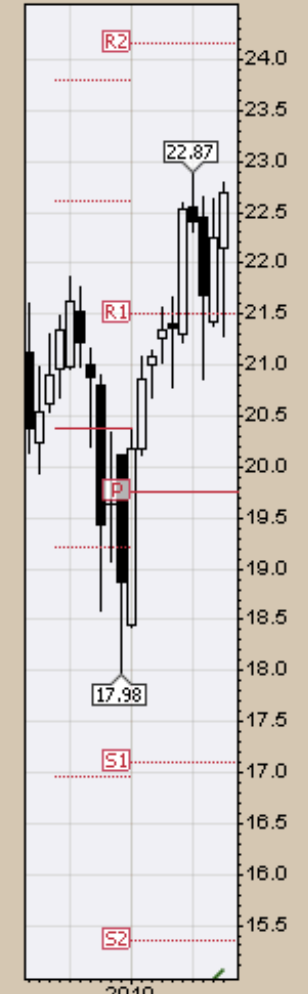
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

25-Oct-2019

Open 22.15 High 22.79 Low 21.28 Close 22.70 Volume 47.3M Chg +0.45 (+2.02%)▲

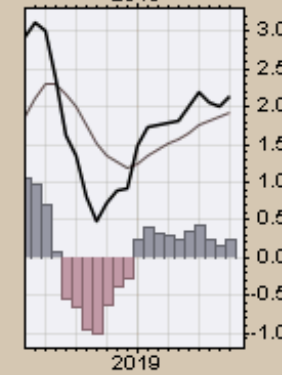
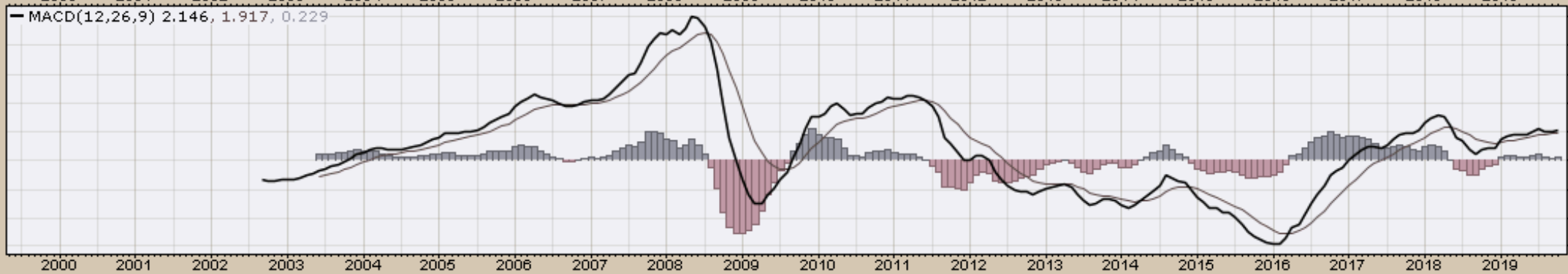
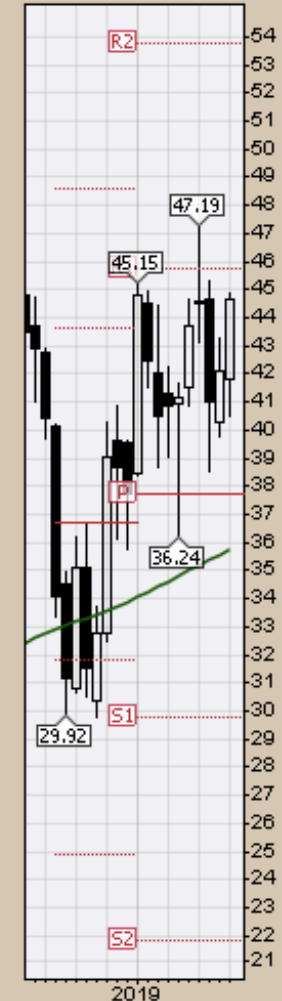
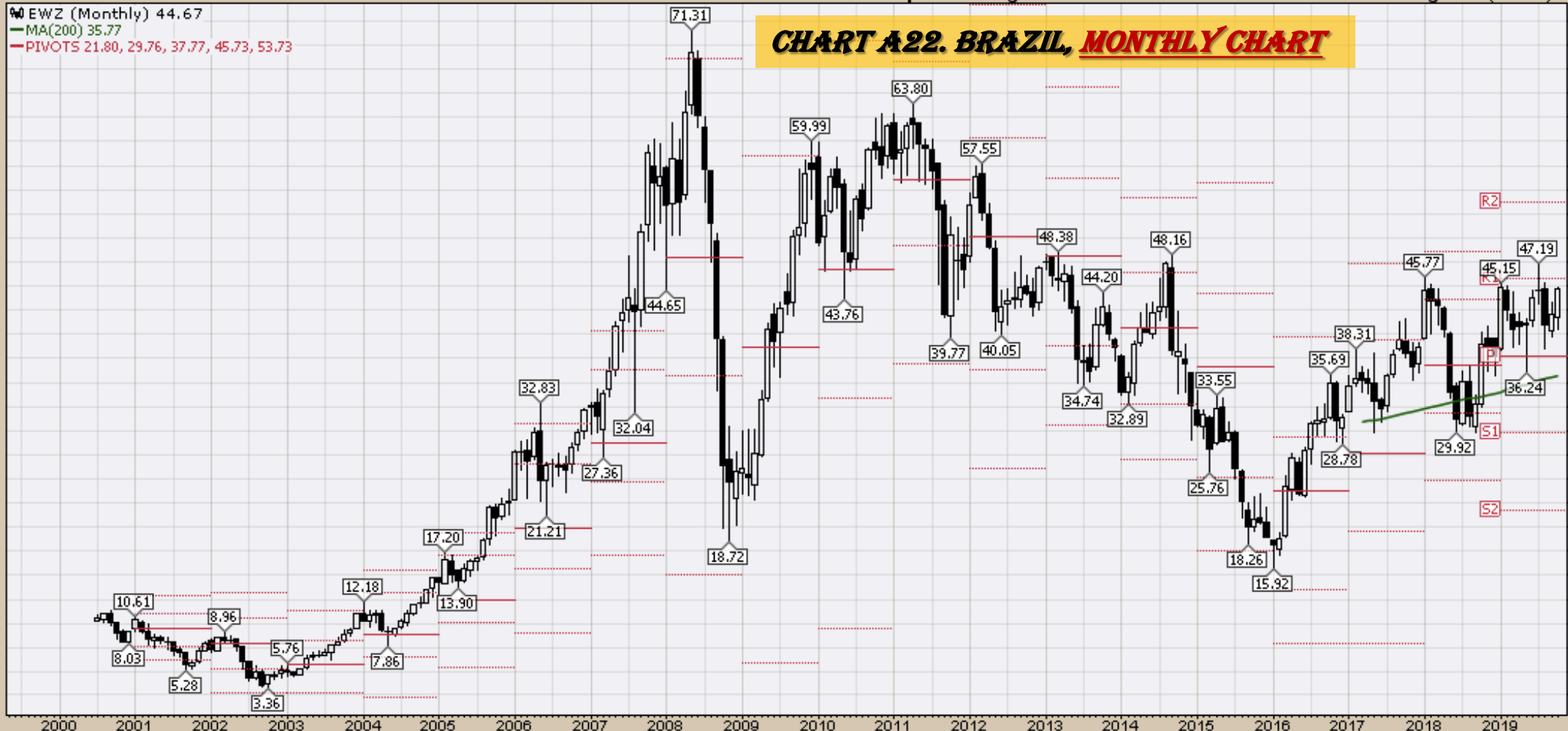
▲ EWA (Monthly) 22.70
— MA(200) 15.05
— PIVOTS 15.34, 17.10, 19.75, 21.51, 24.15

CHART A21. AUSTRALIA, MONTHLY CHART



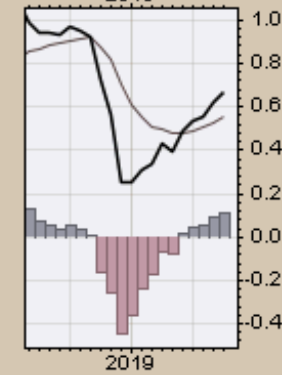
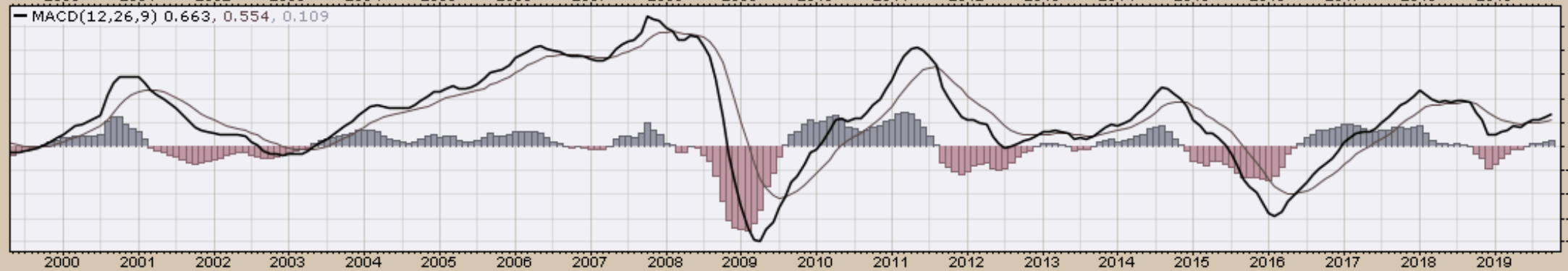
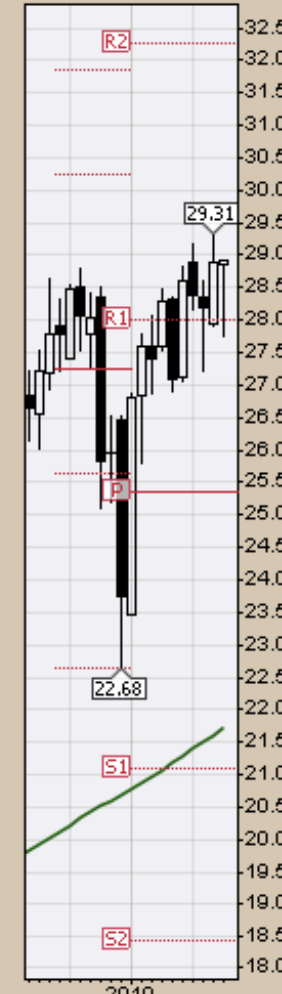
EWZ (Monthly) 44.67
MA(200) 35.77
PIVOTS 21.80, 29.76, 37.77, 45.73, 53.73

CHART A22. BRAZIL, MONTHLY CHART



▲ EWC (Monthly) 28.91
— MA(200) 21.72
— PIVOTS 18.43, 21.09, 25.34, 28.00, 32.25

CHART A23. CANADA, MONTHLY CHART

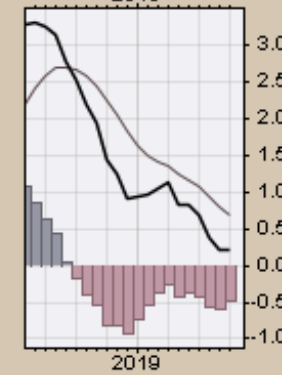
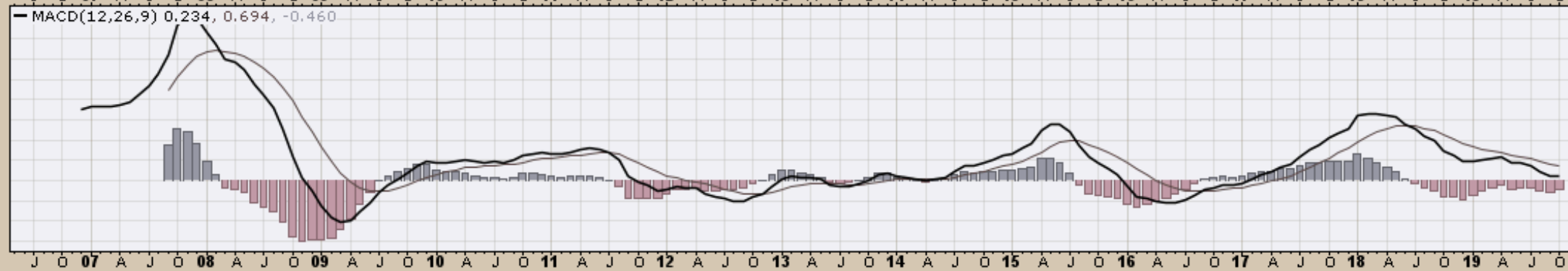
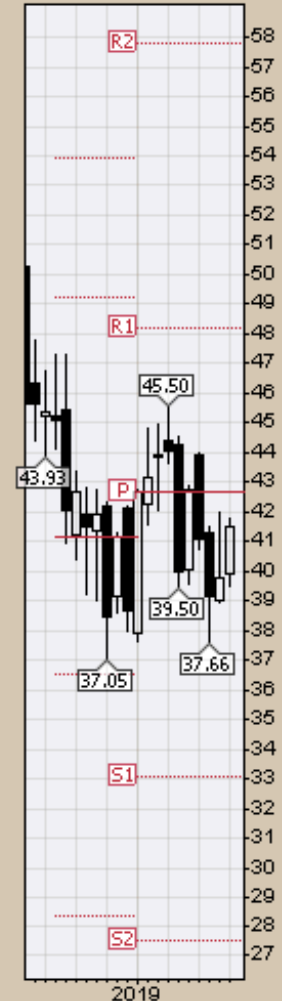
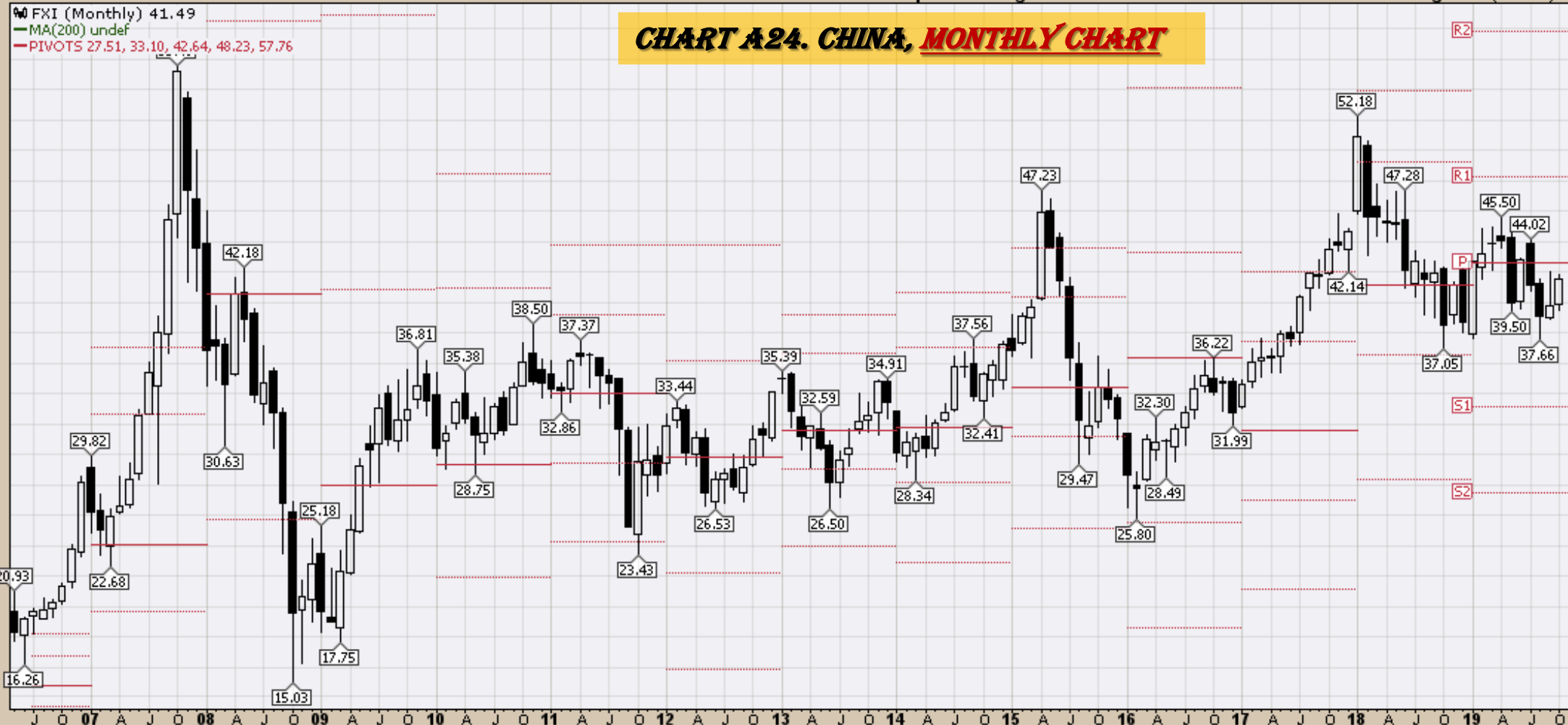


25-Oct-2019

Open 39.90 High 41.80 Low 39.50 Close 41.49 Volume 434.8M Chg +1.69 (+4.25%) ▲

CHART A24. CHINA, MONTHLY CHART

FXI (Monthly) 41.49
MA(200) undef
PIVOTS 27.51, 33.10, 42.64, 48.23, 57.76

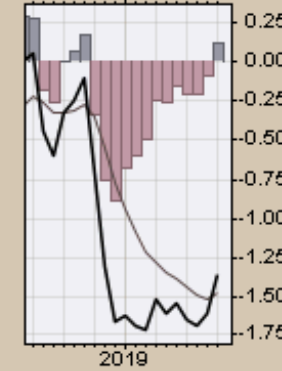
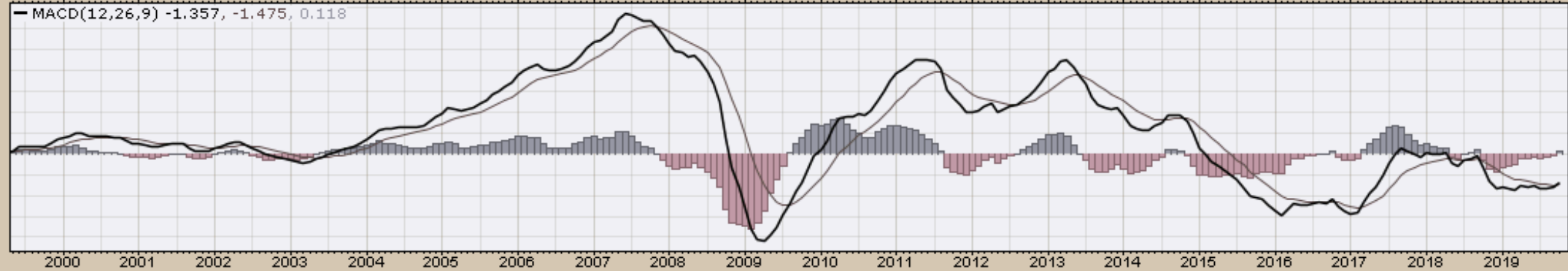
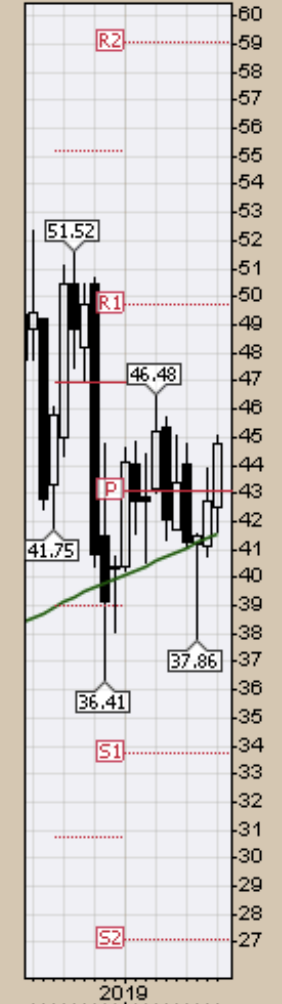


