

# Forensic Day Report — 2026-07-16

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**Session verdict:** Paper trades: **2** · Premarket confirmed: **0** · Primary blocker: **No blocker — trades taken**  
FN decisions: 350 · FN entered: 0 · Scanner gaps: 78 · Intraday opportunity windows: 185

## 1. Stored data inventory

| Metric                   | Count |
|--------------------------|-------|
| premarket_review_runs    | 1     |
| premarket_setups         | 11    |
| raw_news_events          | 492   |
| trade_decisions          | 416   |
| trade_decisions_enter    | 3     |
| trade_decisions_reject   | 414   |
| trade_signals            | 4     |
| chat_expected_trades     | 0     |
| premium_snapshots        | 35    |
| slippage_records         | 2     |
| underlying_minute_bars   | 17536 |
| trade_factor_snapshots   | 414   |
| tracking_events_learning | 414   |
| paper_simulated_orders   | 4     |

## 2. Premarket setups + intraday replay

| Rank | Ticker | Dir  | Monitor                   | Replay windows | Block module            |
|------|--------|------|---------------------------|----------------|-------------------------|
| 1    | MU     | CALL | reject_vwap_confirmed     | 6              | options_scan_or_handoff |
| 2    | INTC   | CALL | reject_vwap_confirmed     | 4              | none                    |
| 3    | SMH    | CALL | watching                  | 9              | none                    |
| 4    | SOXX   | CALL | pending_vwap_confirmation | 6              | options_scan_or_handoff |
| 5    | WDC    | CALL | watching                  | 9              | options_scan_or_handoff |
| 6    | AAPL   | CALL | watching                  | 27             | none                    |
| 7    | XLE    | PUT  | reject_vwap_confirmed     | 16             | options_scan_or_handoff |
| 8    | USO    | PUT  | watching                  | 35             | options_scan_or_handoff |
| 9    | NVDA   | PUT  | watching                  | 28             | options_scan_or_handoff |
| 10   | COIN   | CALL | watching                  | 24             | options_scan_or_handoff |
| 11   | NOW    | CALL | watching                  | 21             | options_scan_or_handoff |

### 3. Fast News missed review

News events: 492 · Decisions: 350 · Missed high severity: 142

### 4. News terminal states

| State               | Count |
|---------------------|-------|
| WATCHLIST_ONLY      | 40    |
| LOW_IMPACT_REJECTED | 340   |
| MANUAL_REVIEW       | 23    |
| DUPLICATE_LINKED    | 10    |
| SCANNER_GAP_ERROR   | 78    |

