



Trading System Documentation

This document compiles the core components, analytics, numerical guidelines, and long-term divergence strategy of your SPX/SPY-focused trading system. It is structured for use as both a quick reference and input for an AI-driven copilot for automation and analytical assistance.

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[The detailed sections provided previously are included here, unchanged, from sections 1 through 7.]

1. Phase Oscillator Information & Divergence Strategy

8.1 Anatomy and Usage

The Phase Oscillator combines three normalized momentum indicators into one: - Fast RSI (6) minus Slow RSI (14) - MACD Histogram (12/26/9) - Stochastic %K (14,3)

Key Zones: - Overbought: $> +60$ - Neutral: $-60 \rightarrow +60$ - Oversold: < -60

Signal types: - Zero-Line Crosses - Divergence Tags

8.2 Divergence Types and Importance - Bullish Divergence: Price lower low; Oscillator higher low - Bearish Divergence: Price higher high; Oscillator lower high - Hidden (Continuation) Divergence: Indicating continuation of existing trends

Divergences are strongest near key ATR pivots and exhaustion points, especially beneficial in range-bound or trend reversal situations.

8.3 Concrete Confirmation Rules (Intraday & EOD)

Normal Session (3→10→30→Hourly) - 3 min divergence spotted and confirmed on bar close. - Confirm on 10 min oscillator and ribbon direction. - Validate 30 min trend and ATR proximity. - Ensure hourly chart isn't strongly counter-trend.

End-of-Day Sessions (1→3 min) - Quick divergence confirmation on 1 min. - Immediate follow-up confirmation on 3 min timeframe. - Execute on micro-breakouts or ribbon squeeze releases.

8.4 Long-Term Divergence Strategy (Hourly, 4H, Daily, Weekly)

For extended swings and positional trades: - Hourly: Short-term (intraday to two days) - 4-Hour: Intermediate (1-5 days) - Daily: Swing trades (3-10 days) - Weekly: Multi-week/monthly bias shifts

Long-term divergence workflow: 1. Identify divergence clearly at close on signal timeframe. 2. Confirm on next higher timeframe. 3. Cross-check with broader (monthly or weekly) context. 4. Enter on lower timeframe pullbacks or micro-flags post-confirmation.

Trade Implementation: - Entry: At lower timeframe confirmations. - Stop: Beyond divergence extremes or ribbon clouds. - Targets: Higher timeframe ATR pivots or Fibonacci levels.

Tracking & Alerts: - Integrate into Cursor or AI workflow to auto-alert on extreme Phase Oscillator values and pivot points for higher timeframes.

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1. References
 2. satylive ATR indicator
 3. Historical SPX GG data (Discord "tesrak")
 4. ATR and GG probabilities

End of Documentation