25-Oct-2019

Open 42.52 High 46.05 Low 41.61 Close 44.76 Volume 49.8M Chg +2.04 (+4.78%) ▲

CHART A25. MEXICO, MONTHLY CHART

EW (Monthly) 44.76
MA(200) 41.59
PIVOTS 27.08, 33.72, 43.05, 49.70, 59.03



EWJ (Monthly) 58.09
MA(200) 41.41
PIVOTS 39.38, 44.80, 53.98, 59.40, 68.57

CHART A26. JAPAN, MONTHLY CHART

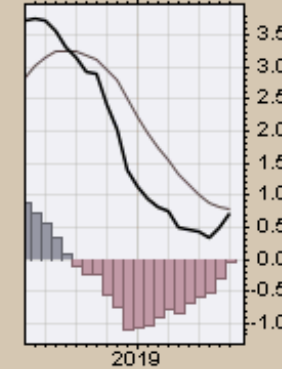
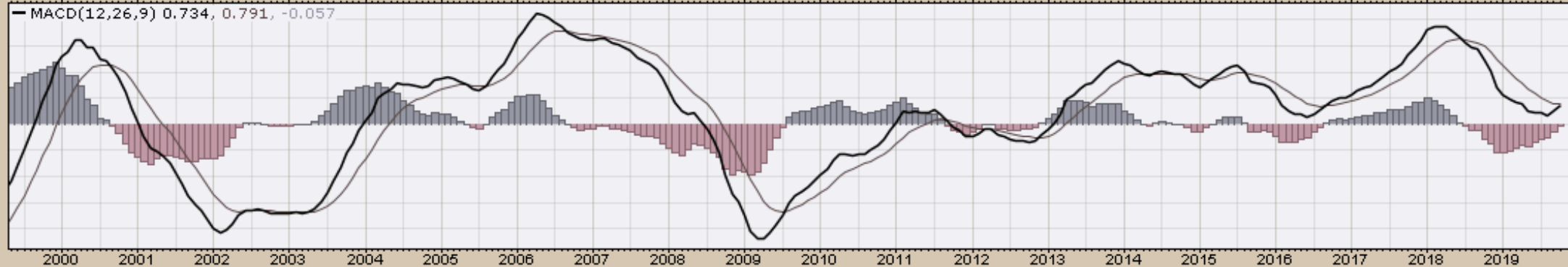
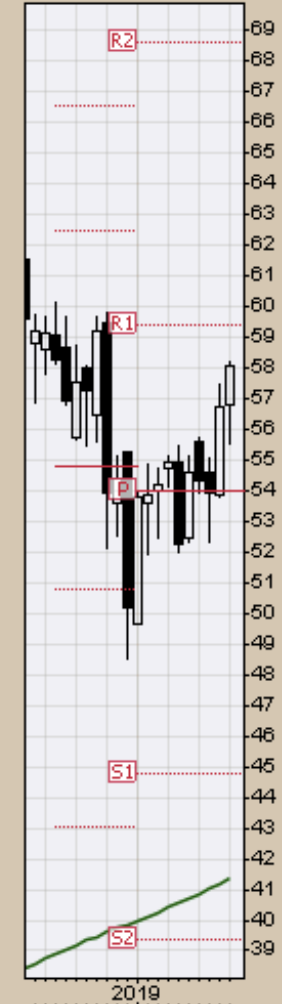
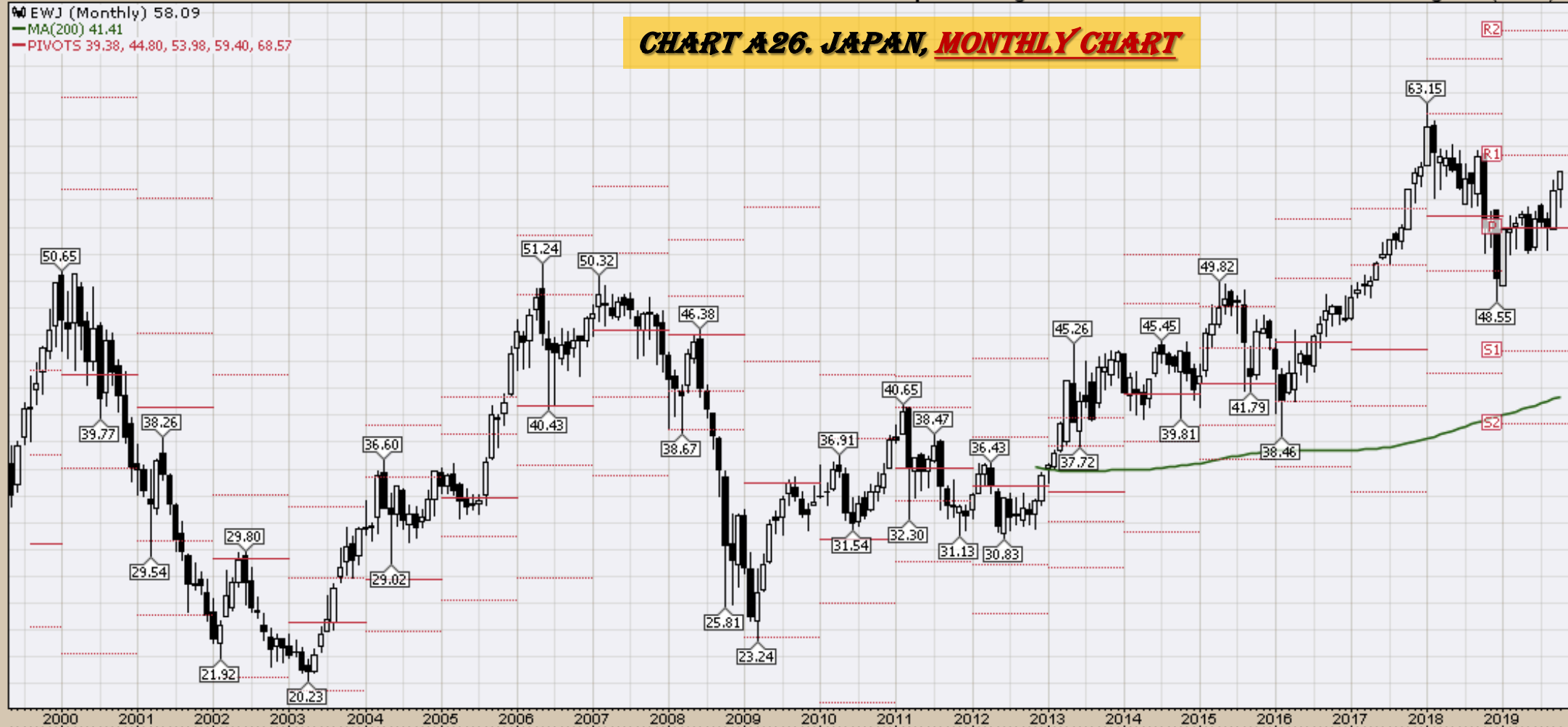
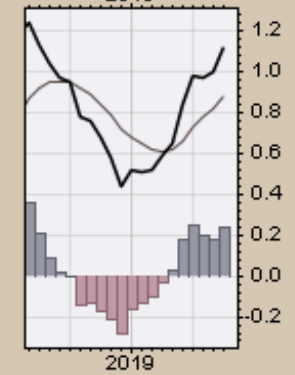
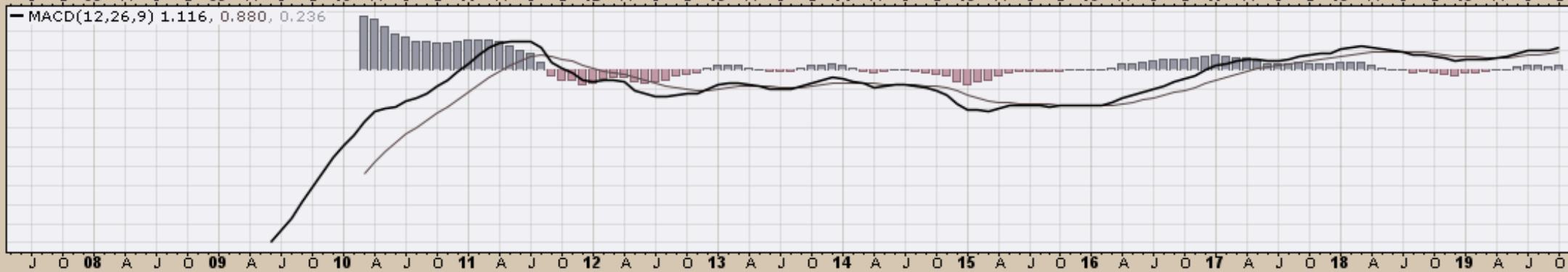
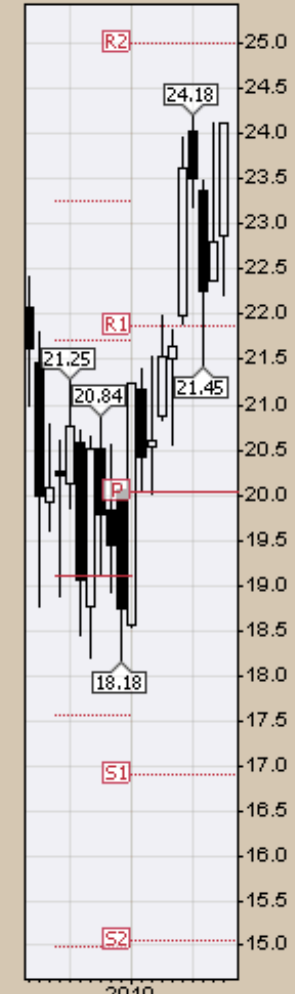
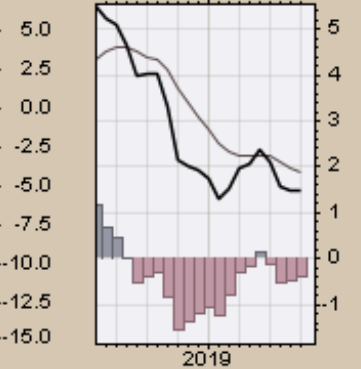
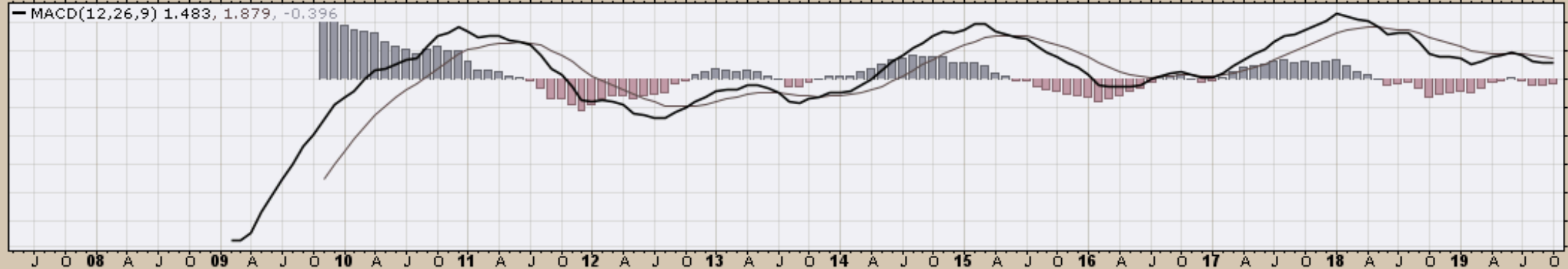
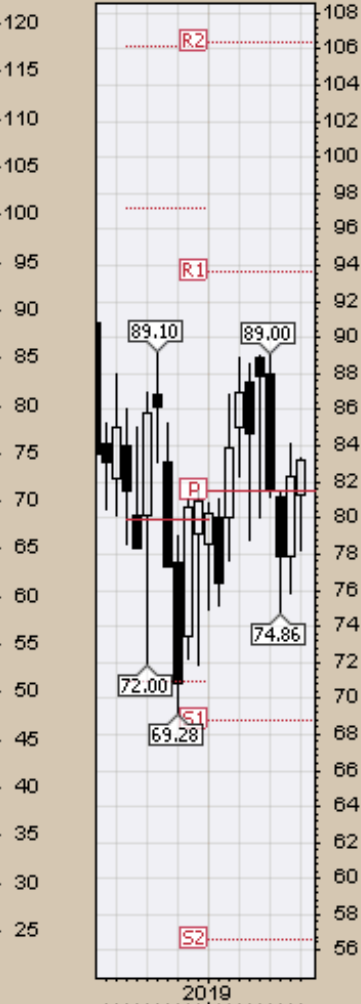
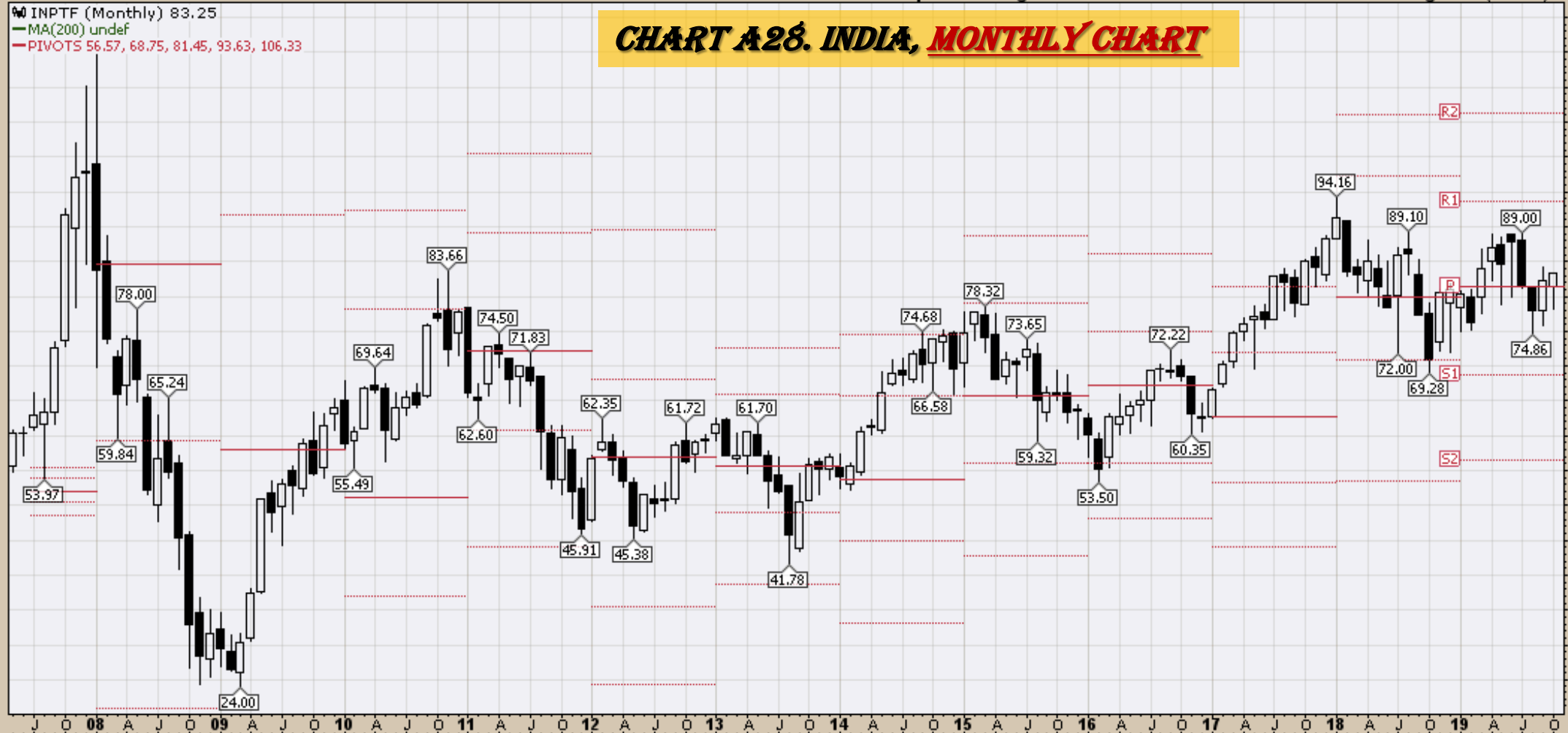


CHART A27. RUSSIA, MONTHLY CHART



INPTF (Monthly) 83.25
MA(200) undef
PIVOTS 56.57, 68.75, 81.45, 93.63, 106.33

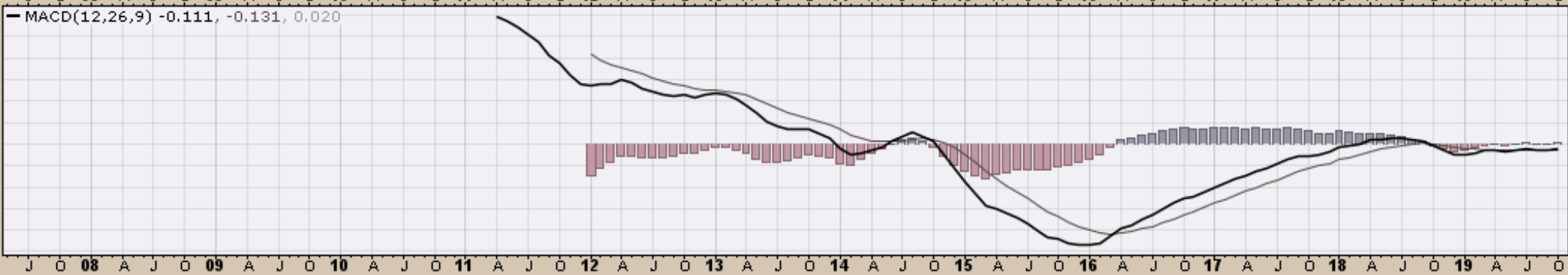
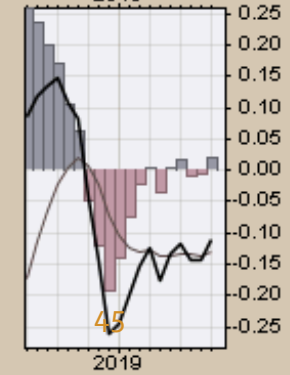
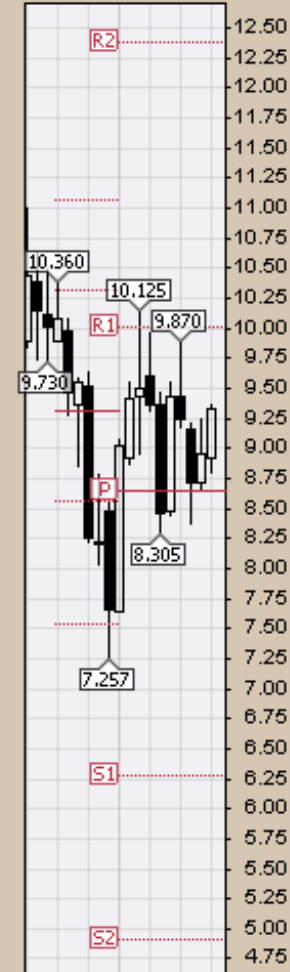
CHART A28. INDIA, MONTHLY CHART



25-Oct-2019

Open 8.92 High 9.35 Low 8.80 Close 9.32 Volume 483.1K Chg +0.37 (+4.13%) ▲

▲ GXG (Monthly) 9.32
— MA(200) undef
— PIVOTS 4.90, 6.28, 8.64, 10.02, 12.37



▲ CMF(20) 0.025 (30 Sep)

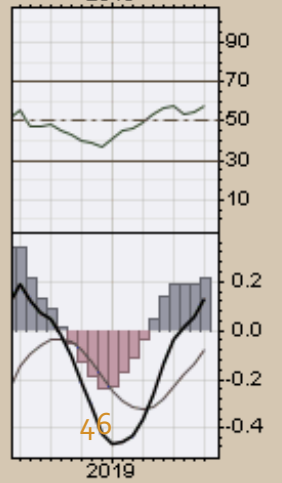
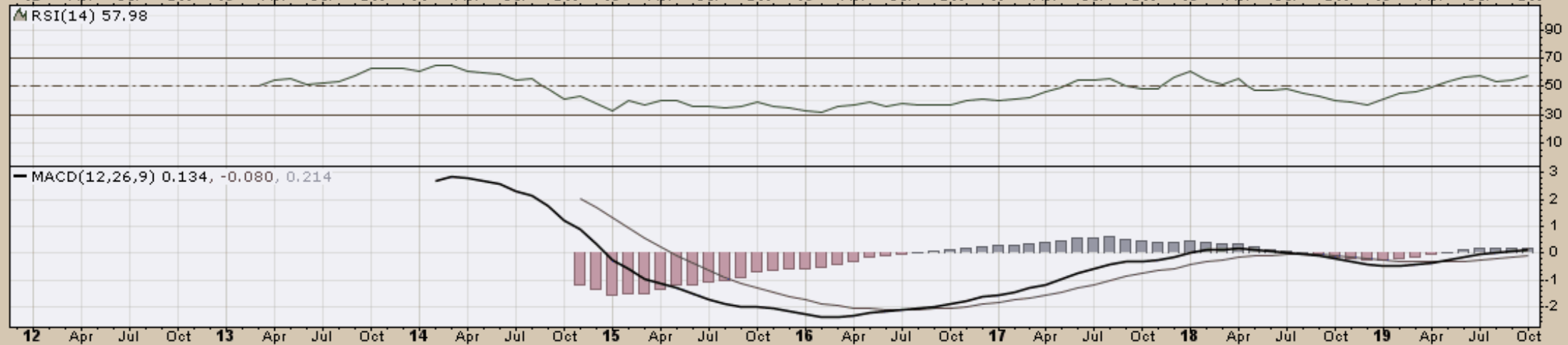
▲ GREK (Monthly) 9.84
— BB(20,2,0) 6.77 - 8.65 - 10.53
— PIVOTS 3.68, 5.27, 8.25, 9.85, 12.83

CHART A30. GREECE MONTHLY CHART



▲ RSI(14) 57.98

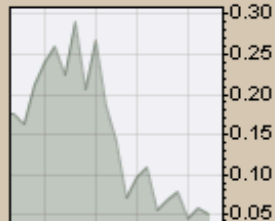
— MACD(12,26,9) 0.134, -0.080, 0.214



▲ CMF(20) 0.049

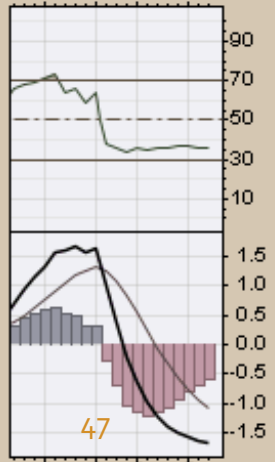
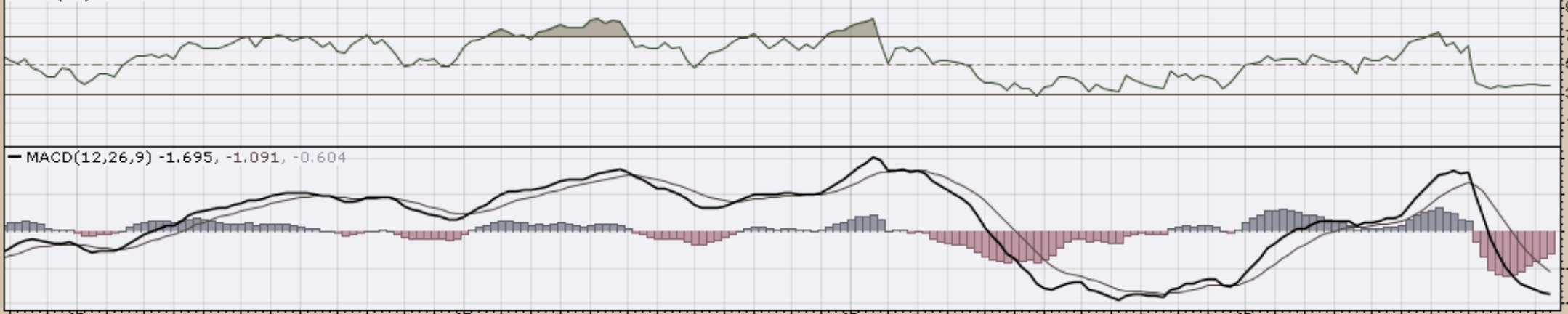
▲ ARGT (Weekly) 22.50
— BB(20,2,0) 17.82 - 27.33 - 36.84
— PIVOTS 11.42, 17.91, 27.78, 34.27, 44.14

CHART A30. ARGENTINA, MONTHLY CHART



▲ RSI(14) 35.62

— MACD(12,26,9) -1.695, -1.091, -0.604

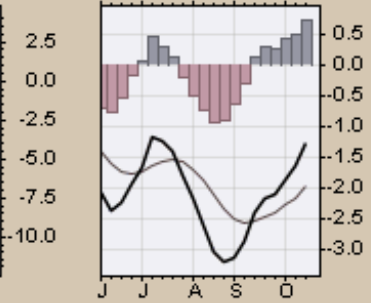
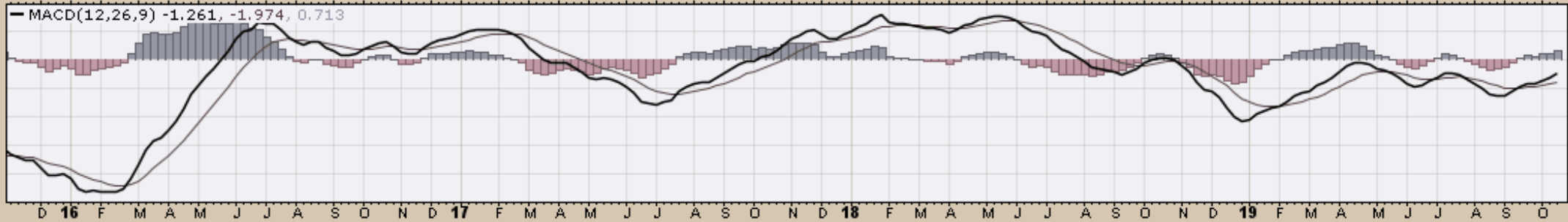
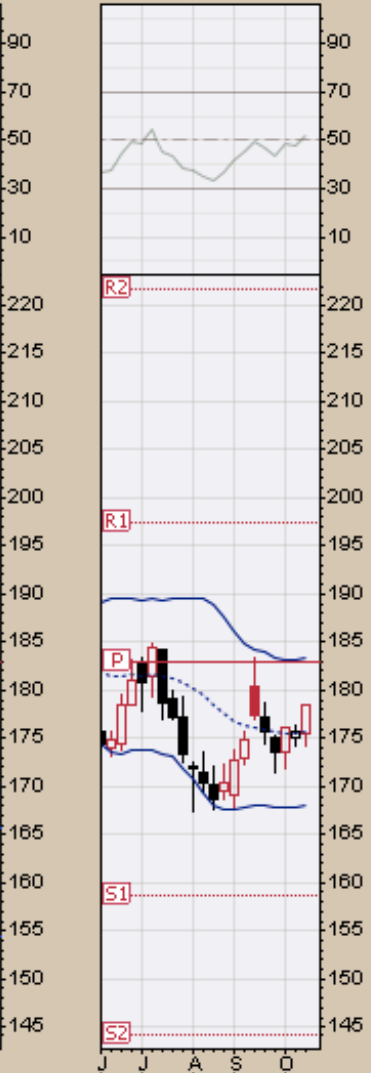