### 5. Scanner gaps (severity ≥ threshold, no terminal decision)

| Ticker | Headline                                                                                             | Severity | Terminal          |
|--------|------------------------------------------------------------------------------------------------------|----------|-------------------|
| WELLS  | Wells Fargo Maintains Equal-Weight on Domino's Pizza, Lowers Price Target to \$325                   | 9.00     | SCANNER_GAP_ERROR |
| MSTR   | Trump's Address to the Nation: Prediction Markets Say China, Stolen Election Claims...and no Bitcoin | 9.00     | SCANNER_GAP_ERROR |
| BUY    | Stifel Maintains Buy on Celsius Holdings, Lowers Price Target to \$45                                | 9.00     | SCANNER_GAP_ERROR |
| WELLS  | Wells Fargo Maintains Overweight on Brinker International, Raises Price Target to \$220              | 9.00     | SCANNER_GAP_ERROR |
| MRVL   | What's Going on With Marvell Technology Stock Thursday?                                              | 9.00     | SCANNER_GAP_ERROR |
| WELLS  | Wells Fargo Maintains Equal-Weight on Wyndham Hotels & Resorts, Raises Price Target to \$98          | 9.00     | SCANNER_GAP_ERROR |
| TWIN   | What's Going on With Twin Vee PowerCats Stock Thursday?                                              | 9.00     | SCANNER_GAP_ERROR |
| COCA   | Here's How Much \$1000 Invested In Coca-Cola Consolidated 15 Years Ago Would Be Worth Today          | 9.00     | SCANNER_GAP_ERROR |
| WELLS  | Wells Fargo Maintains Overweight on Marriott International, Raises Price Target to \$449             | 9.00     | SCANNER_GAP_ERROR |
| HC     | HC Wainwright & Co. Reiterates Buy on Alpha Tau Medical, Maintains \$15 Price Target                 | 9.00     | SCANNER_GAP_ERROR |
| MEETS  | Robinhood Stock in Focus as Potential Bond Sale Meets Bullish Analyst Activity, Mixed Technicals     | 9.00     | SCANNER_GAP_ERROR |
| WELLS  | Wells Fargo Maintains Equal-Weight on Hyatt Hotels, Raises Price Target to \$186                     | 9.00     | SCANNER_GAP_ERROR |
| GREEN  | Green Circle Decarbonize Technology Shares Halted, News Pending                                      | 10.00    | SCANNER_GAP_ERROR |
| WELLS  | Wells Fargo Maintains Overweight on Hilton Worldwide Holdings, Raises Price Target to \$379          | 9.00     | SCANNER_GAP_ERROR |
| OTHER  | Abbott Laboratories, AtaiBeckley, ManpowerGroup And Other Big Stocks Moving Higher On Thursday       | 9.00     | SCANNER_GAP_ERROR |

### 6. Per-ticker lifecycle timelines

MU — 6 window(s) · 313 bars · 7 VWAP crosses

| Stage             | Module                   | Status | Detail                       |
|-------------------|--------------------------|--------|------------------------------|
| WATCHING          | premarket_monitor        | info   | Setup on watchlist           |
| MONITOR_pending   | premarket_monitor_replay | info   | Replay: pending @ 09:30:00   |
| MONITOR_watching  | premarket_monitor_replay | info   | Replay: watching @ 09:30:00  |
| MONITOR_confirmed | premarket_monitor_replay | pass   | Replay: confirmed @ 10:00:00 |

| Stage                             | Module                   | Status | Detail                                                                                                                   |
|-----------------------------------|--------------------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:21:00                                                                                           |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:02:00                                                                                             |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 11:03:00                                                                                           |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 14:24:00                                                                                             |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 14:25:00                                                                             |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 14:28:00                                                                                           |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 14:42:00                                                                                           |
| NEWS_RECEIVED                     | news_pipeline            | info   | Grifols Doses First Participants In Two Separate Phase 3 Studies To Expand U.S. Labels For Its GAMUNEX-C, XEMBIFY Subcut |
| NEWS_RECEIVED                     | news_pipeline            | info   | 'US lawmakers urge Trump administration to ban Chinese memory chips' - Financial Times                                   |
| NEWS_RECEIVED                     | news_pipeline            | info   | Micron Technology Enters Strategic Customer Agreements With Tier 1 Suppliers In The Global Automotive Industry Including |
| NEWS_RECEIVED                     | news_pipeline            | info   | Semiconductor Stocks' Worst Slump in Over a Year — Are Chips Now Cheap Enough?                                           |
| NEWS_RECEIVED                     | news_pipeline            | info   | CNBC Halftime Report Final Trades: Apple, Rocket Companies, Micron Technology, iShares U.S. Transportation ETF           |
| NEWS_RECEIVED                     | news_pipeline            | info   | 10 Information Technology Stocks Whale Activity In Today's Session                                                       |
| FIRST_INTRADAY_CONFIRMATION       | strategy_rules           | pass   | VWAP/OR aligned window                                                                                                   |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                                                                   |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                                                                   |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                                                                   |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                                                                   |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                                                                   |
| OPTION_SELECTED                   | options_scan             | fail   | No option contract selected                                                                                              |
| PREMIUM_SNAPSHOT                  | premium_capture          | warn   | No stored premium snapshots for ticker                                                                                   |
| PAPER_ENTER                       | paper_trader             | fail   | No paper entry recorded                                                                                                  |
| LEARNING                          | learning_engine          | info   | Trade factor snapshot recorded                                                                                           |
| EOD_SNAPSHOT                      | forensic_diagnosis       | fail   | EOD not aligned — intraday windows may differ                                                                            |