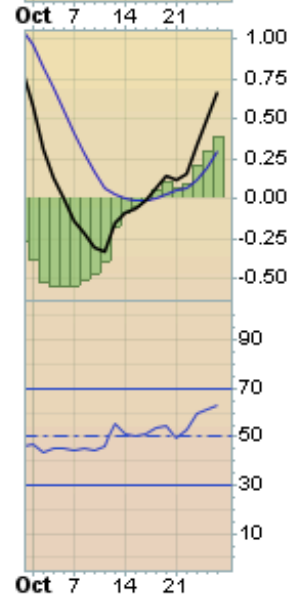
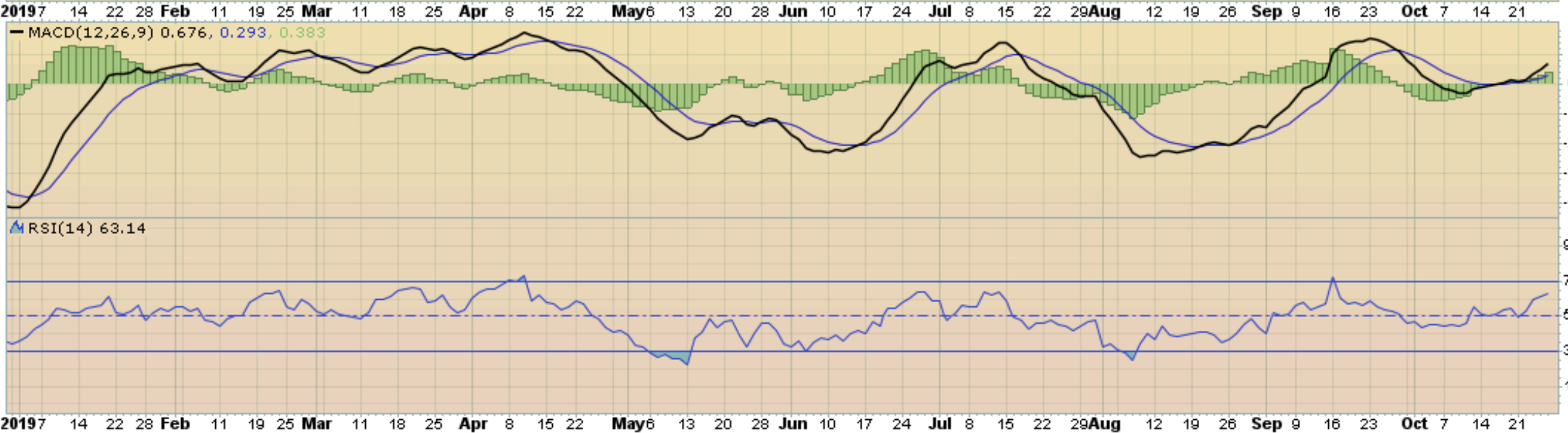
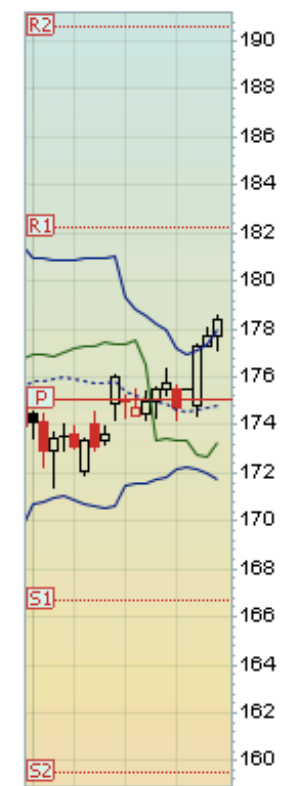
CRB Commodity Index
Weekly, Daily, Monthly and Quarterly Charts

▲ RSI(14) 52.53

▲ \$CRB (Weekly) 178.37
— BB(20,2,0) 167.98 - 175.71 - 183.44
— PIVOTS 144.10, 158.73, 182.84, 197.47, 221.58
■ Volume undef

CHART B1. \$CRB REUTERS/JEFFERIES CRB INDEX WEEKLY CHART

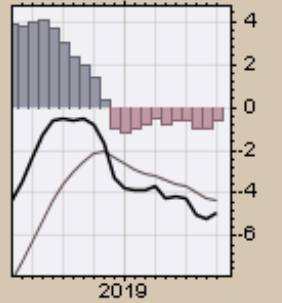
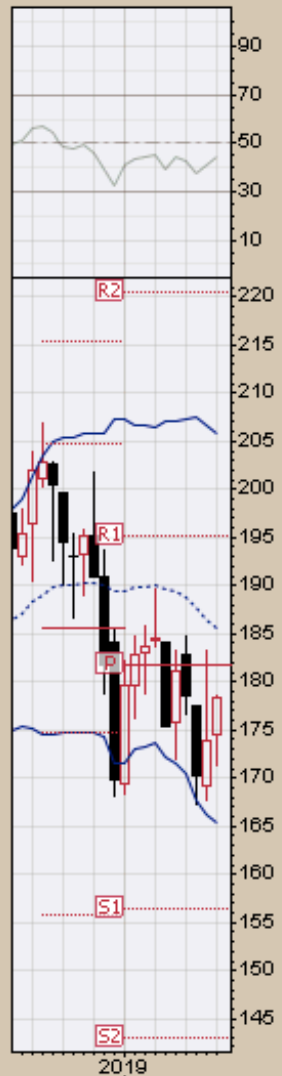
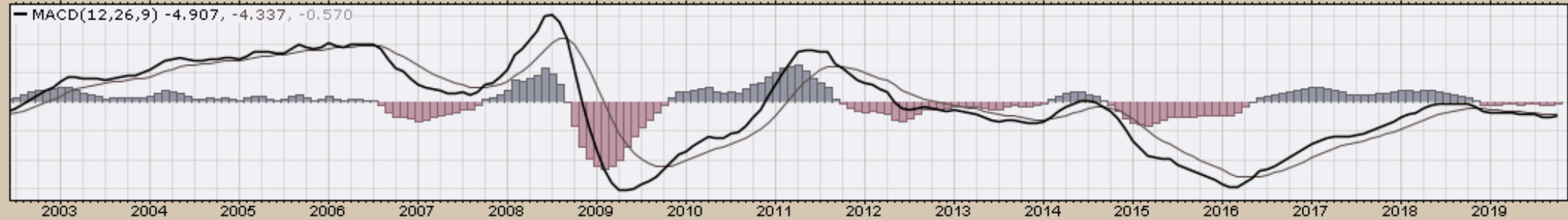




▲ RSI(14) 44.75

▲ \$CRB (Monthly) 178.37
— BB(20,2,0) 165.47 - 185.69 - 205.90
— PIVOTS 142.91, 156.36, 181.65, 195.10, 220.39
■ Volume undef

CHART B3. \$CRB REUTERS/JEFFERIES CRB INDEX
MONTHLY CHART



MACD(12,26,9) -21.384, -23.576, 2.192

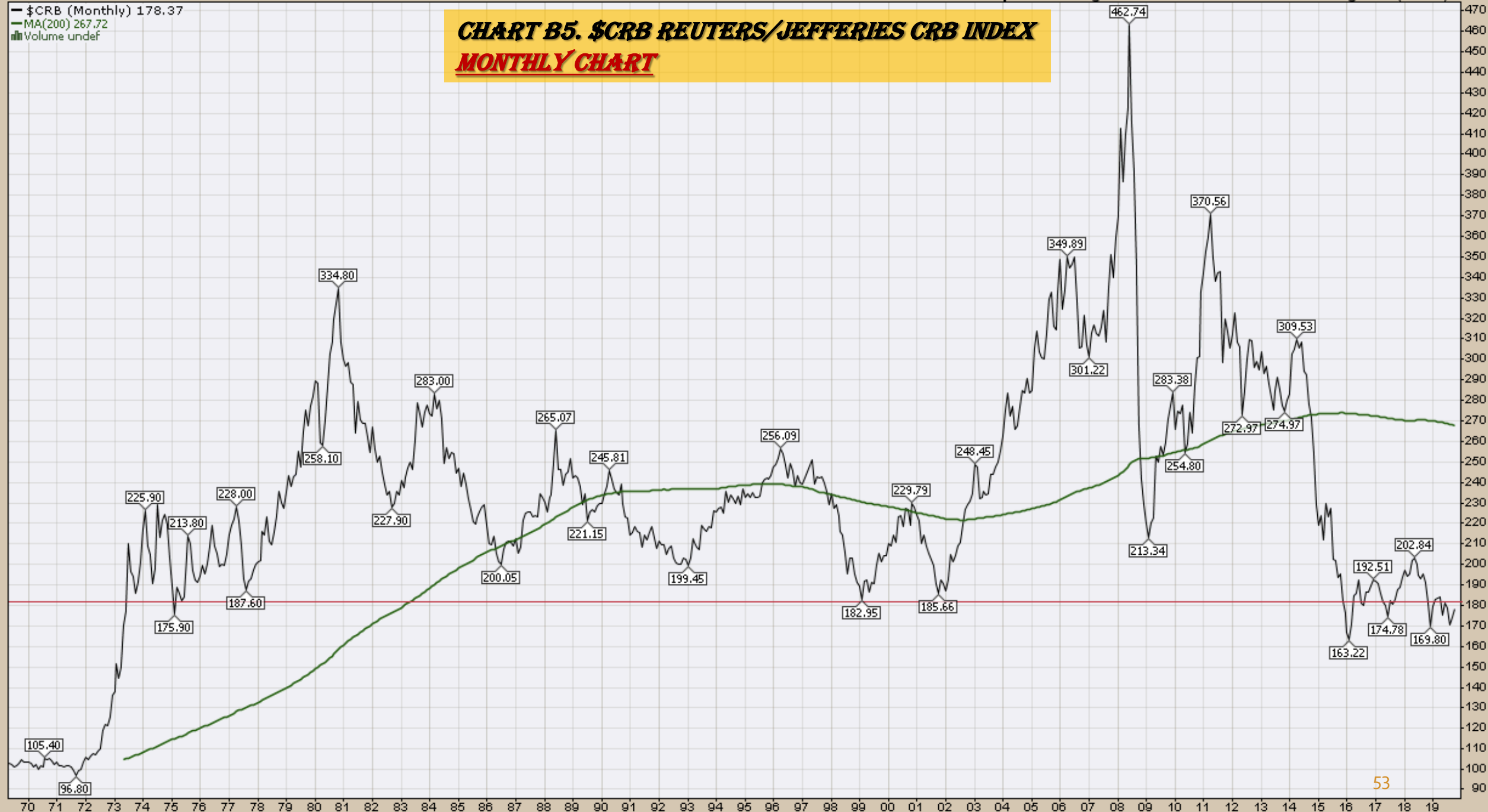
% \$CRB (Quarterly) 178.37
MA(50) 256.10
MA(200) 233.13
EMA(20) 199.23

CHART B4. \$CRB REUTERS/JEFFERIES CRB INDEX
QUARTERLY CHART



— \$CRB (Monthly) 178.37
— MA(200) 267.72
■ Volume undef

CHART B5. \$CRB REUTERS/JEFFERIES CRB INDEX MONTHLY CHART

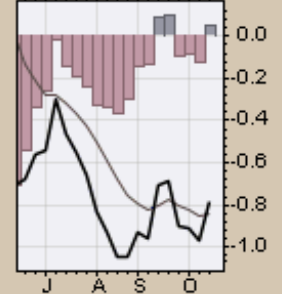
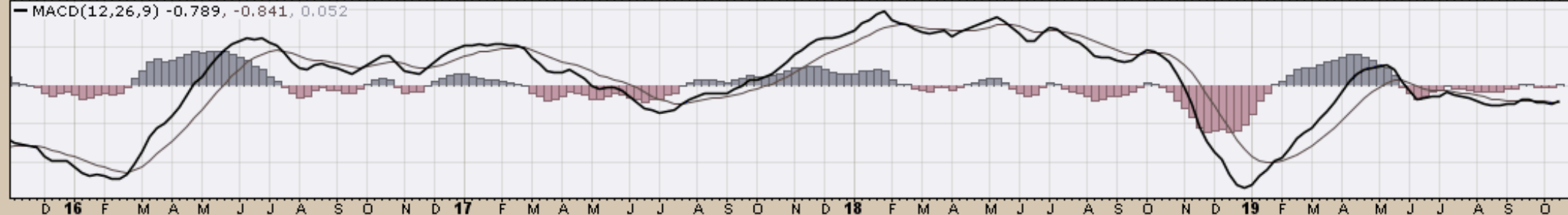
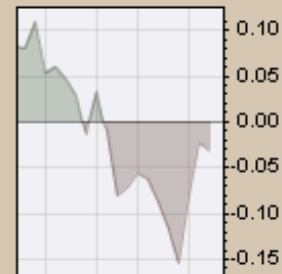
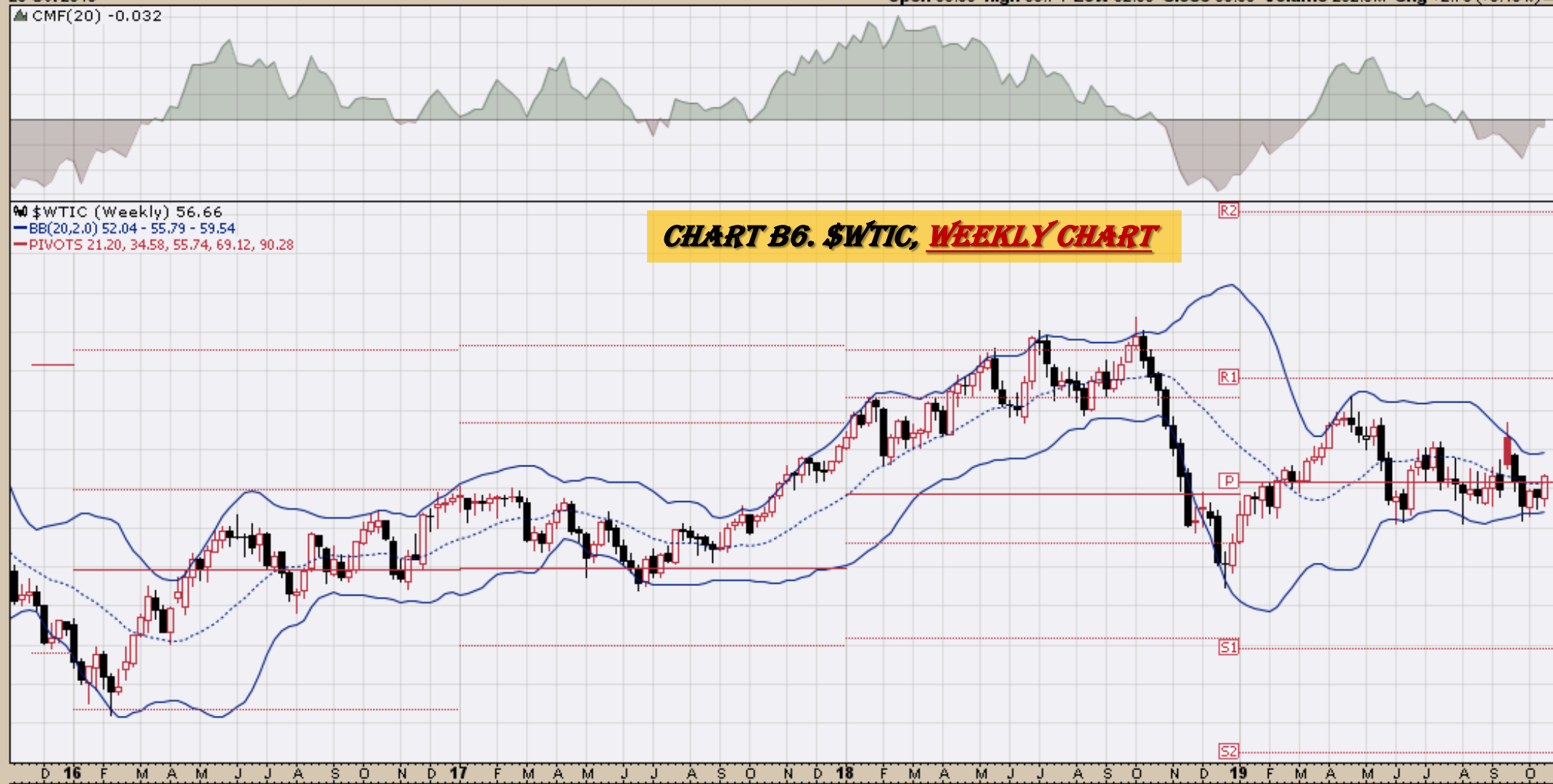


\$WTIC Light Crude Oil
Weekly, Daily, Monthly and Quarterly Charts

▲ CMF(20) -0.032

▲ \$WTIC (Weekly) 56.66
— BB(20,2,0) 52.04 - 55.79 - 59.54
— PIVOTS 21.20, 34.58, 55.74, 69.12, 90.28

CHART B6. \$WTIC, WEEKLY CHART

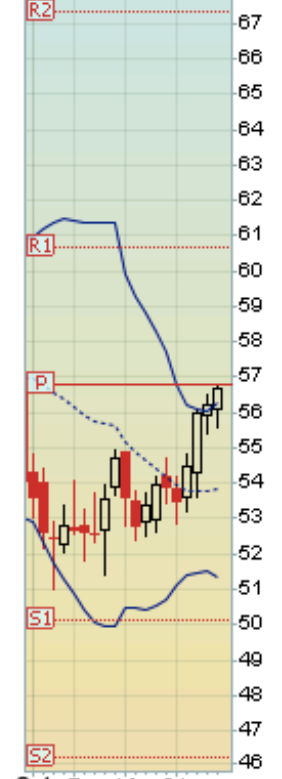


25-Oct-2019

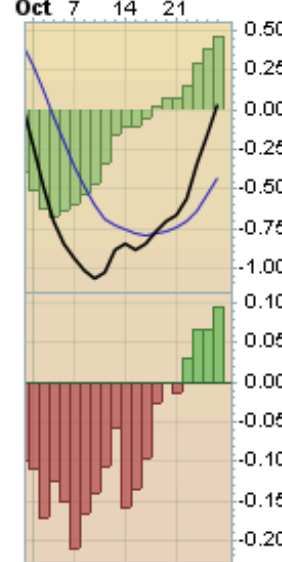
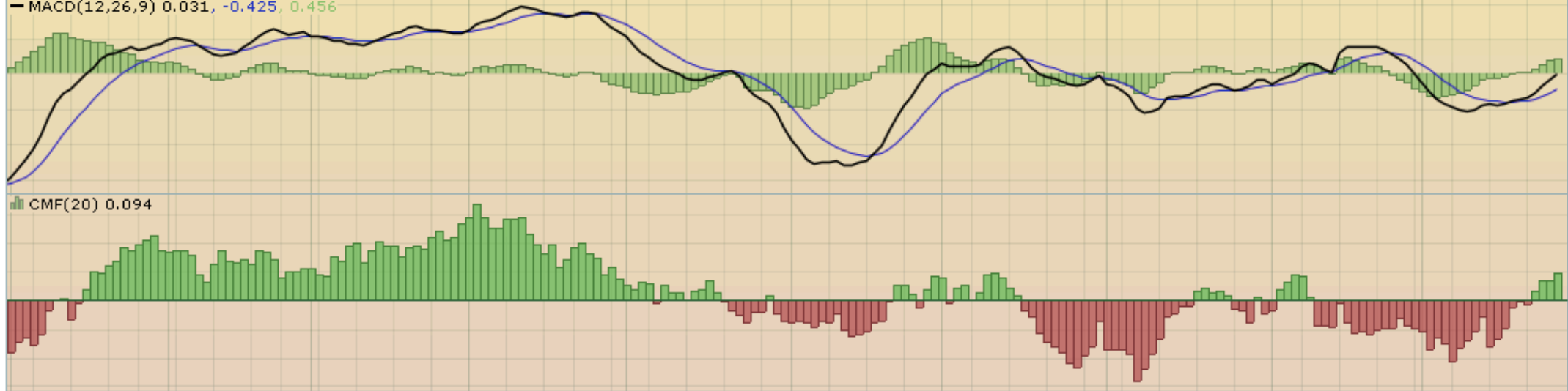
Open 56.07 High 56.74 Low 55.60 Close 56.66 Volume 43.4M Chg +0.43 (+0.76%) ▲

Light Crude Oil - Continuous Contract (EOD) (Daily) 56.66

BB(20,2,0) 51.38 - 53.81 - 56.25
PIVOTS 46.22, 50.15, 56.76, 60.69, 67.30



2019 7 14 22 28 Feb 11 19 25 Mar 11 18 25 Apr 8 15 22 May 6 13 20 28 Jun 10 17 24 Jul 8 15 22 29 Aug 12 19 26 Sep 9 16 23 Oct 7 14 21



2019 7 14 22 28 Feb 11 19 25 Mar 11 18 25 Apr 8 15 22 May 6 13 20 28 Jun 10 17 24 Jul 8 15 22 29 Aug 12 19 26 Sep 9 16 23 Oct 7 14 21

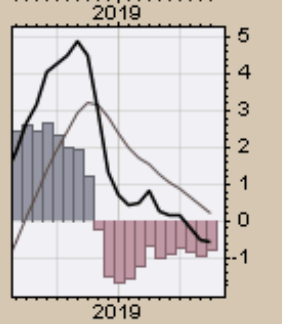
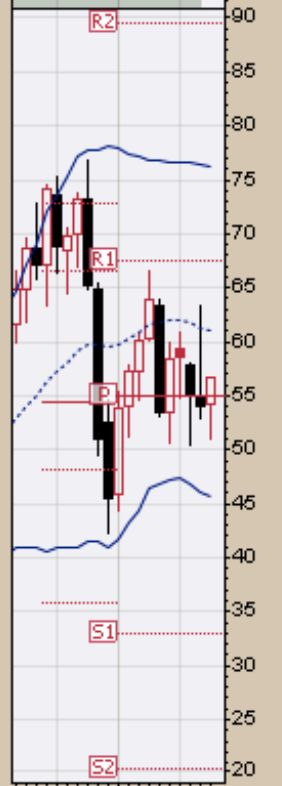
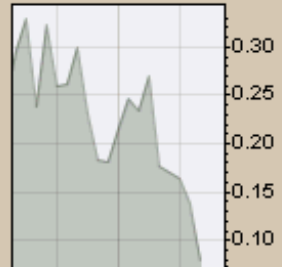
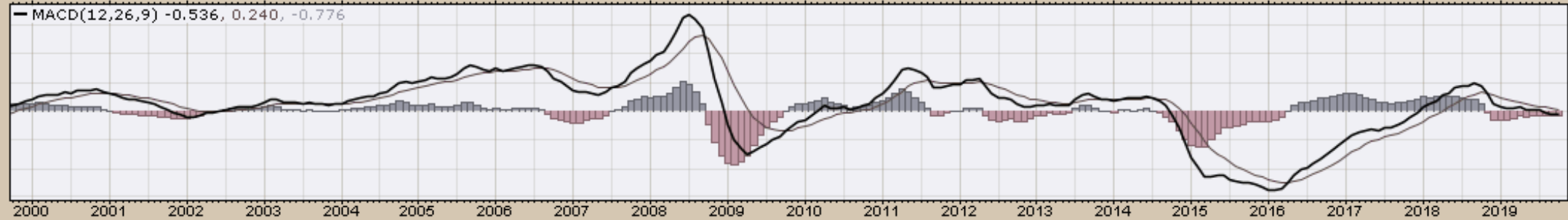
▲ CMF(20) 0.078 (30 Sep)