#### INTC — 4 window(s) · 314 bars · 4 VWAP crosses

| Stage             | Module                   | Status | Detail                       |
|-------------------|--------------------------|--------|------------------------------|
| WATCHING          | premarket_monitor        | info   | Setup on watchlist           |
| MONITOR_pending   | premarket_monitor_replay | info   | Replay: pending @ 09:30:00   |
| MONITOR_watching  | premarket_monitor_replay | info   | Replay: watching @ 09:30:00  |
| MONITOR_confirmed | premarket_monitor_replay | pass   | Replay: confirmed @ 09:59:00 |

| Stage                       | Module                   | Status | Detail                                                                                                                   |
|-----------------------------|--------------------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| MONITOR_reject_vwap         | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:31:00                                                                                           |
| MONITOR_confirmed           | premarket_monitor_replay | pass   | Replay: confirmed @ 10:32:00                                                                                             |
| MONITOR_reject_vwap         | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:38:00                                                                                           |
| MONITOR_reject_vwap         | premarket_monitor_replay | fail   | Replay: reject_vwap @ 14:43:00                                                                                           |
| NEWS_RECEIVED               | news_pipeline            | info   | Wolfe Research Downgrades Intellia Therapeutics to Underperform, Announces \$9 Price Target                              |
| NEWS_RECEIVED               | news_pipeline            | info   | Jim Cramer Says ASML Rally Reflects AI Market 'Mood' as Shay Bolor Calls ASML the 'Toll Road' of the AI Revolution       |
| NEWS_RECEIVED               | news_pipeline            | info   | Trump Media & Technology Launches Truth API Data Feed That Gives Licensed, Real-Time Access To Posts From Top Truth Soci |
| NEWS_RECEIVED               | news_pipeline            | info   | What's Going on With Intel Stock Thursday?                                                                               |
| NEWS_RECEIVED               | news_pipeline            | info   | Semiconductor Stocks' Worst Slump in Over a Year — Are Chips Now Cheap Enough?                                           |
| NEWS_RECEIVED               | news_pipeline            | info   | Susquehanna Maintains Positive on Taiwan Semiconductor, Raises Price Target to \$600                                     |
| NEWS_RECEIVED               | news_pipeline            | info   | Susquehanna Maintains Neutral on Intel, Raises Price Target to \$115                                                     |
| NEWS_RECEIVED               | news_pipeline            | info   | TSMC's 68% Margins Show Why Intel's Foundry Turnaround Won't Be Easy                                                     |
| NEWS_RECEIVED               | news_pipeline            | info   | Taiwan Semiconductor Reports Q2 2026 Results: Full Earnings Call Transcript                                              |
| NEWS_RECEIVED               | news_pipeline            | info   | Intel, GoogleCloud Collaborate To Drive Intel's Enterprise AI Transformation                                             |
| FIRST_INTRADAY_CONFIRMATION | strategy_rules           | pass   | VWAP/OR aligned window                                                                                                   |
| OPPORTUNITY_WINDOW          | strategy_rules           | pass   | VWAP/OR aligned window                                                                                                   |
| OPPORTUNITY_WINDOW          | strategy_rules           | pass   | VWAP/OR aligned window                                                                                                   |
| OPPORTUNITY_WINDOW          | strategy_rules           | pass   | VWAP/OR aligned window                                                                                                   |
| OPTION_SELECTED             | options_scan             | pass   | Contract on ENTRY signal                                                                                                 |
| PREMIUM_SNAPSHOT            | premium_capture          | pass   | Stored option quotes available                                                                                           |
| PAPER_ENTER                 | paper_trader             | pass   | ENTRY signal recorded                                                                                                    |
| EXIT                        | paper_trader             | pass   | Position closed                                                                                                          |
| LEARNING                    | learning_engine          | info   | Trade factor snapshot recorded                                                                                           |
| EOD_SNAPSHOT                | forensic_diagnosis       | fail   | EOD not aligned — intraday windows may differ                                                                            |

**SMH — 9 window(s) · 314 bars · 9 VWAP crosses**

| Stage               | Module                   | Status | Detail                         |
|---------------------|--------------------------|--------|--------------------------------|
| WATCHING            | premarket_monitor        | info   | Setup on watchlist             |
| MONITOR_pending     | premarket_monitor_replay | info   | Replay: pending @ 09:30:00     |
| MONITOR_watching    | premarket_monitor_replay | info   | Replay: watching @ 09:30:00    |
| MONITOR_confirmed   | premarket_monitor_replay | pass   | Replay: confirmed @ 10:00:00   |
| MONITOR_reject_vwap | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:40:00 |

| Stage                       | Module                   | Status | Detail                                                                                                |
|-----------------------------|--------------------------|--------|-------------------------------------------------------------------------------------------------------|
| MONITOR_confirmed           | premarket_monitor_replay | pass   | Replay: confirmed @ 10:41:00                                                                          |
| MONITOR_reject_vwap         | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:42:00                                                                        |
| MONITOR_confirmed           | premarket_monitor_replay | pass   | Replay: confirmed @ 10:43:00                                                                          |
| MONITOR_reject_vwap         | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:47:00                                                                        |
| MONITOR_confirmed           | premarket_monitor_replay | pass   | Replay: confirmed @ 11:00:00                                                                          |
| MONITOR_reject_vwap         | premarket_monitor_replay | fail   | Replay: reject_vwap @ 11:01:00                                                                        |
| MONITOR_reject_vwap         | premarket_monitor_replay | fail   | Replay: reject_vwap @ 14:43:00                                                                        |
| NEWS_RECEIVED               | news_pipeline            | info   | If You Invested \$1000 In VanEck Semiconductor ETF Stock 15 Years Ago, You Would Have This Much Today |
| NEWS_RECEIVED               | news_pipeline            | info   | What's Going on With Intel Stock Thursday?                                                            |
| FIRST_INTRADAY_CONFIRMATION | strategy_rules           | pass   | VWAP/OR aligned window                                                                                |
| OPPORTUNITY_WINDOW          | strategy_rules           | pass   | VWAP/OR aligned window                                                                                |
| OPPORTUNITY_WINDOW          | strategy_rules           | pass   | VWAP/OR aligned window                                                                                |
| OPPORTUNITY_WINDOW          | strategy_rules           | pass   | VWAP/OR aligned window                                                                                |
| OPPORTUNITY_WINDOW          | strategy_rules           | pass   | VWAP/OR aligned window                                                                                |
| OPPORTUNITY_WINDOW          | strategy_rules           | pass   | VWAP/OR aligned window                                                                                |
| OPPORTUNITY_WINDOW          | strategy_rules           | pass   | VWAP/OR aligned window                                                                                |
| OPPORTUNITY_WINDOW          | strategy_rules           | pass   | VWAP/OR aligned window                                                                                |
| OPPORTUNITY_WINDOW          | strategy_rules           | pass   | VWAP/OR aligned window                                                                                |
| OPPORTUNITY_WINDOW          | strategy_rules           | pass   | VWAP/OR aligned window                                                                                |
| OPTION_SELECTED             | options_scan             | fail   | No option contract selected                                                                           |
| PREMIUM_SNAPSHOT            | premium_capture          | warn   | No stored premium snapshots for ticker                                                                |
| PAPER_ENTER                 | paper_trader             | pass   | Entry decision recorded (no fill signal yet)                                                          |
| LEARNING                    | learning_engine          | info   | Trade factor snapshot recorded                                                                        |
| EOD_SNAPSHOT                | forensic_diagnosis       | fail   | EOD not aligned — intraday windows may differ                                                         |