CHART B8. \$WTIC, MONTHLY CHART

▲ \$WTIC (Monthly) 56.66
— BB(20,2,0) 45.63 - 60.98 - 76.33
— PIVOTS 20.35, 32.88, 54.89, 67.42, 89.43



— MACD(12,26,9) -0.536, 0.240, -0.776



MACD(12,26,9) -3.952, -4.832, 0.880

CHART B9A. \$WTIC, MONTHLY CHART

% \$WTIC (Quarterly) 56.66

MA(50) 74.73

MA(200) undef

EMA(20) 60.49

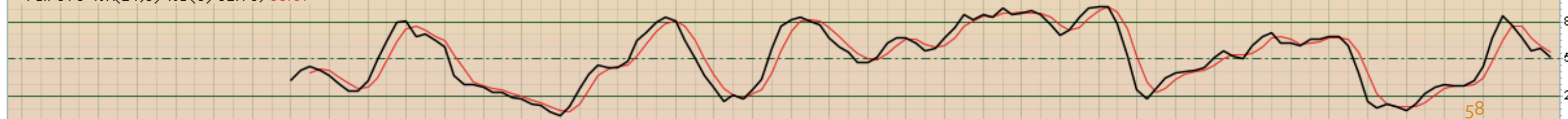


80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

RSI(14) 47.26



Full STO %K(14,3) %D(3) 51.76, 55.57



80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

— \$WTIC (Monthly) 56.66
— MA(200) 68.74

CHART B9B. \$WTIC, QUARTERLY CHART



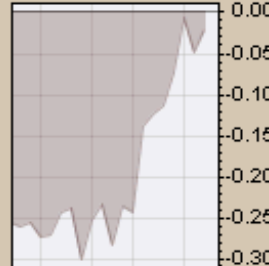
Soybeans

Weekly, Daily, Monthly and Quarterly Charts

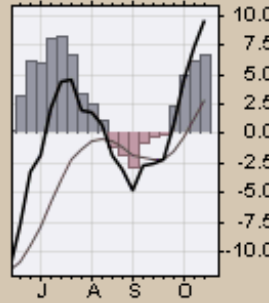
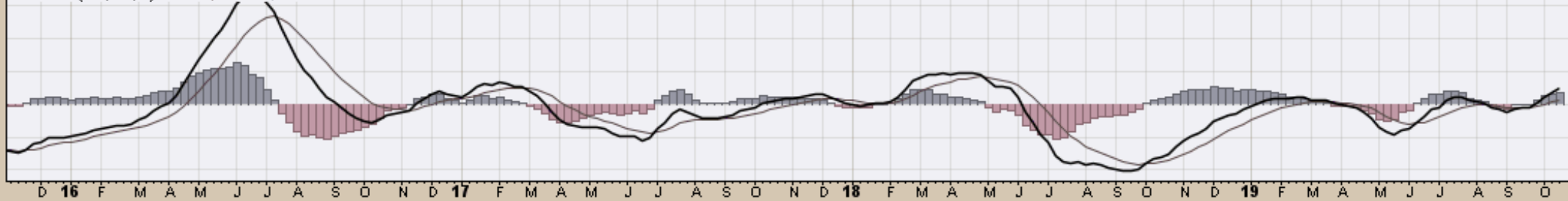
▲ CMF(20) -0.022

▲ \$SOYB (Weekly) 934.50
— BB(20,2,0) 848.83 - 898.86 - 948.90
— PIVOTS 668.50, 795.00, 938.75, 1065.25, 1209.00

CHART B10. SOYBEANS, WEEKLY CHART

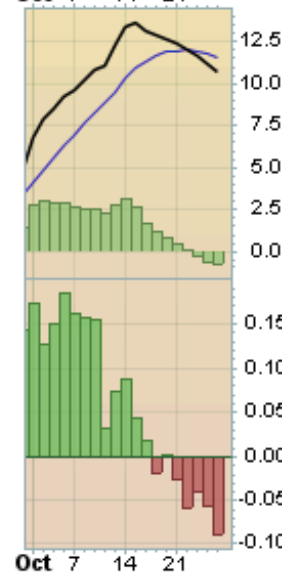
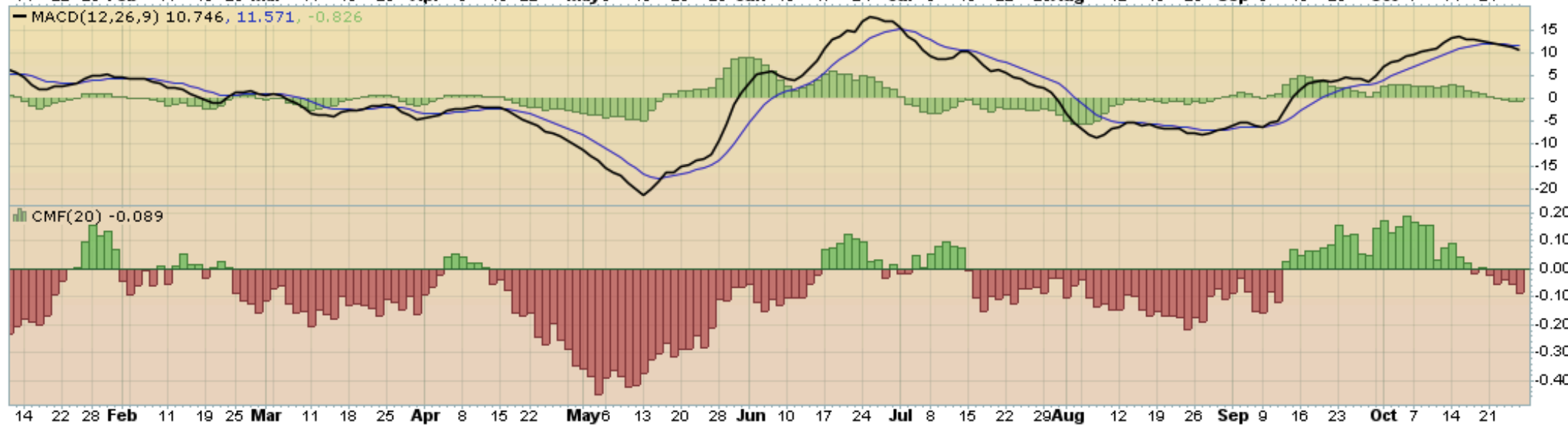
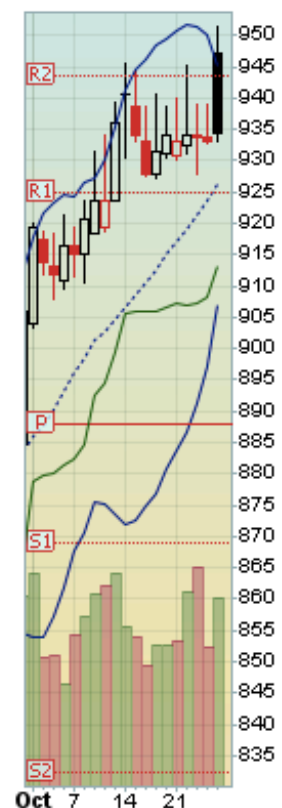


— MACD(12,26,9) 9.503, 2.861, 6.642



25-Oct-2019

\$SOYB Soybeans - Continuous Contract (EOD) (Daily) 934.50
 BB(20,2,0) 907.07 - 926.15 - 945.23
 PIVOTS 832.17, 869.08, 887.92, 924.83, 943.67
 CHANDLR(22,3,0) 913.08
 Volume 146,690



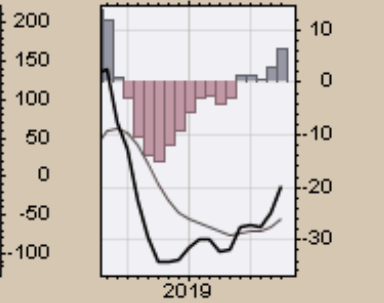
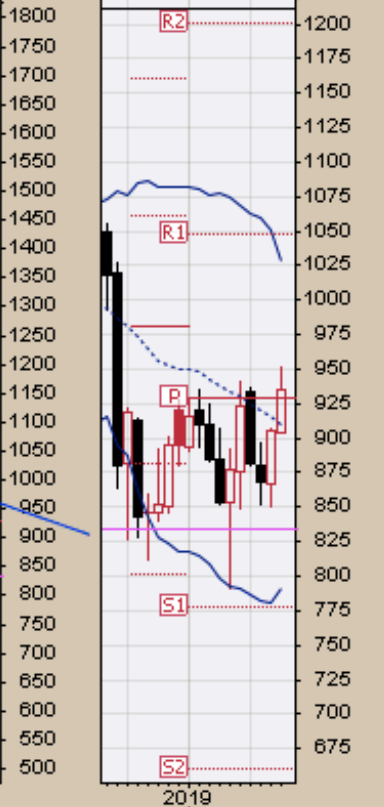
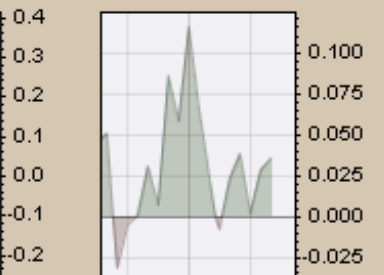
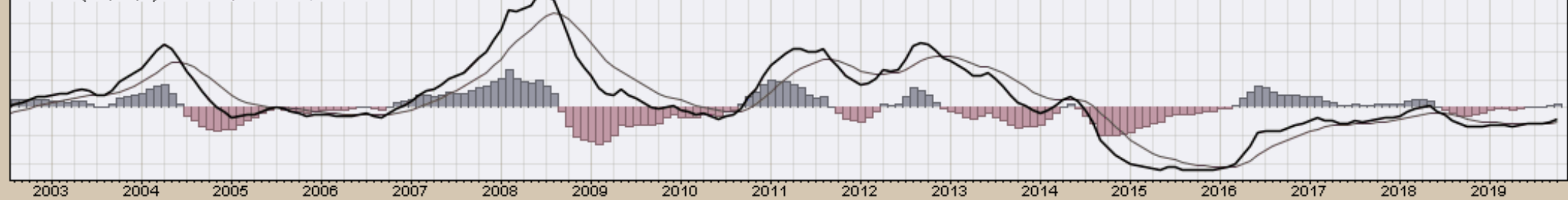
▲ CMF(20) 0.037 (30 Sep)

CHART B12. SOYBEANS, MONTHLY CHART

▲ \$SOYB (Monthly) 934.50
— BB(20,2,0) 790.95 - 909.84 - 1028.72
— PIVOTS 659.67, 777.33, 929.92, 1047.58, 1200.17

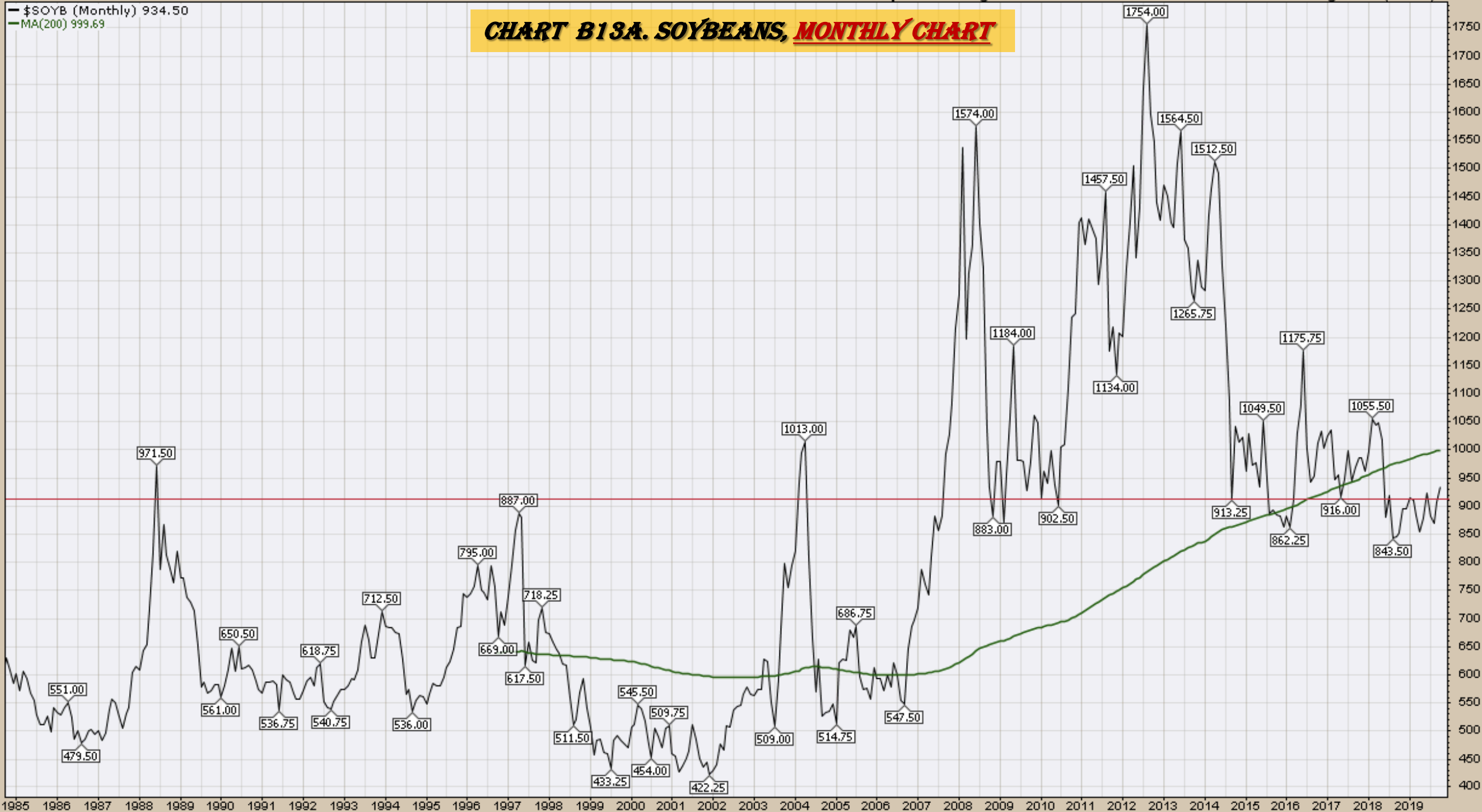


— MACD(12,26,9) -19.752, -26.009, 6.258



— \$SOYB (Monthly) 934.50
— MA(200) 999.69

CHART B13A. SOYBEANS, MONTHLY CHART



25-Oct-2019

Open 904.00 High 951.25 Low 903.25 Close 934.50 Volume 2.4M Chg +28.50 (+3.15%) ▲

MACD(12,26,9) -54.393, -53.337, -1.056

% \$SOYB (Quarterly) 934.50

CHART B13B. SOYBEANS, QUARTERLY CHART



RSI(14) 47.11

Full STO %K(14,3) %D(3) 32.06, 27.13



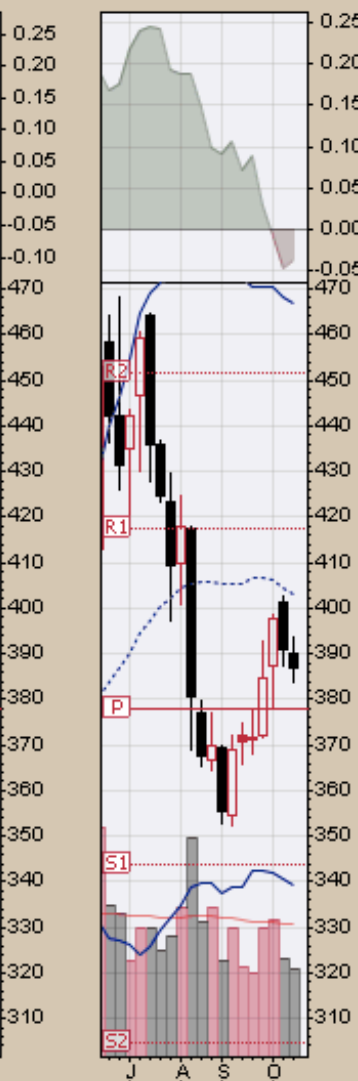
Corn

Weekly, Daily, Monthly and Quarterly Charts

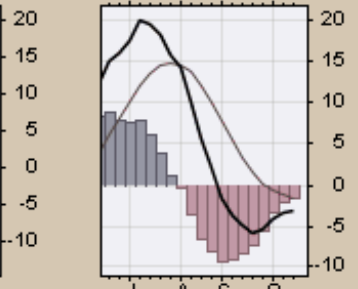
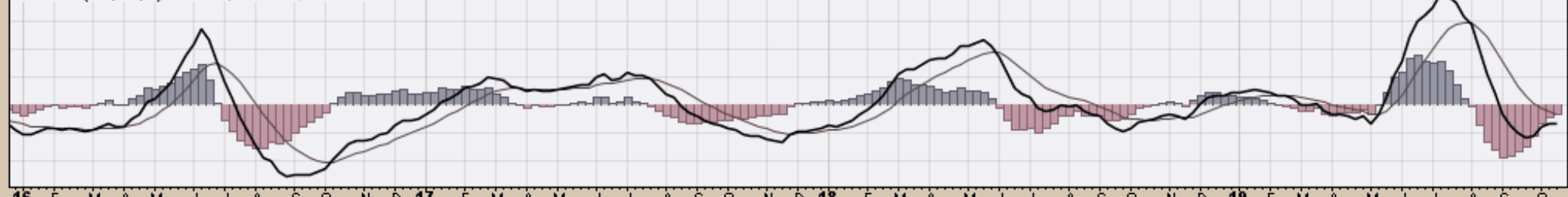
▲ CMF(20) -0.036

📊 \$CORN (Weekly) 386.75
— BB(20,2,0) 339.12 - 403.04 - 466.95
— PIVOTS 304.50, 343.75, 378.00, 417.25, 451.50
📊 Volume 598.90K, EMA(50) 899.82K

CHART B14. CORN, WEEKLY CHART

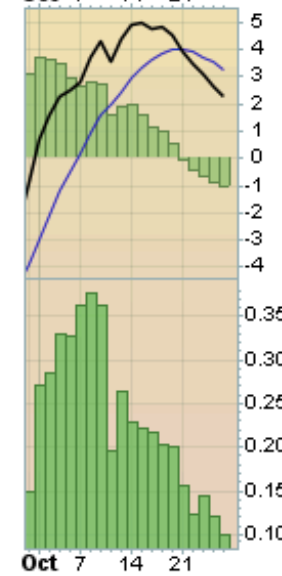
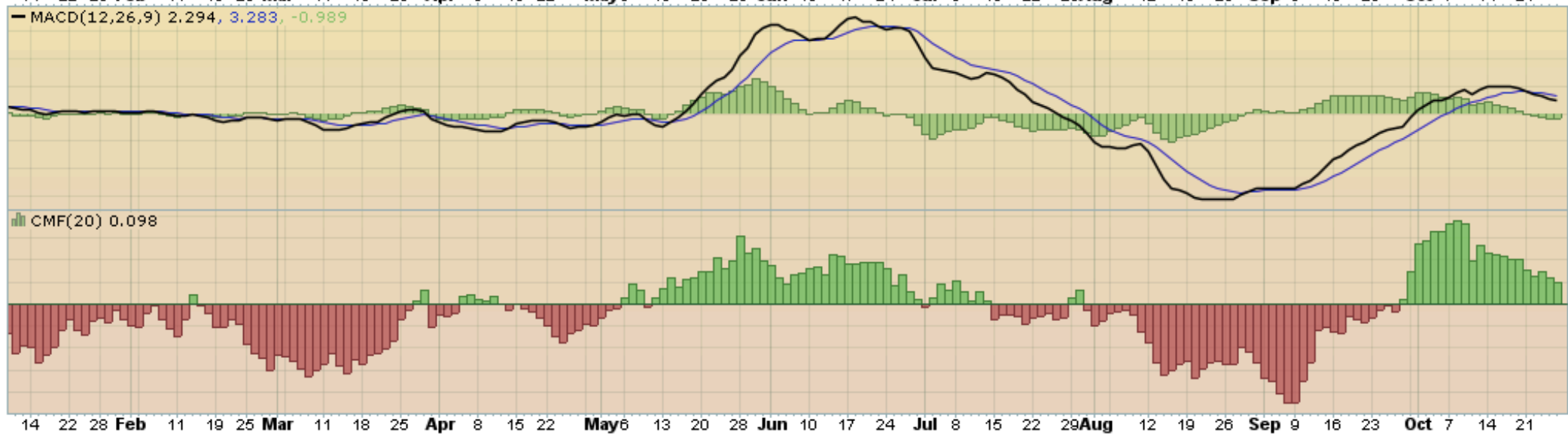
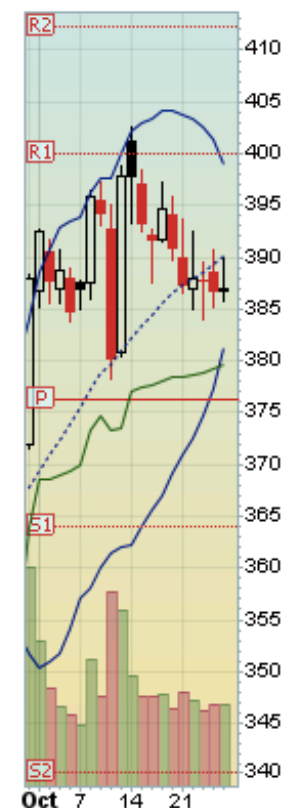
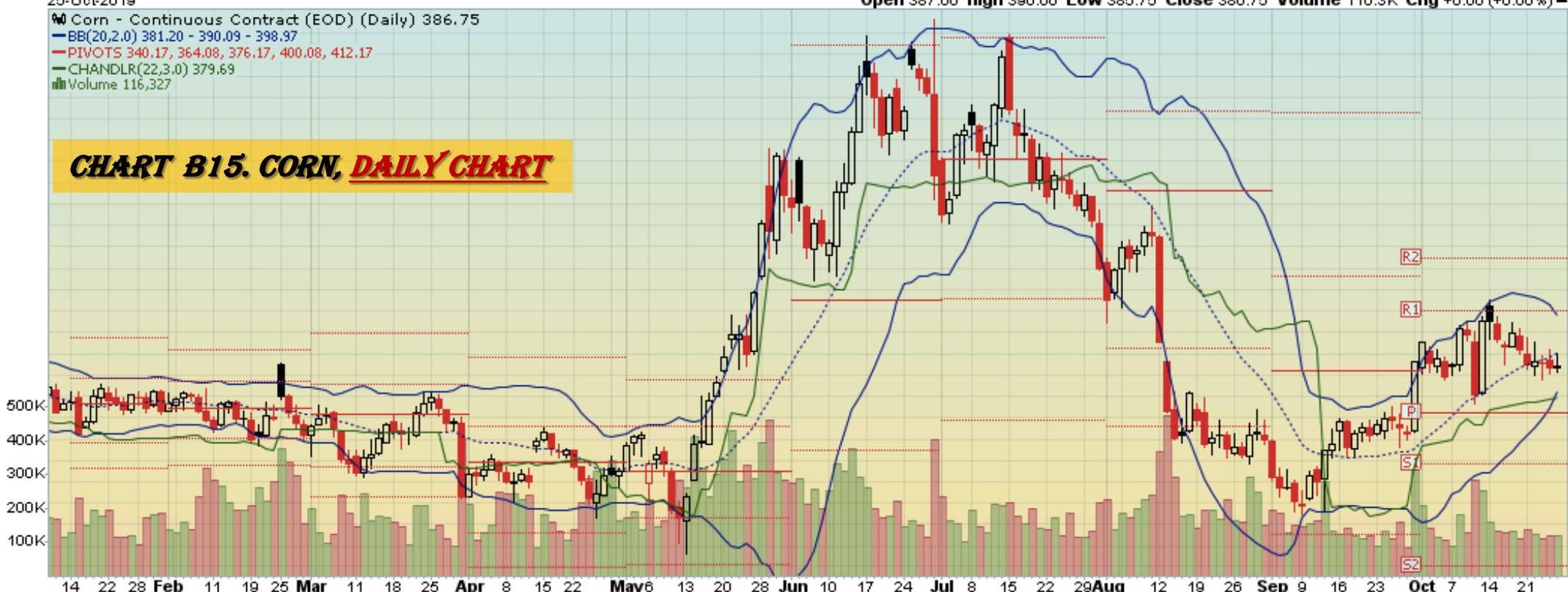