#### SOXX — 6 window(s) · 314 bars · 9 VWAP crosses

| Stage               | Module                   | Status | Detail                         |
|---------------------|--------------------------|--------|--------------------------------|
| WATCHING            | premarket_monitor        | info   | Setup on watchlist             |
| MONITOR_pending     | premarket_monitor_replay | info   | Replay: pending @ 09:30:00     |
| MONITOR_watching    | premarket_monitor_replay | info   | Replay: watching @ 09:30:00    |
| MONITOR_confirmed   | premarket_monitor_replay | pass   | Replay: confirmed @ 10:00:00   |
| MONITOR_reject_vwap | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:21:00 |
| MONITOR_confirmed   | premarket_monitor_replay | pass   | Replay: confirmed @ 10:26:00   |
| MONITOR_reject_vwap | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:31:00 |
| MONITOR_confirmed   | premarket_monitor_replay | pass   | Replay: confirmed @ 10:32:00   |
| MONITOR_reject_vwap | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:39:00 |



| Stage              | Module             | Status | Detail                                        |
|--------------------|--------------------|--------|-----------------------------------------------|
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPTION_SELECTED    | options_scan       | fail   | No option contract selected                   |
| PREMIUM_SNAPSHOT   | premium_capture    | warn   | No stored premium snapshots for ticker        |
| PAPER_ENTER        | paper_trader       | fail   | No paper entry recorded                       |
| LEARNING           | learning_engine    | info   | Trade factor snapshot recorded                |
| EOD_SNAPSHOT       | forensic_diagnosis | fail   | EOD not aligned — intraday windows may differ |

#### AAPL — 27 window(s) · 314 bars · 11 VWAP crosses

| Stage                             | Module                   | Status | Detail                                       |
|-----------------------------------|--------------------------|--------|----------------------------------------------|
| WATCHING                          | premarket_monitor        | info   | Setup on watchlist                           |
| MONITOR_pending                   | premarket_monitor_replay | info   | Replay: pending @ 09:30:00                   |
| MONITOR_watching                  | premarket_monitor_replay | info   | Replay: watching @ 09:30:00                  |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 09:45:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 09:49:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 09:52:00                 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:06:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:16:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:00:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:03:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:08:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:12:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:22:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:25:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:30:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:34:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:41:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:45:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:54:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:57:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 12:07:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:10:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 12:16:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:19:00                 |



| Stage                       | Module         | Status | Detail                                                                                                     |
|-----------------------------|----------------|--------|------------------------------------------------------------------------------------------------------------|
| NEWS_RECEIVED               | news_pipeline  | info   | Jim Cramer Blames SK Hynix Chaos for TSMC Fall Despite 'Insanely Good' Q2 Earnings: 'A Casino of Emotions' |
| NEWS_RECEIVED               | news_pipeline  | info   | 'Apple Readies OLED iPad Mini, With Low-End and Air Updates Coming in 2027' - Bloomberg                    |
| NEWS_RECEIVED               | news_pipeline  | info   | TSMC's 68% Margins Show Why Intel's Foundry Turnaround Won't Be Easy                                       |
| NEWS_RECEIVED               | news_pipeline  | info   | 10 Information Technology Stocks Whale Activity In Today's Session                                         |
| NEWS_RECEIVED               | news_pipeline  | info   | Korea Drives Semi Stocks Lower Despite Solid Taiwan Semi Earnings; Apple Boosts China AI Models            |
| FIRST_INTRADAY_CONFIRMATION | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPPORTUNITY_WINDOW          | strategy_rules | pass   | VWAP/OR aligned window                                                                                     |
| OPTION_SELECTED             | options_scan   | pass   | Contract on ENTRY signal                                                                                   |

| Stage            | Module             | Status | Detail                           |
|------------------|--------------------|--------|----------------------------------|
| PREMIUM_SNAPSHOT | premium_capture    | pass   | Stored option quotes available   |
| PAPER_ENTER      | paper_trader       | pass   | ENTRY signal recorded            |
| EXIT             | paper_trader       | pass   | Position closed                  |
| LEARNING         | learning_engine    | info   | Trade factor snapshot recorded   |
| EOD_SNAPSHOT     | forensic_diagnosis | pass   | EOD still aligned with direction |

**XLE — 16 window(s) · 313 bars · 13 VWAP crosses**

| Stage                             | Module                   | Status | Detail                                       |
|-----------------------------------|--------------------------|--------|----------------------------------------------|
| WATCHING                          | premarket_monitor        | info   | Setup on watchlist                           |
| MONITOR_pending                   | premarket_monitor_replay | info   | Replay: pending @ 09:30:00                   |
| MONITOR_watching                  | premarket_monitor_replay | info   | Replay: watching @ 09:30:00                  |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:36:00                 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:41:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:43:00                 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:50:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:35:00                 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 11:41:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:52:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:54:00 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 11:55:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:40:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 12:45:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:48:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 12:56:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:59:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 13:06:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 13:09:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 13:15:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 13:18:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 13:24:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 13:27:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 13:35:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 13:38:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 13:42:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 13:45:00                 |

| Stage                             | Module                   | Status | Detail                                                                            |
|-----------------------------------|--------------------------|--------|-----------------------------------------------------------------------------------|
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 13:51:00                                      |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 13:54:00                                                      |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 14:00:00                                      |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 14:03:00                                                      |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 14:08:00                                                    |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 14:42:00                                                    |
| NEWS_RECEIVED                     | news_pipeline            | info   | Memory-Chip Selloff Drags Nasdaq 100 Lower, SanDisk Sinks 13%: Stock Market Today |
| NEWS_RECEIVED                     | news_pipeline            | info   | Leading And Lagging Sectors For July 16, 2026                                     |
| FIRST_INTRADAY_CONFIRMATION       | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPPORTUNITY_WINDOW                | strategy_rules           | pass   | VWAP/OR aligned window                                                            |
| OPTION_SELECTED                   | options_scan             | fail   | No option contract selected                                                       |
| PREMIUM_SNAPSHOT                  | premium_capture          | warn   | No stored premium snapshots for ticker                                            |
| PAPER_ENTER                       | paper_trader             | fail   | No paper entry recorded                                                           |
| LEARNING                          | learning_engine          | info   | Trade factor snapshot recorded                                                    |
| EOD_SNAPSHOT                      | forensic_diagnosis       | fail   | EOD not aligned — intraday windows may differ                                     |

**USO — 35 window(s) · 314 bars · 8 VWAP crosses**

| Stage            | Module                   | Status | Detail                      |
|------------------|--------------------------|--------|-----------------------------|
| WATCHING         | premarket_monitor        | info   | Setup on watchlist          |
| MONITOR_pending  | premarket_monitor_replay | info   | Replay: pending @ 09:30:00  |
| MONITOR_watching | premarket_monitor_replay | info   | Replay: watching @ 09:30:00 |

| Stage                             | Module                   | Status | Detail                                       |
|-----------------------------------|--------------------------|--------|----------------------------------------------|
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 09:45:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 09:50:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 09:53:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 09:58:00 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 09:59:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:00:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 10:01:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:04:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 10:09:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:12:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 10:15:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:18:00                 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:22:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:29:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 10:38:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:41:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 10:49:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:52:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:00:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:03:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:11:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:14:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:23:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:26:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:31:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:35:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:42:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:46:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:55:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:58:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 12:07:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:10:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 12:16:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:19:00                 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 12:20:00               |