— MACD(12,26,9) -3.150, -1.561, -1.589



Corn - Continuous Contract (EOD) (Daily) 386.75
 BB(20,2,0) 381.20 - 390.09 - 398.97
 PIVOTS 340.17, 364.08, 376.17, 400.08, 412.17
 CHANDLR(22,3,0) 379.69
 Volume 116,327

CHART B15. CORN, DAILY CHART



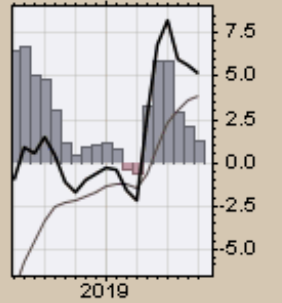
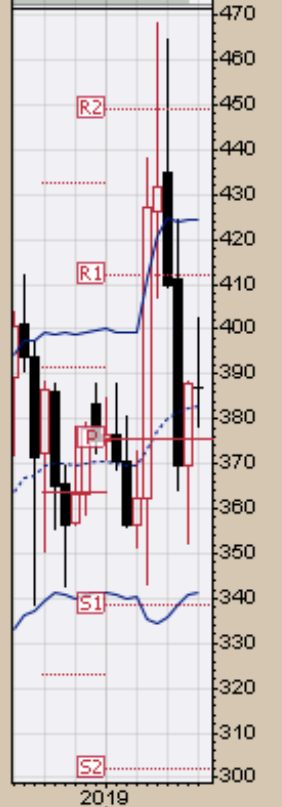
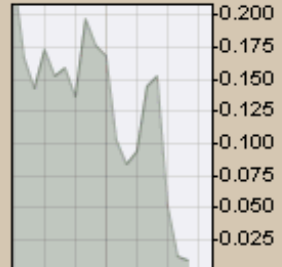
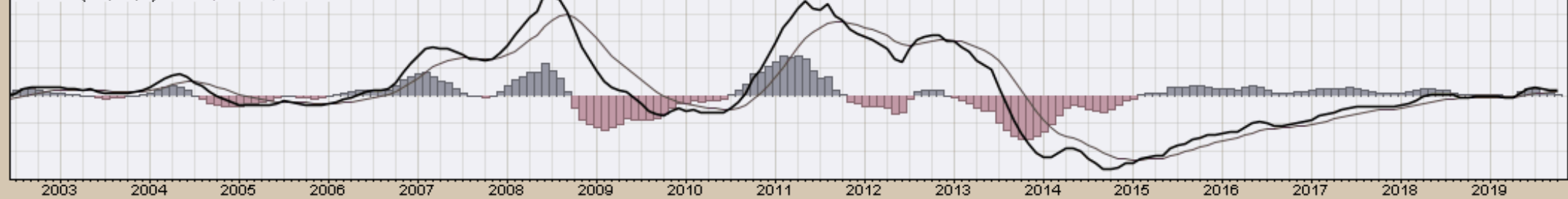
▲ CMF(20) 0.008 (30 Sep)

CHART B16. CORN, MONTHLY CHART

▲ \$CORN (Monthly) 386.75
— BB(20,2,0) 341.18 - 382.84 - 424.49
— PIVOTS 301.83, 338.42, 375.33, 411.92, 448.83

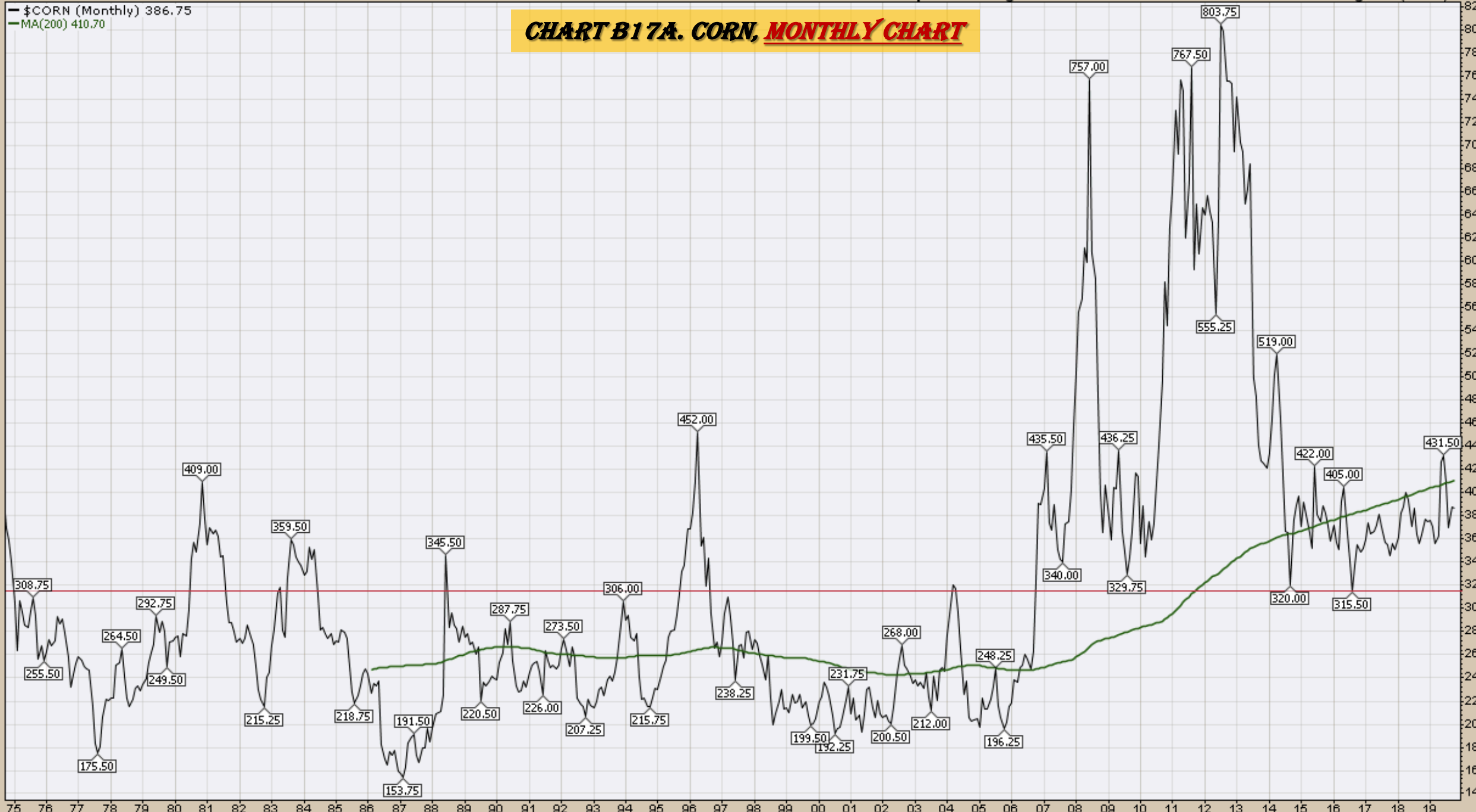


— MACD(12,26,9) 5.210, 3.901, 1.309



— \$CORN (Monthly) 386.75
— MA(200) 410.70

CHART B17A. CORN, MONTHLY CHART



MACD(12,26,9) -17.381, -24.532, 7.151

% \$CORN (Quarterly) 386.75

MA(50) 460.69

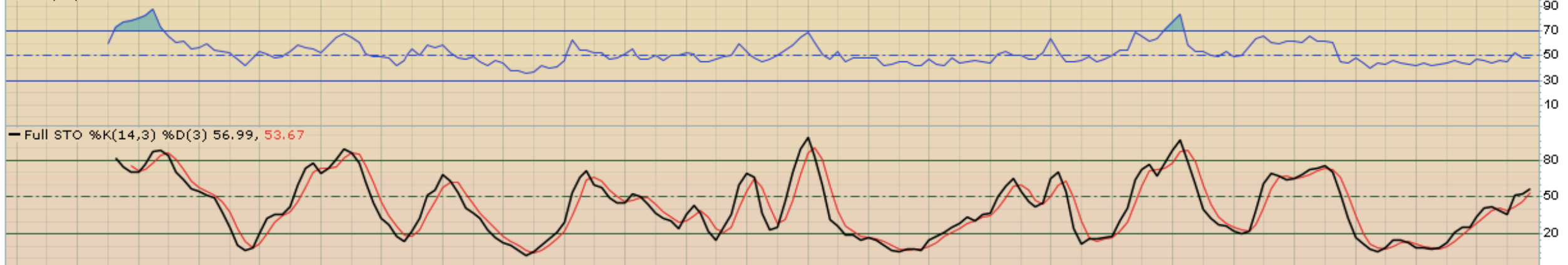
MA(200) 301.66

EMA(20) 393.14

CHART B17B. CORN, QUARTERLY CHART



RSI(14) 48.36



Full STO %K(14,3) %D(3) 56.99, 53.67

Rice

CHART B18. ROUGH RICE, NEARBY, 20 YEAR

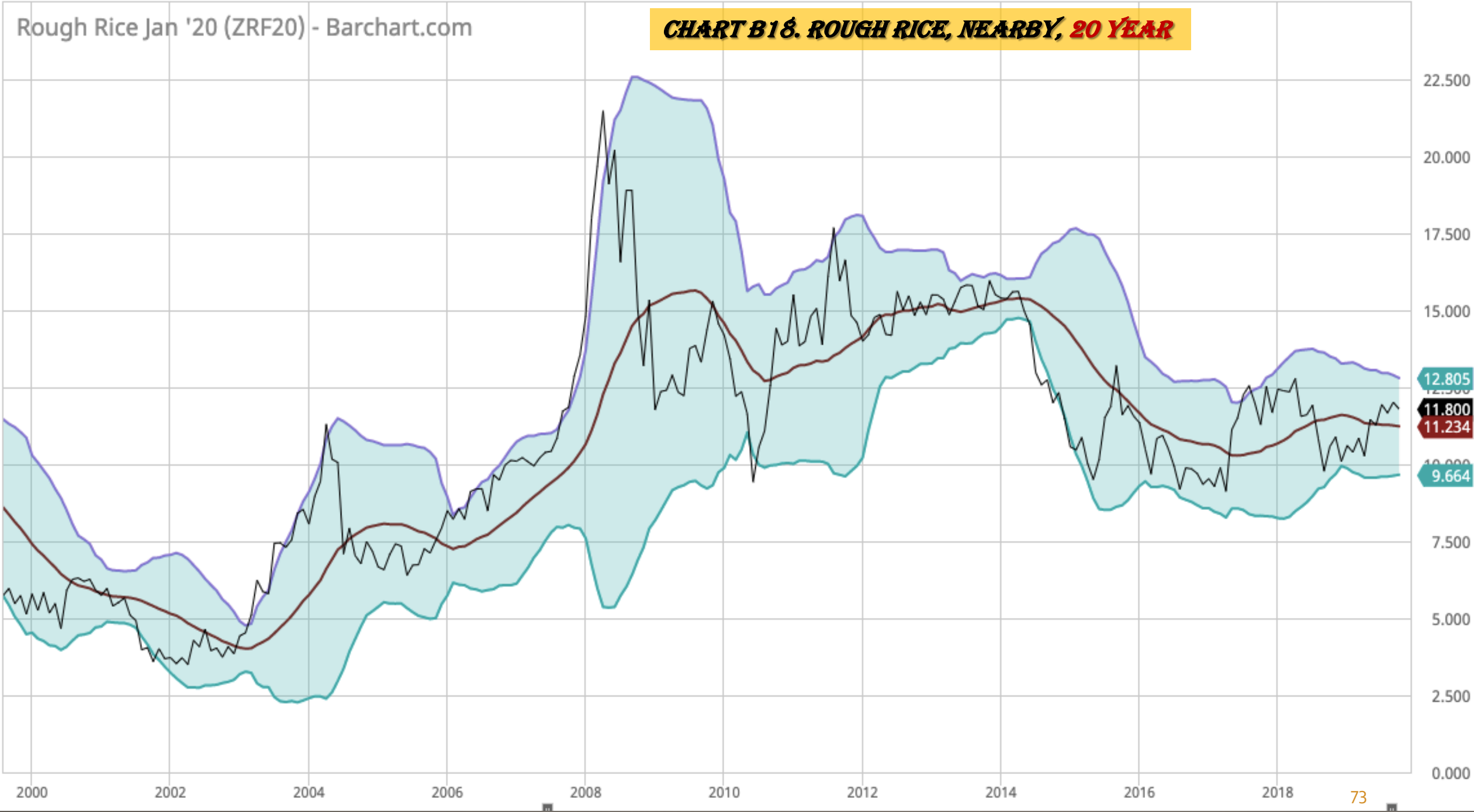
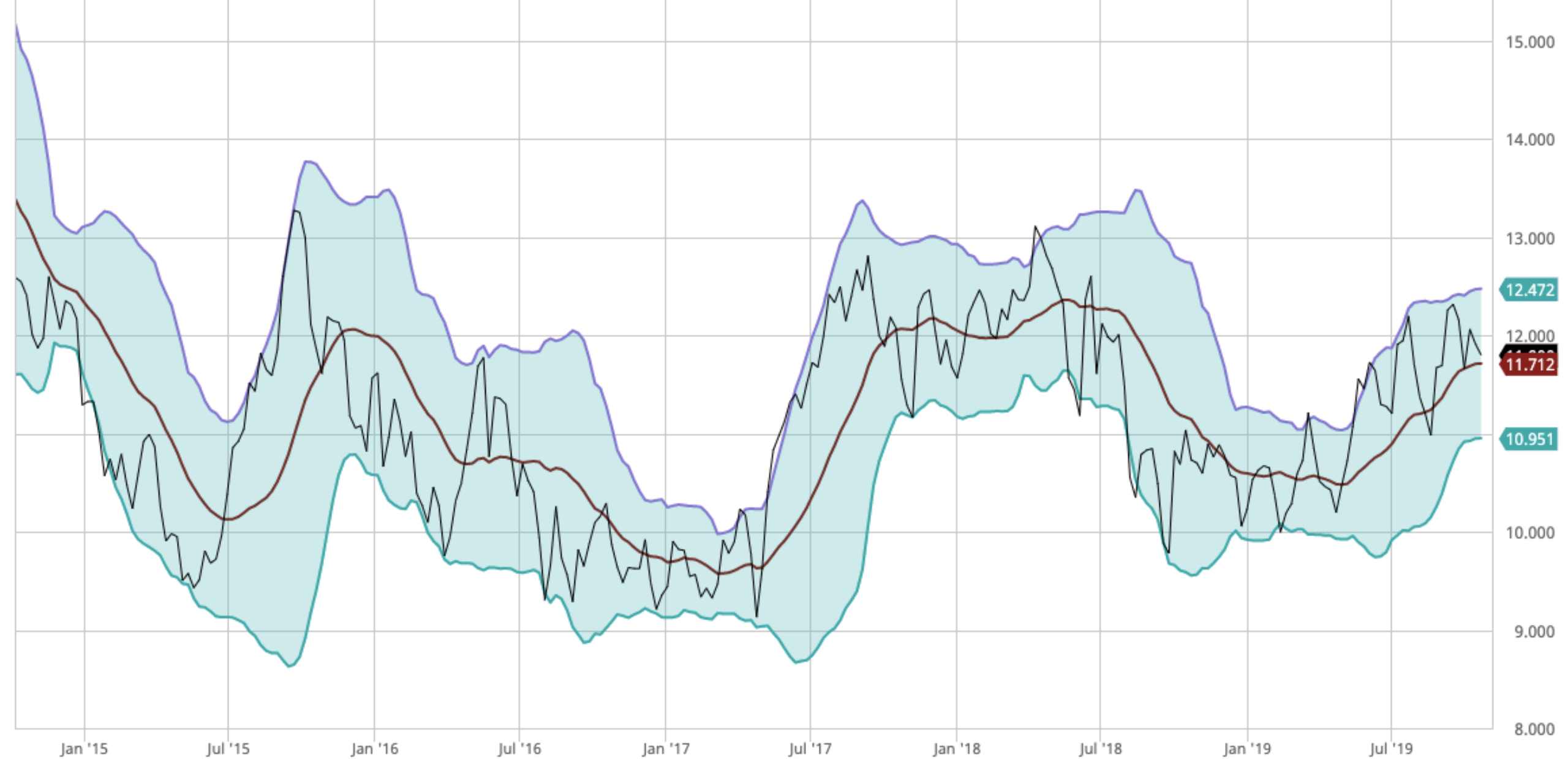
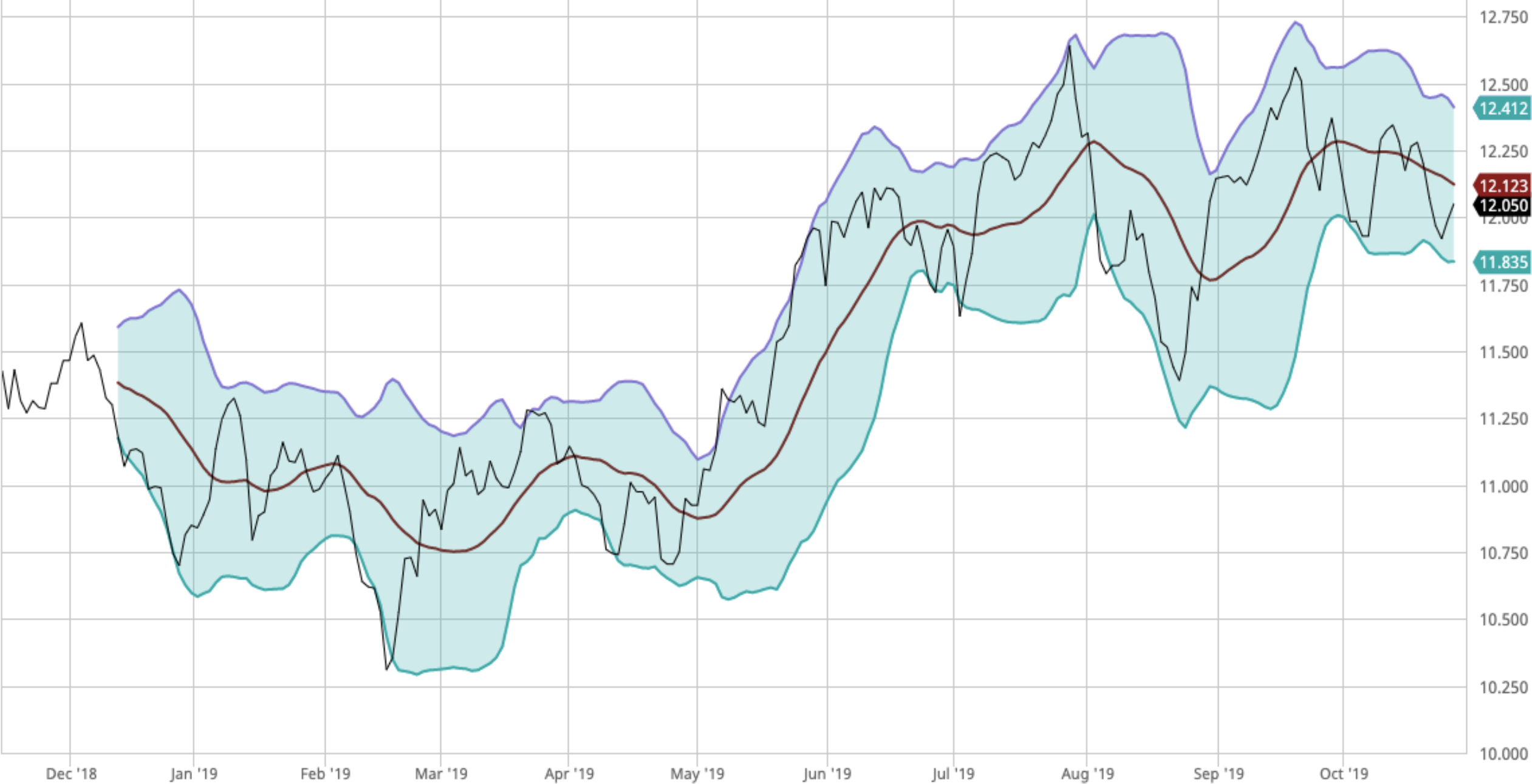


CHART B19. ROUGH RICE, NEARBY, 5 YEAR



15.000
14.000
13.000
12.472
12.000
11.712
10.951
10.000
9.000
8.000

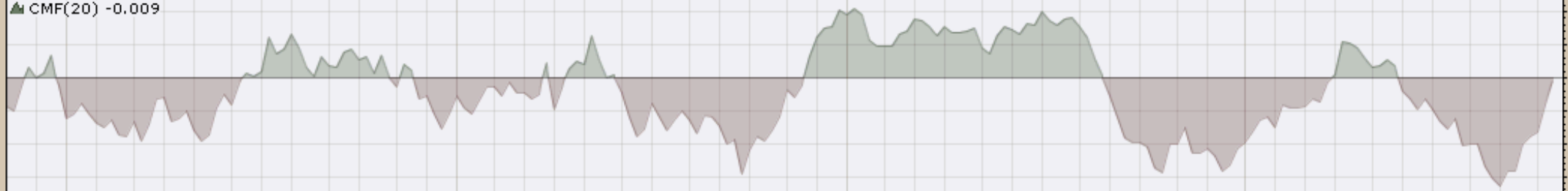
CHART B20. ROUGH RICE , NOVEMBER, 1 YEAR



Cotton

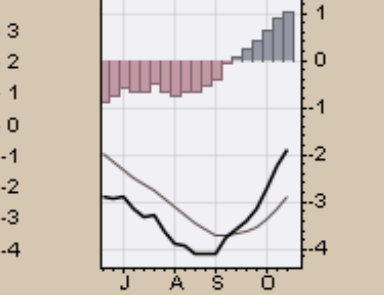
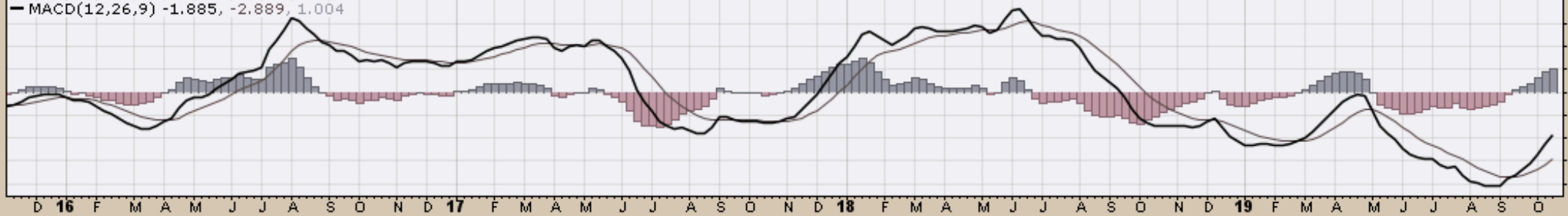
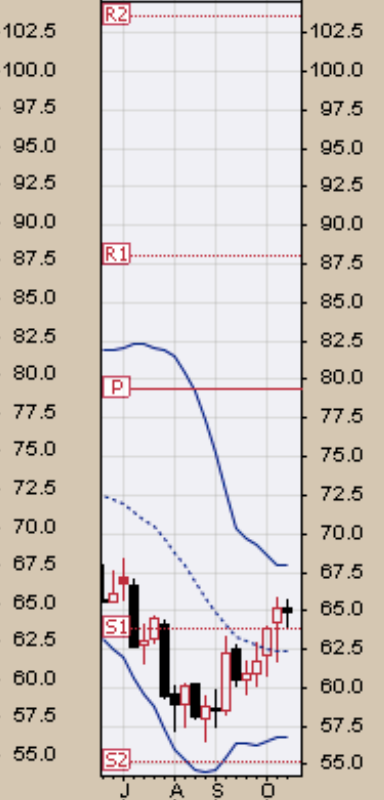
Weekly, Daily, Monthly and Quarterly Charts

25-Oct-2019 Open 65.19 High 65.70 Low 63.96 Close 64.90 Volume 76.9K Chg -0.26 (-0.40%)



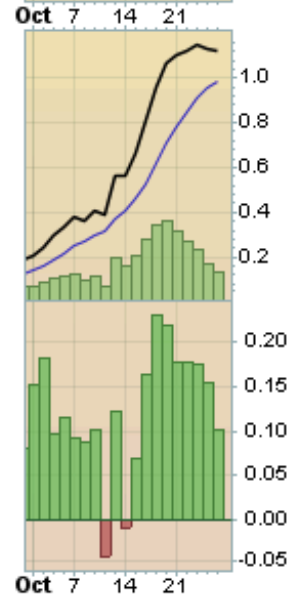
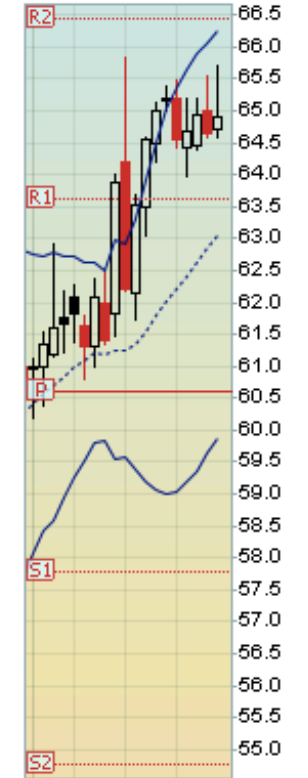
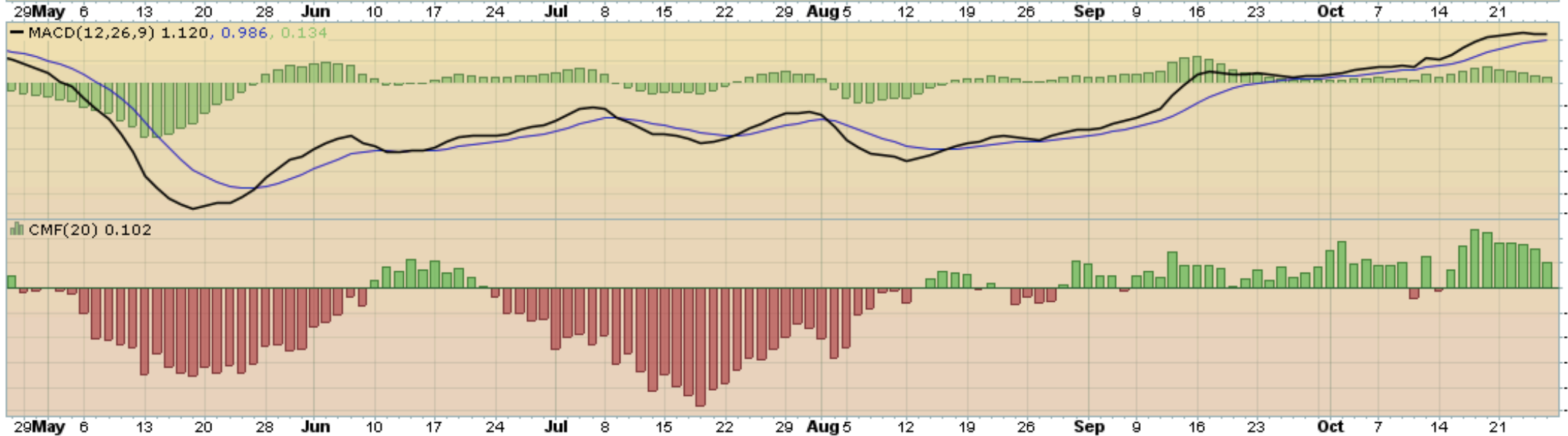
Ⓢ \$COTTON (Weekly) 64.90
 — BB(20,2,0) 56.86 - 62.39 - 67.93
 — PIVOTS 55.16, 63.84, 79.33, 88.01, 103.50

CHART B21. COTTON, WEEKLY CHART



BB(20,2.0) 59.87 - 63.06 - 66.24
PIVOTS 54.75, 57.79, 60.59, 63.63, 66.43

CHART B22. COTTON, DAILY CHART



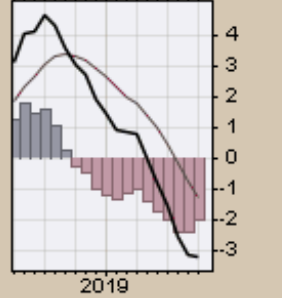
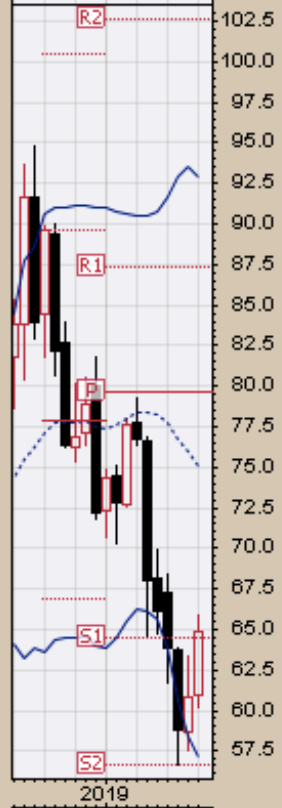
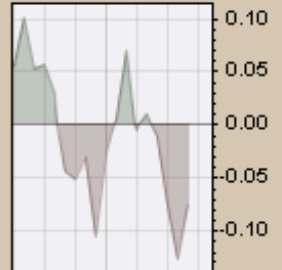
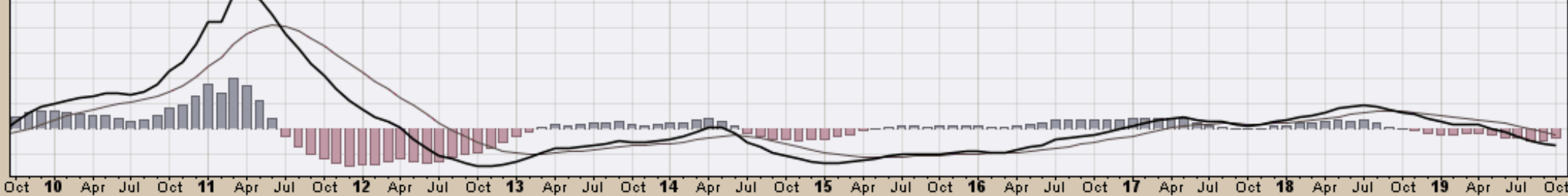
▲ CMF(20) -0.074 (30 Sep)

CHART B23. COTTON, MONTHLY CHART

▲ \$COTTON (Monthly) 64.90
— BB(20,2,0) 57.16 - 75.06 - 92.95
— PIVOTS 56.68, 64.44, 79.63, 87.39, 102.58

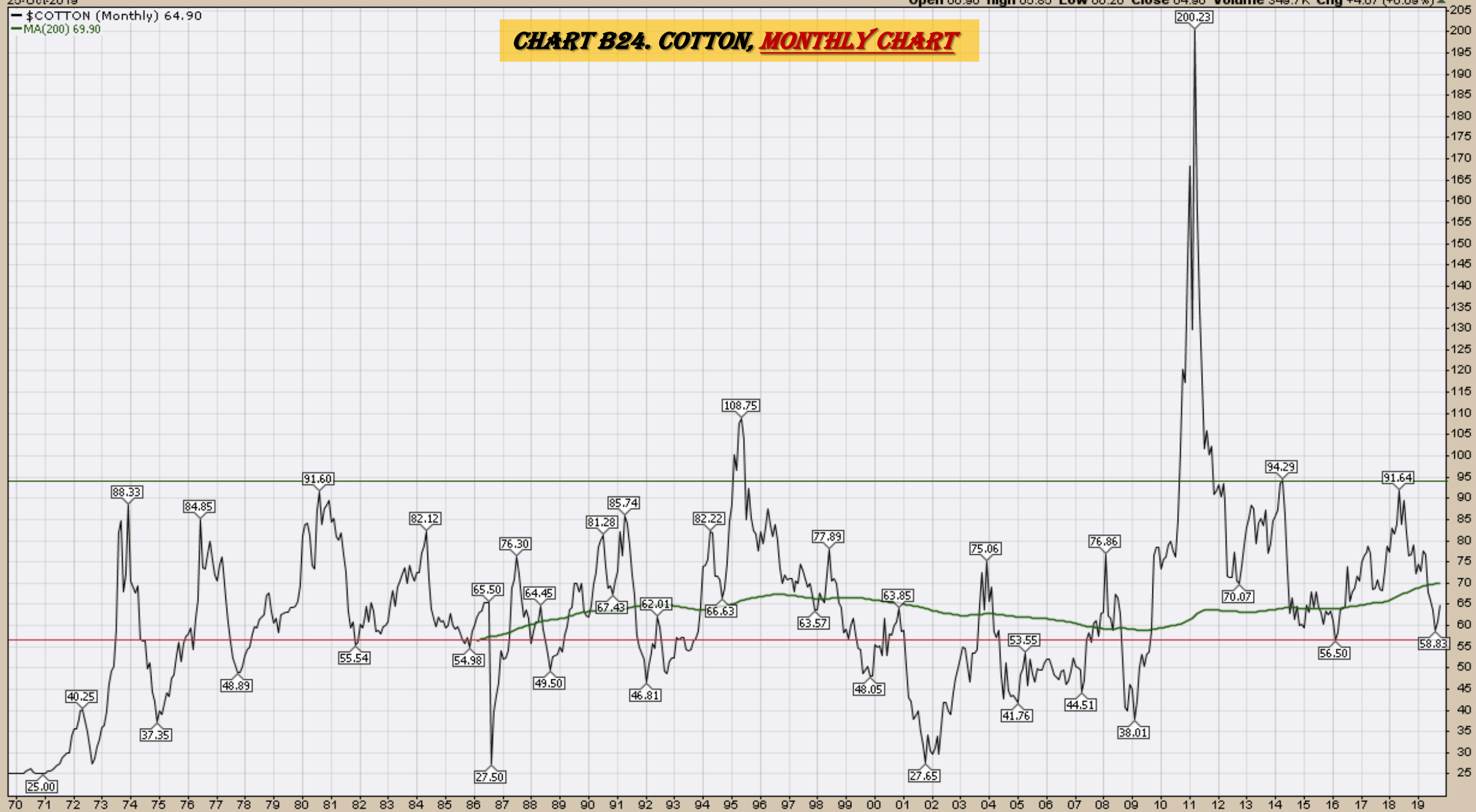


— MACD(12,26,9) -3.263, -1.262, -2.001



— \$COTTON (Monthly) 64.90
— MA(200) 69.90

CHART B24. COTTON, MONTHLY CHART



MACD(12,26,9) -1.857, -1.084, -0.773

CHART B24B. COTTON, QUARTERY CHART

% \$COTTON (Quarterly) 64.90

MA(50) 76.61

MA(200) 63.43

EMA(20) 71.81



RSI(14) 45.79



Full STO %K(14,3) %D(3) 20.50, 32.04



Wheat

Weekly, Daily, Monthly and Quarterly Charts

▲ CMF(20) 0.120

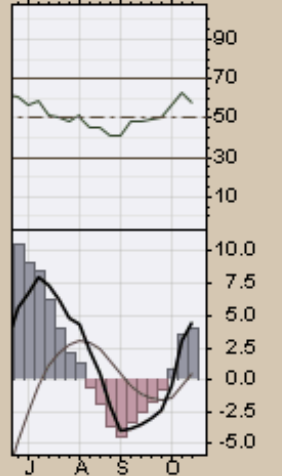
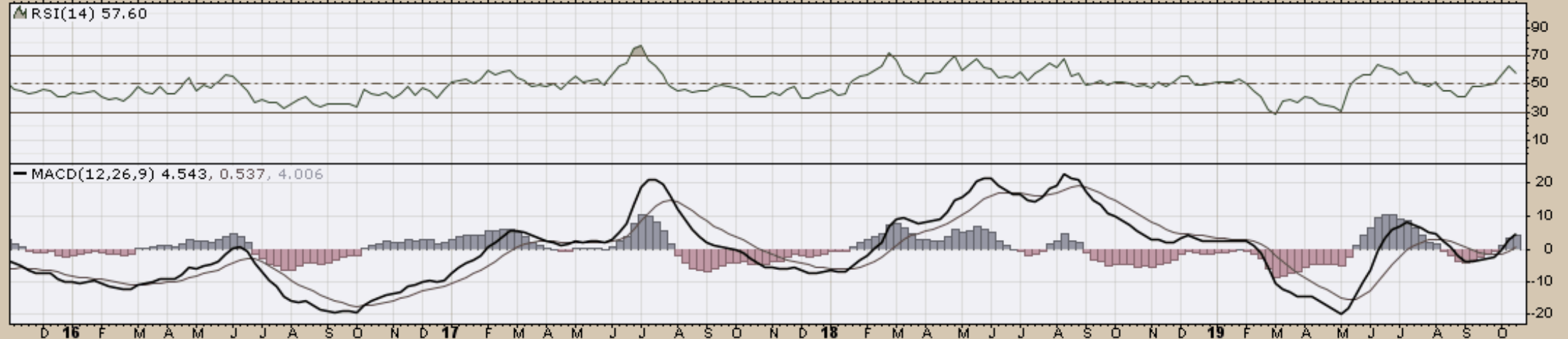
▲ \$WHEAT (Weekly) 517.75
— BB(20,2.0) 455.82 - 500.41 - 545.01
— PIVOTS 328.00, 422.50, 507.75, 602.25, 687.50

CHART B25. WHEAT, WEEKLY CHART

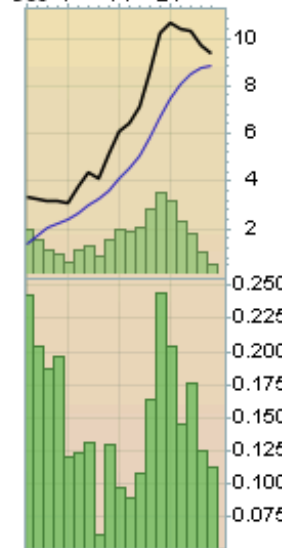
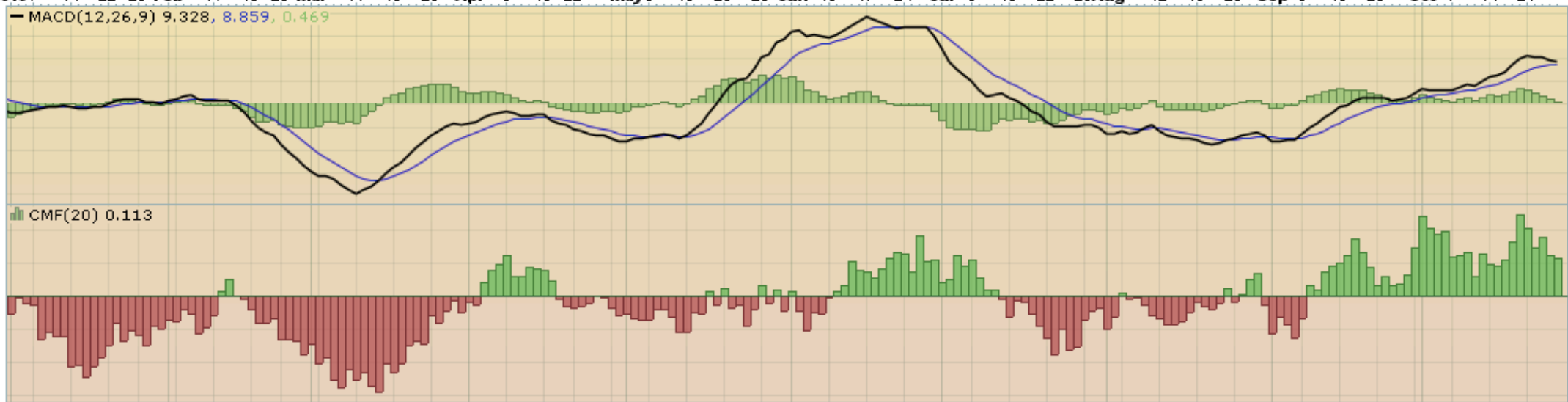


▲ RSI(14) 57.60

— MACD(12,26,9) 4.543, 0.537, 4.006



Wheat - Continuous Contract (EOD) (Daily) 517.75
BB(20,2,0) 480.31 - 506.92 - 533.54
PIVOTS 431.92, 463.83, 482.42, 514.33, 532.92



25-Oct-2019

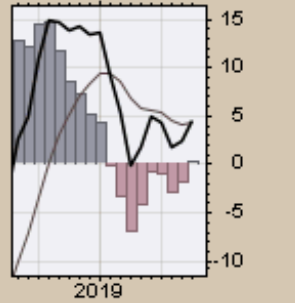
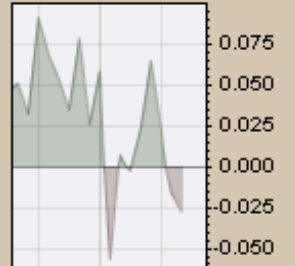
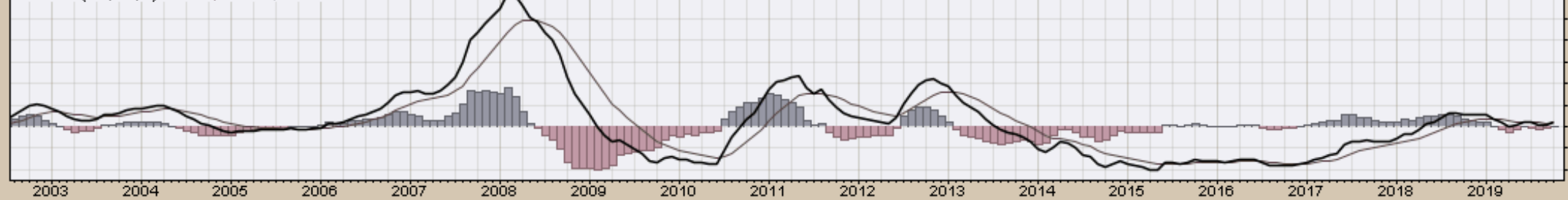
▲ CMF(20) -0.028 (30 Sep)

WHEAT (Monthly) 517.75
— BB(20,2,0) 435.56 - 498.64 - 561.71
— PIVOTS 323.42, 413.33, 503.17, 593.08, 682.92

CHART B27. WHEAT, MONTHLY CHART



— MACD(12,26,9) 4.592, 4.263, 0.328



— \$WHEAT (Monthly) 517.75
— MA(200) 539.86

CHART B28A. WHEAT, MONTHLY CHART



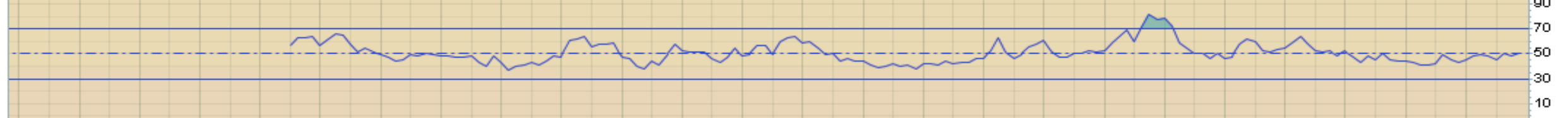
MACD(12,26,9) -18.964, -28.828, 9.864

CHART B28B. WHEAT, QUARTERLY CHART

% \$WHEAT (Quarterly) 517.75
 MA(50) 594.16
 MA(200) undef
 EMA(20) 504.95



RSI(14) 50.23



Full STO %K(14,3) %D(3) 61.49, 54.83



S&P Sectors

Sector Chart Book Index

Market Outlook Considerations for Week Beginning August 12, 2019

Chart Book Index - Sectors

- Chart C1. Financial Sector, Weekly Chart
- Chart C2. Health Care Sector, Weekly Chart
- Chart C3. Technology Sector, Weekly Chart
- Chart C4. Industrial Sector, Weekly Chart
- Chart C5. Materials Sector, Weekly Chart
- Chart C6. Energy Sector, Weekly Chart
- Chart C7. Utilities Sector, Weekly Chart
- Chart C8. Consumer Staples, Weekly Chart
- Chart C9. Consumer Discretionary, Weekly Chart

Continued Next Slide

CHART C1. FINANCIAL SECTOR, WEEKLY CHART

XLF (Weekly) 28.64
— BB(20,2,0) 26.18 - 27.57 - 28.95
— PIVOTS 17.37, 20.63, 24.97, 28.23, 32.58
■ Volume 188.23M, EMA(50) 261.51M

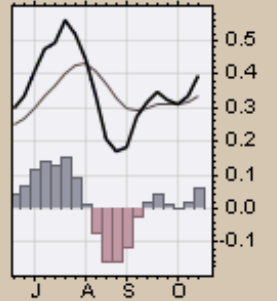
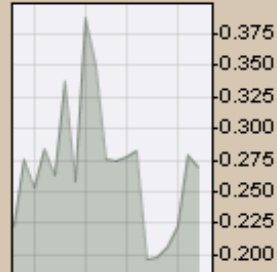
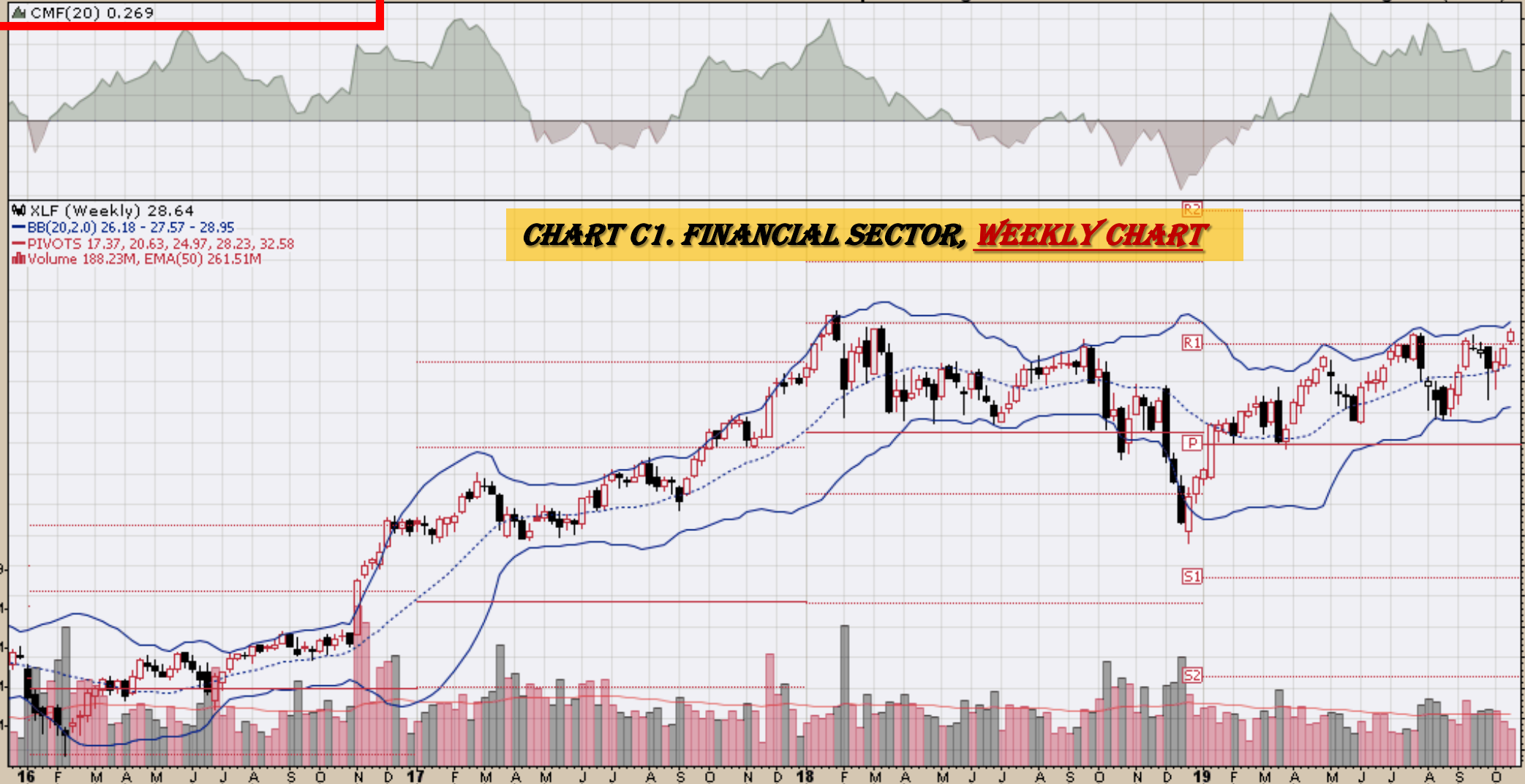


CHART C2. HEALTH CARE SECTOR, WEEKLY CHART

XLV (Weekly) 92.06
BB(20,2,0) 88.67 - 91.12 - 93.56
PIVOTS 67.80, 76.36, 85.42, 93.98, 103.04
Volume 31.70M, EMA(50) 48.40M

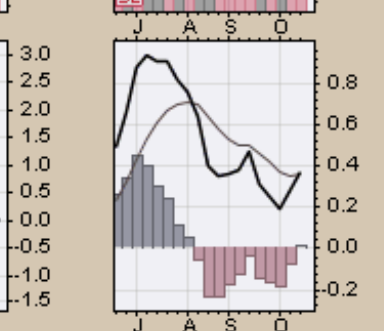
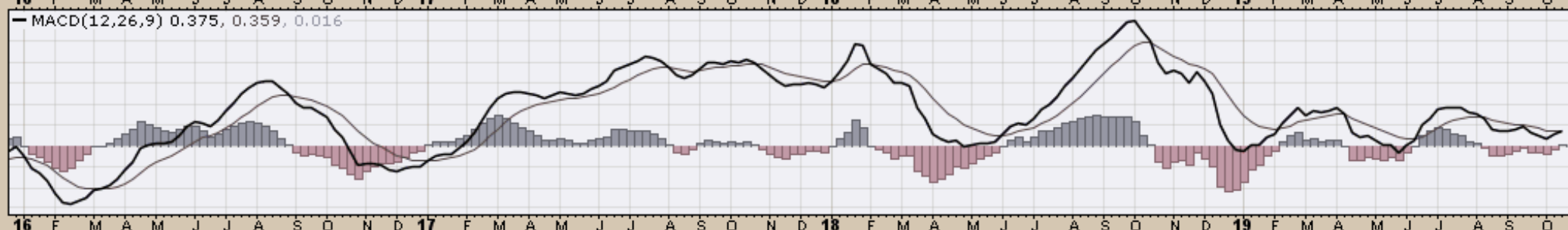
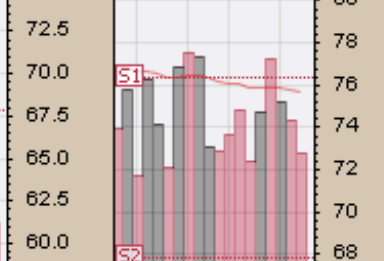
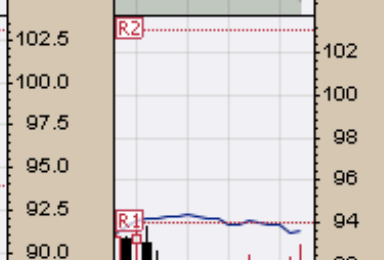
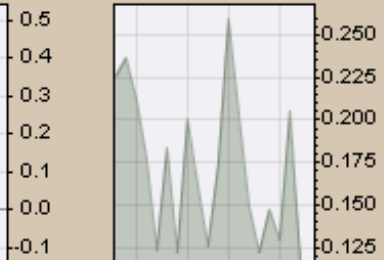
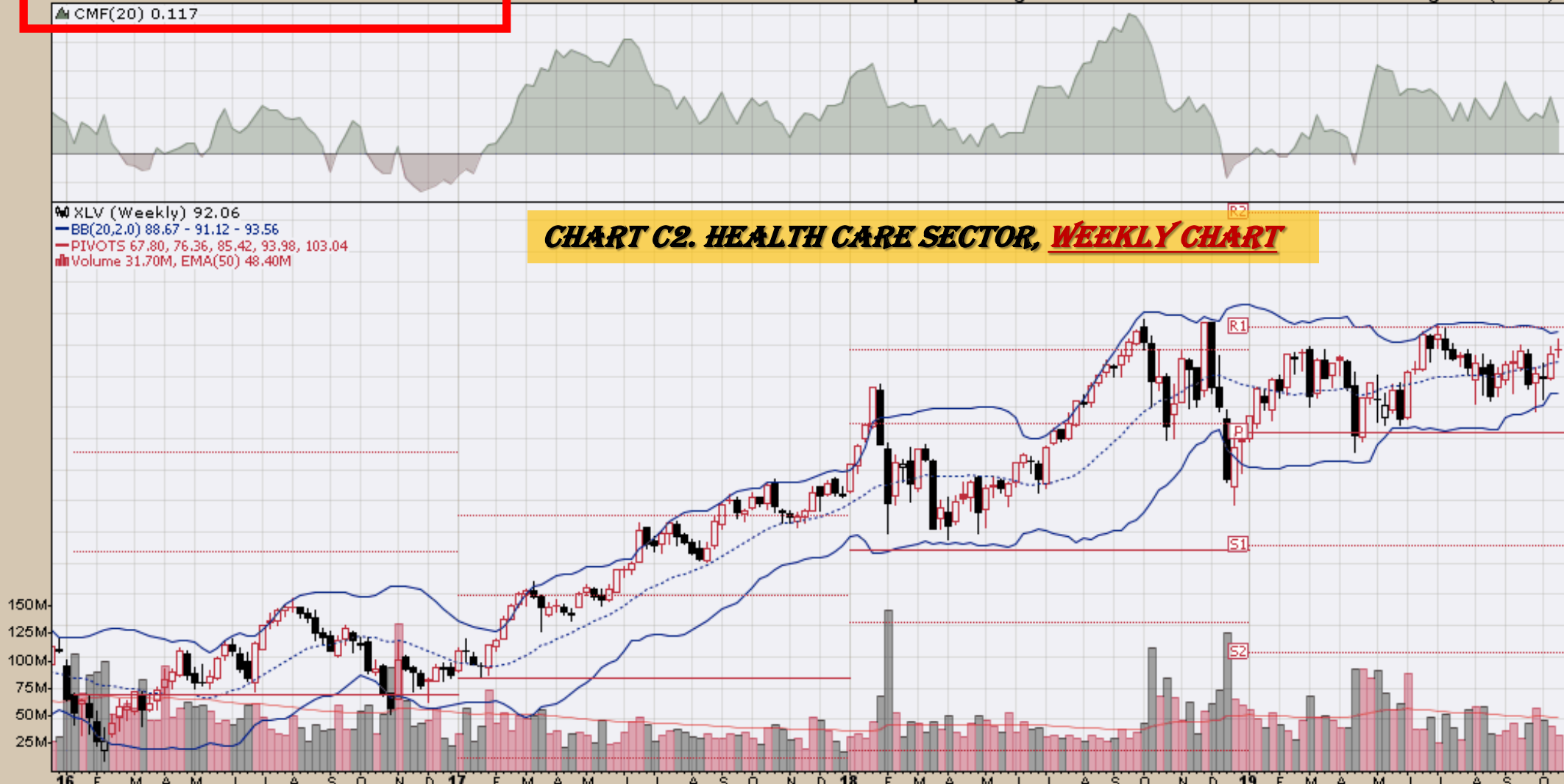


CHART C3. TECHNOLOGY SECTOR, WEEKLY CHART

XLK (Weekly) 82.92
BB(20,2,0) 76.08 - 79.71 - 83.34
PIVOTS 46.18, 53.54, 64.36, 71.72, 82.55
Volume 39.91M, EMA(50) 63.00M

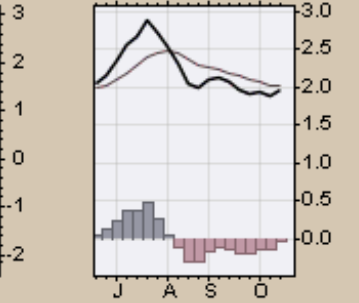
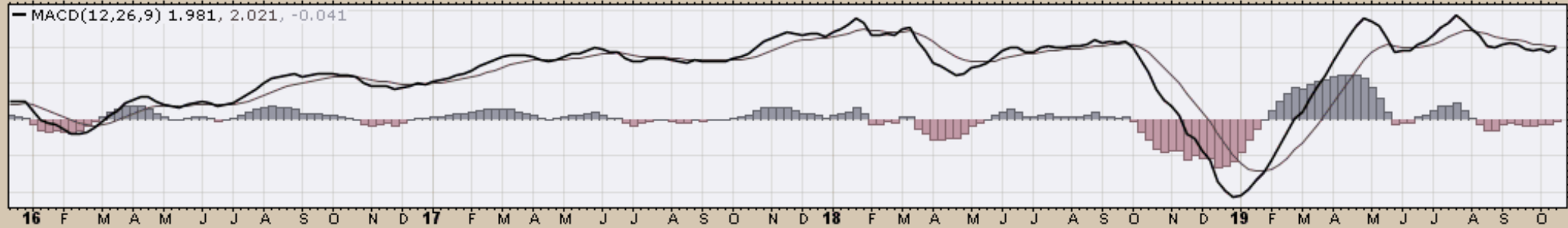
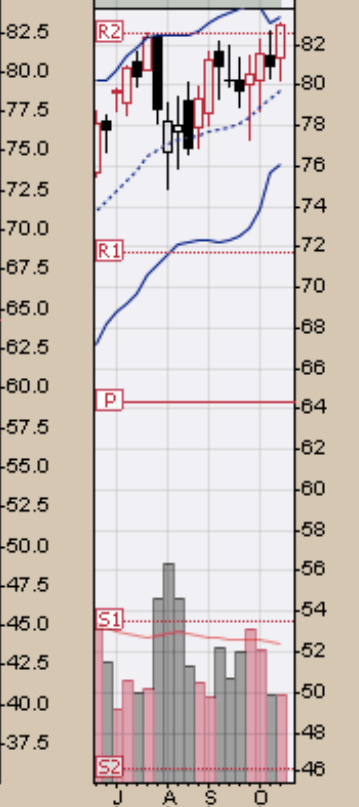
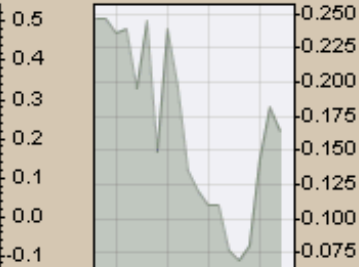
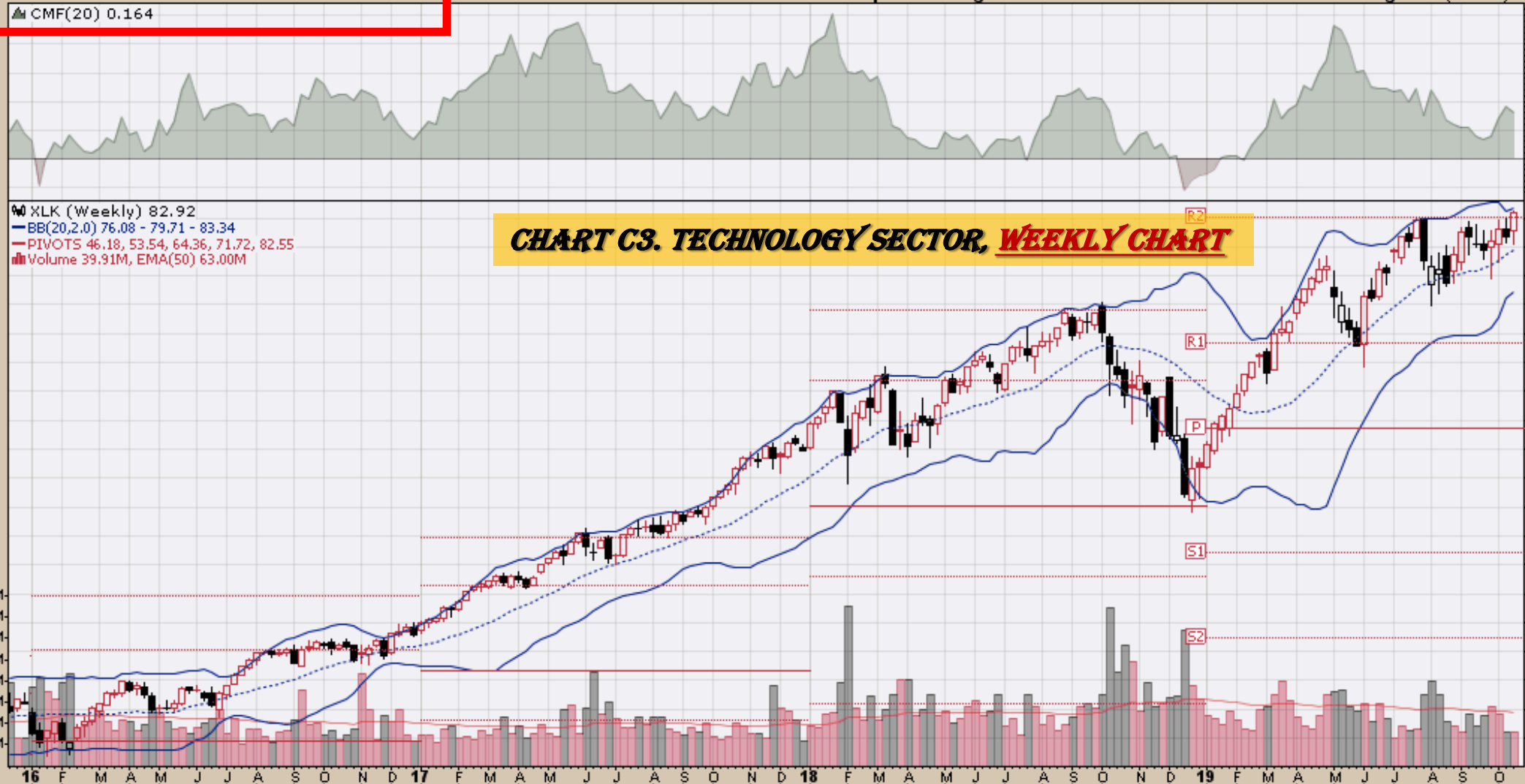
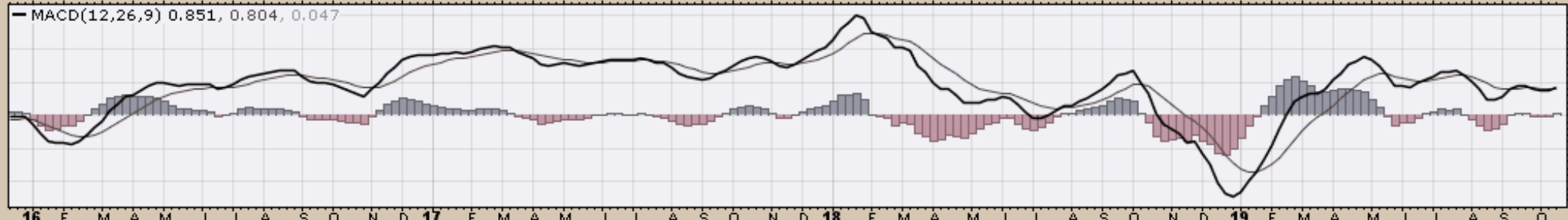
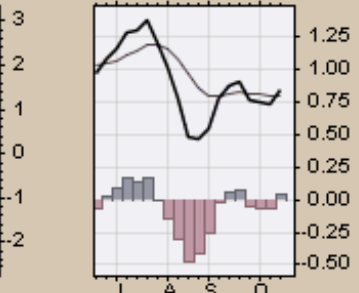
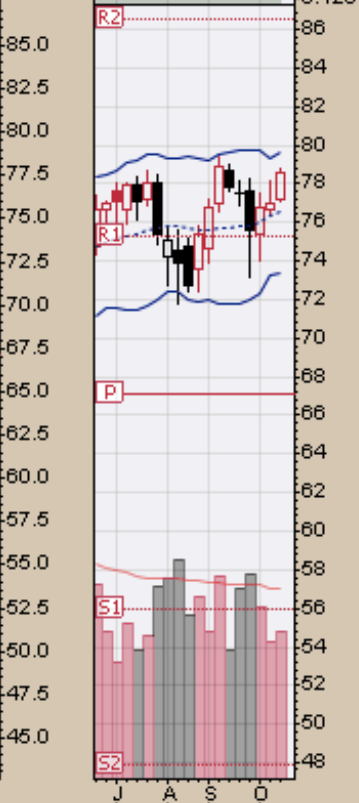
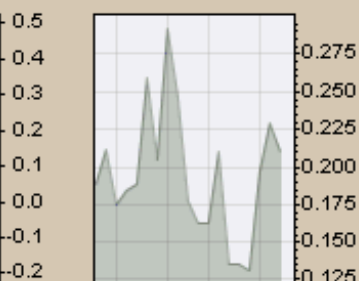
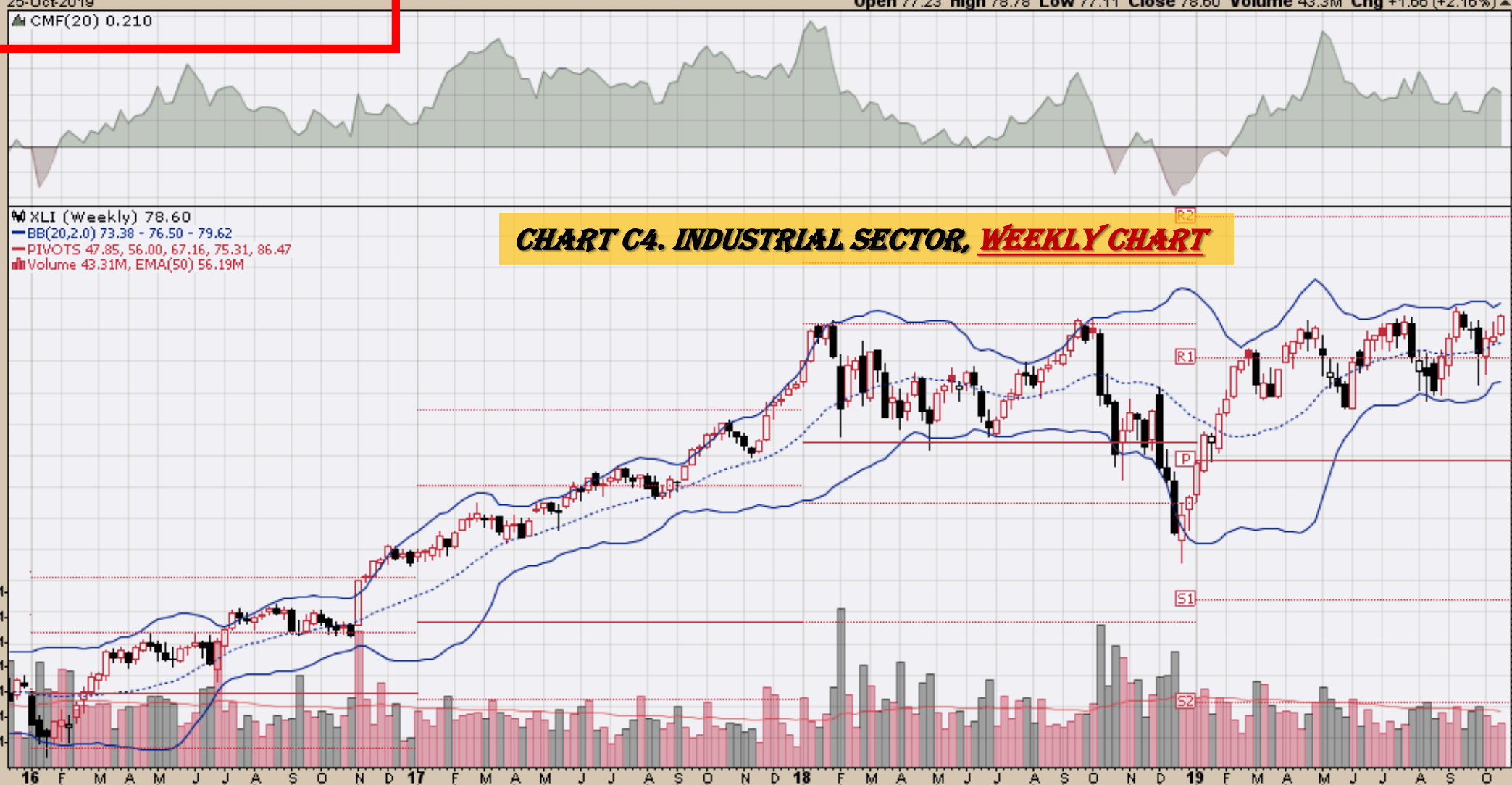


CHART C4. INDUSTRIAL SECTOR, WEEKLY CHART

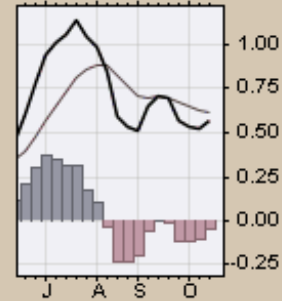
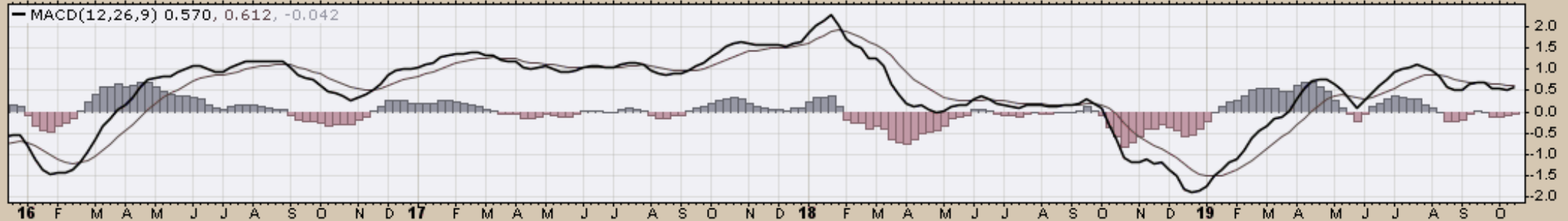
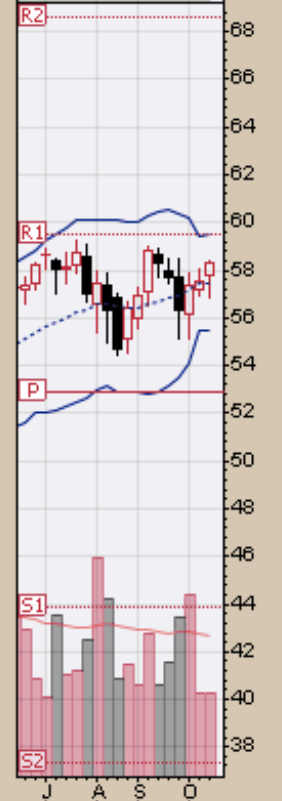
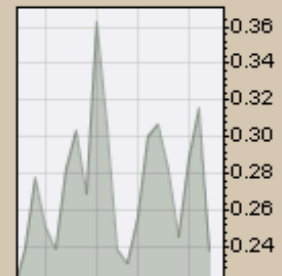
XLI (Weekly) 78.60
BB(20,2.0) 73.38 - 76.50 - 79.62
PIVOTS 47.85, 56.00, 67.16, 75.31, 86.47
Volume 43.31M, EMA(50) 56.19M



▲ CMF(20) 0.238

▲ XLB (Weekly) 58.26
— BB(20,2,0) 55.49 - 57.48 - 59.47
— PIVOTS 37.31, 43.90, 52.93, 59.53, 68.56
■ Volume 19.78M, EMA(50) 33.06M

CHART C5. MATERIALS SECTOR, WEEKLY CHART



▲ CMF(20) 0.003

XLE (Weekly) 59.52
— BB(20,2,0) 54.96 - 59.78 - 64.60
— PIVOTS 38.34, 48.33, 61.99, 71.99, 85.64
■ Volume 68.53M, EMA(50) 73.75M

CHART C6. ENERGY SECTOR, WEEKLY CHART

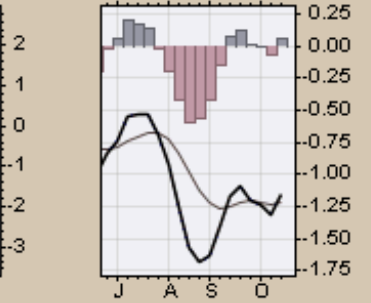
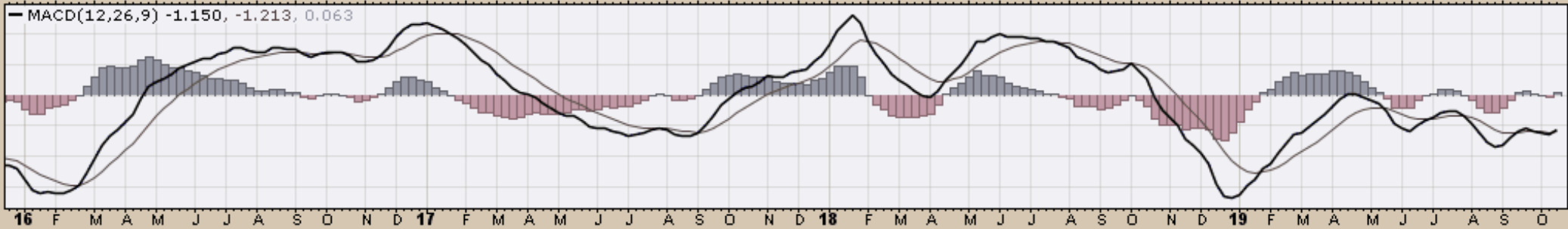


CHART C7. UTILITIES SECTOR, WEEKLY CHART

XLU (Weekly) 64.16
BB(20,2,0) 57.92 - 61.67 - 65.42
PIVOTS 39.91, 45.74, 50.57, 56.40, 61.23
Volume 68.62M, EMA(50) 84.57M

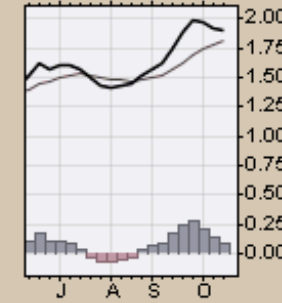
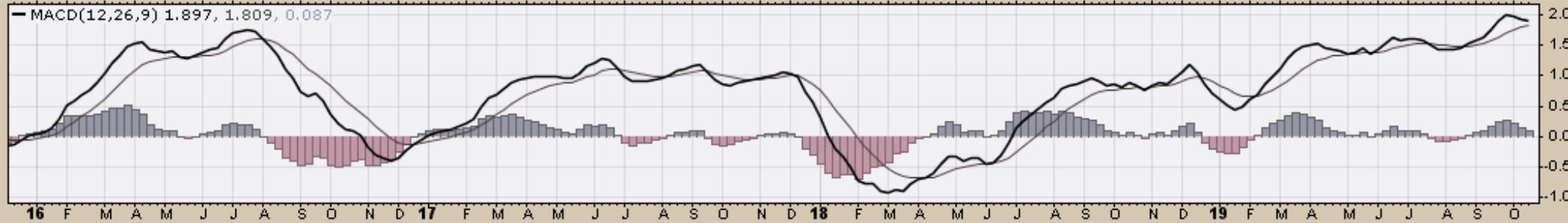
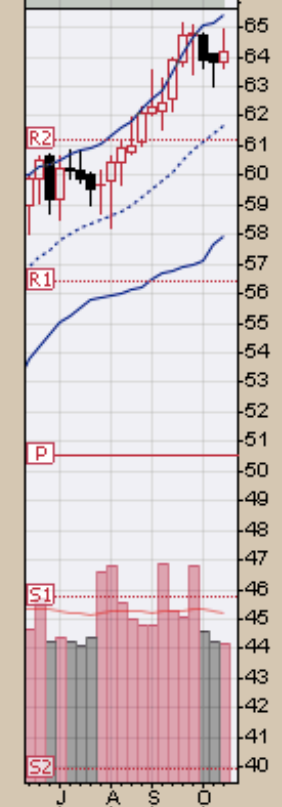
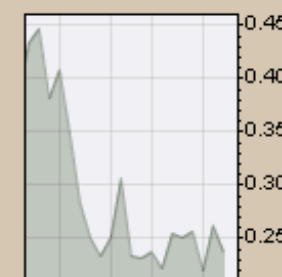
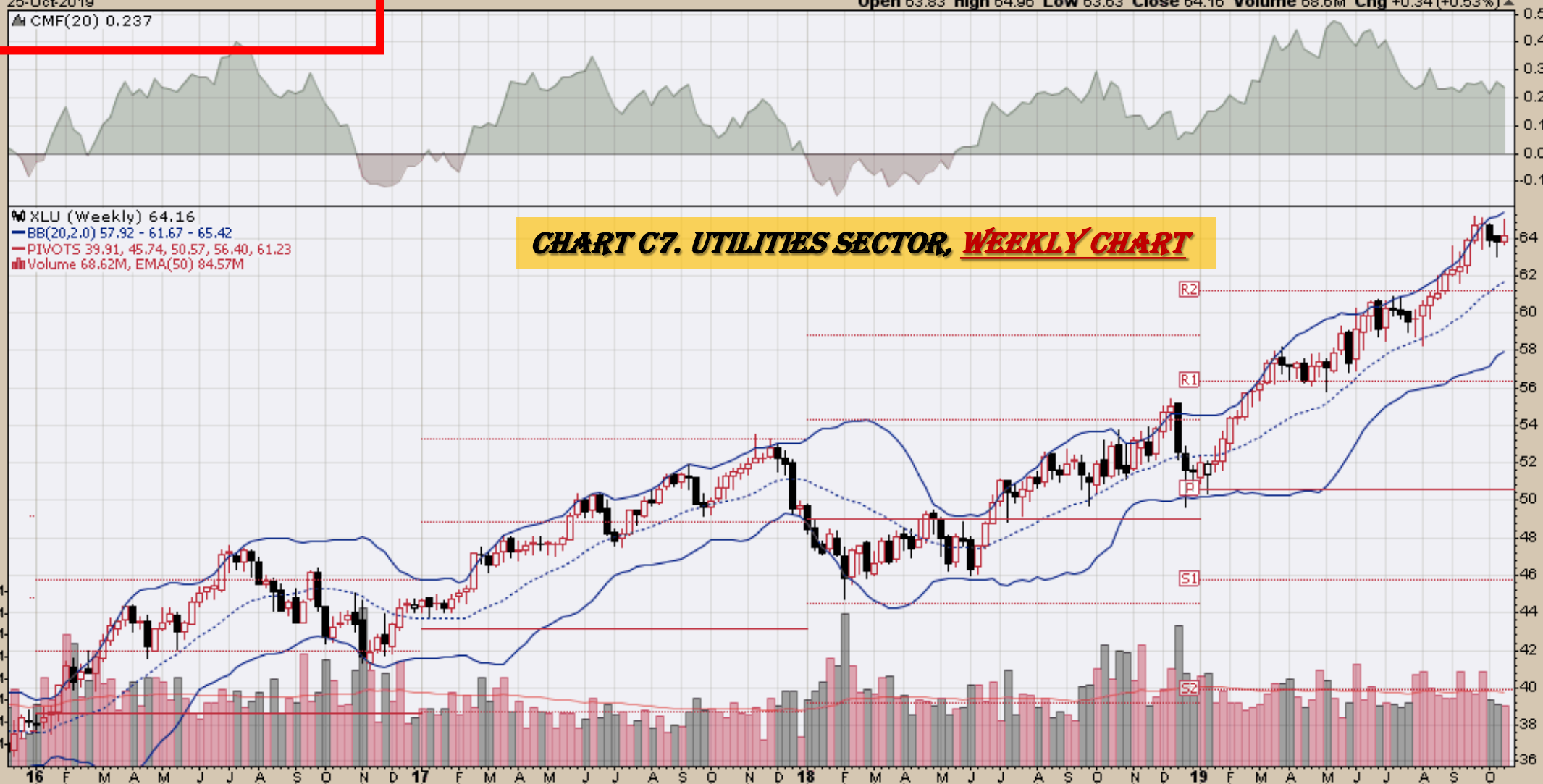
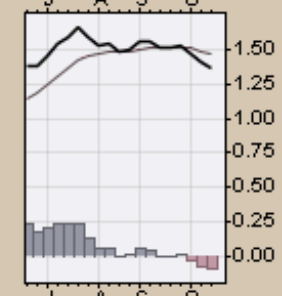
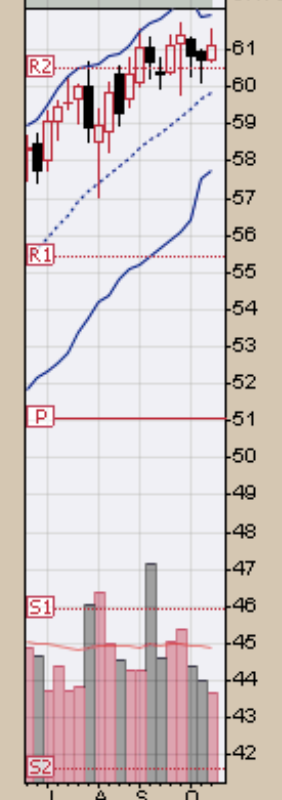
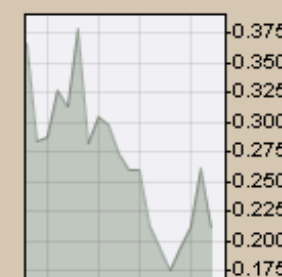
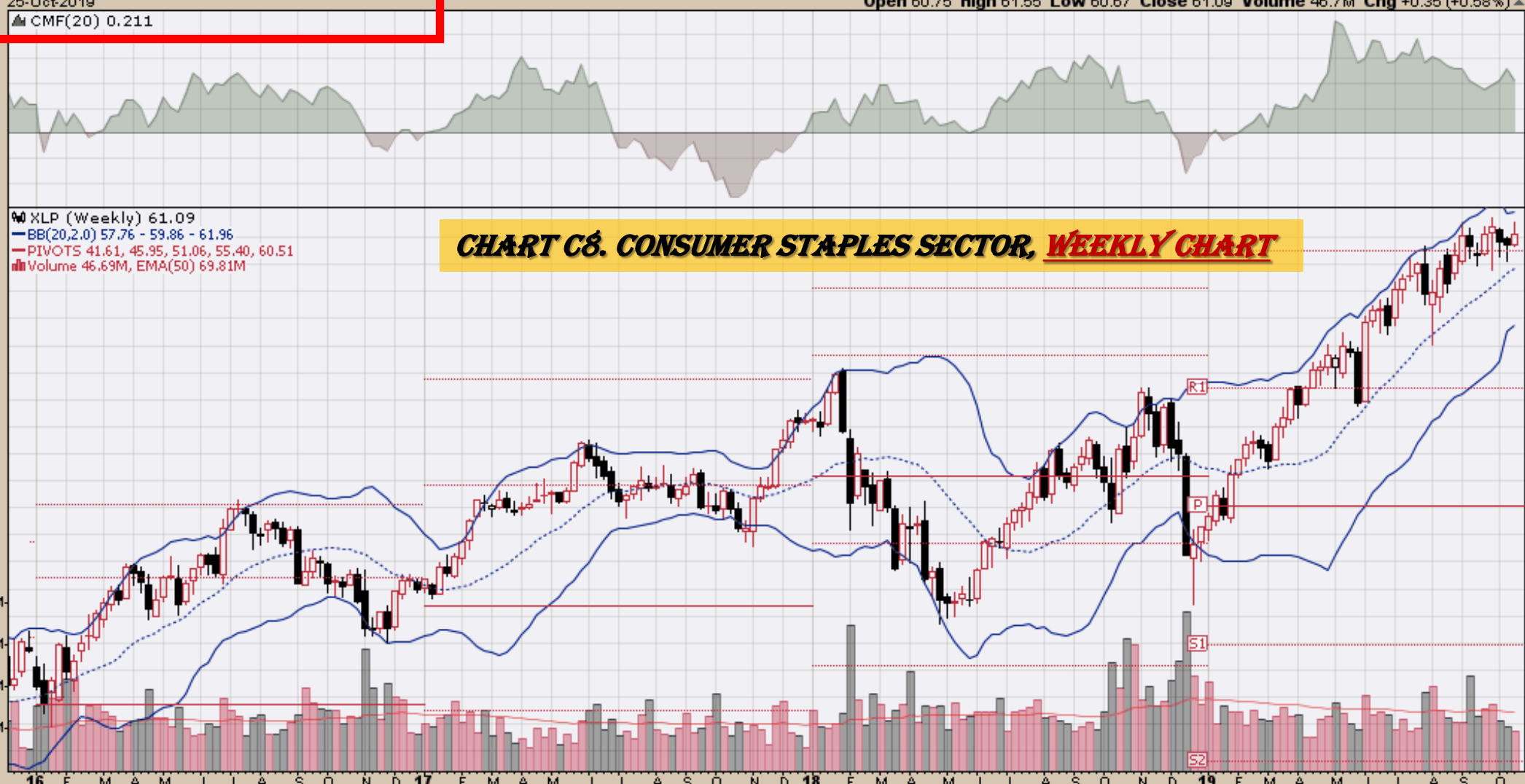


CHART C8. CONSUMER STAPLES SECTOR, WEEKLY CHART

XLP (Weekly) 61.09
BB(20,2,0) 57.76 - 59.86 - 61.96
PIVOTS 41.61, 45.95, 51.06, 55.40, 60.51
Volume 46.69M, EMA(50) 69.81M



MACD(12,26,9) 1.367, 1.463, -0.096

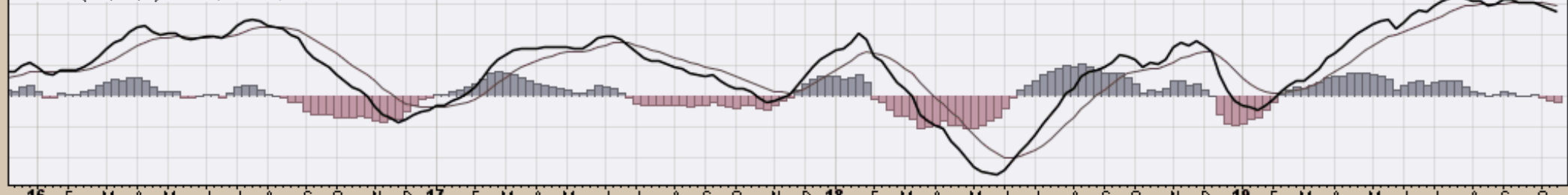
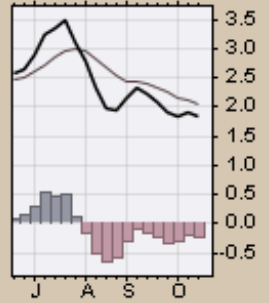
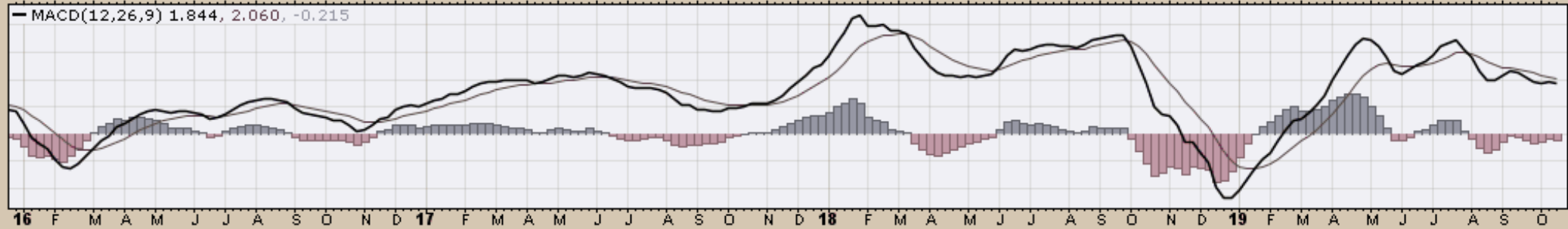
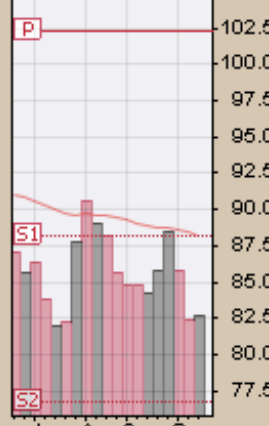
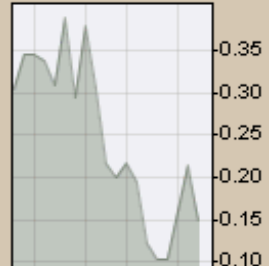
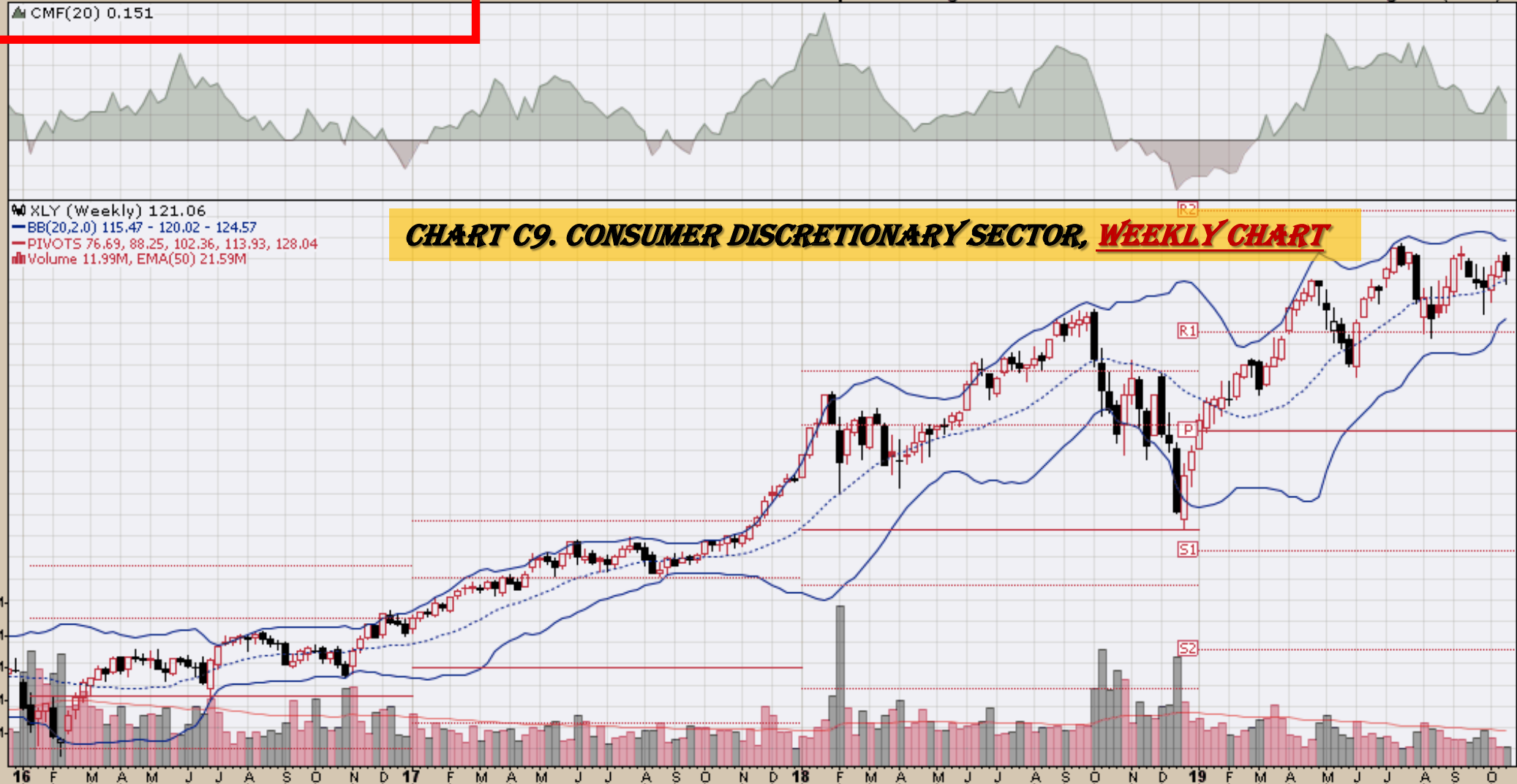


CHART C9. CONSUMER DISCRETIONARY SECTOR, WEEKLY CHART

XLY (Weekly) 121.06
— BB(20,2,0) 115.47 - 120.02 - 124.57
— PIVOTS 76.69, 88.25, 102.36, 113.93, 128.04
■ Volume 11.99M, EMA(50) 21.59M



End