| Stage                             | Module                   | Status | Detail                                                                     |
|-----------------------------------|--------------------------|--------|----------------------------------------------------------------------------|
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:21:00                                               |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 12:26:00                               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:29:00                                               |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 12:36:00                               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:39:00                                               |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 12:46:00                               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:49:00                                               |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 12:56:00                               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:59:00                                               |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 13:06:00                               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 13:09:00                                               |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 13:15:00                               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 13:18:00                                               |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 13:24:00                               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 13:27:00                                               |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 13:35:00                               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 13:38:00                                               |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 13:42:00                               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 13:45:00                                               |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 13:52:00                               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 13:55:00                                               |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 14:01:00                               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 14:04:00                                               |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 14:10:00                               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 14:13:00                                               |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 14:18:00                               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 14:21:00                                               |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 14:26:00                               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 14:29:00                                               |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 14:35:00                               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 14:38:00                                               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 14:43:00                                               |
| NEWS_RECEIVED                     | news_pipeline            | info   | 'Iraq Pauses Basrah Oil Loadings After Drone Attack on Tanker' - Bloomberg |

[illegible]

| Stage              | Module             | Status | Detail                                 |
|--------------------|--------------------|--------|----------------------------------------|
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                 |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                 |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                 |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                 |
| OPTION_SELECTED    | options_scan       | fail   | No option contract selected            |
| PREMIUM_SNAPSHOT   | premium_capture    | warn   | No stored premium snapshots for ticker |
| PAPER_ENTER        | paper_trader       | fail   | No paper entry recorded                |
| LEARNING           | learning_engine    | info   | Trade factor snapshot recorded         |
| EOD_SNAPSHOT       | forensic_diagnosis | pass   | EOD still aligned with direction       |

#### NVDA — 28 window(s) · 314 bars · 13 VWAP crosses

| Stage                             | Module                   | Status | Detail                                       |
|-----------------------------------|--------------------------|--------|----------------------------------------------|
| WATCHING                          | premarket_monitor        | info   | Setup on watchlist                           |
| MONITOR_pending                   | premarket_monitor_replay | info   | Replay: pending @ 09:30:00                   |
| MONITOR_watching                  | premarket_monitor_replay | info   | Replay: watching @ 09:30:00                  |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 09:45:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 09:54:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 09:57:00                 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:14:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:20:00                 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:27:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:31:00                 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:32:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:39:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 10:43:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:46:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 10:56:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:59:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:05:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:08:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:16:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:19:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:27:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:30:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:38:00 |

| Stage                             | Module                   | Status | Detail                                       |
|-----------------------------------|--------------------------|--------|----------------------------------------------|
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:41:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:50:00 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 11:51:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:53:00                 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 12:01:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:04:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 12:12:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:15:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 12:21:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:24:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 12:30:00 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 12:32:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:34:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 12:41:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:44:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 12:51:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:54:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 13:11:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 13:14:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 13:20:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 13:23:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 13:29:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 13:32:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 13:47:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 13:50:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 13:56:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 13:59:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 14:06:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 14:09:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 14:31:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 14:34:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 14:40:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 14:43:00                 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 14:43:00                 |

[illegible]

| Stage              | Module             | Status | Detail                                 |
|--------------------|--------------------|--------|----------------------------------------|
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                 |
| OPTION_SELECTED    | options_scan       | fail   | No option contract selected            |
| PREMIUM_SNAPSHOT   | premium_capture    | warn   | No stored premium snapshots for ticker |
| PAPER_ENTER        | paper_trader       | fail   | No paper entry recorded                |
| LEARNING           | learning_engine    | info   | Trade factor snapshot recorded         |
| EOD_SNAPSHOT       | forensic_diagnosis | pass   | EOD still aligned with direction       |

**COIN — 24 window(s) · 314 bars · 20 VWAP crosses**

| Stage                             | Module                   | Status | Detail                                       |
|-----------------------------------|--------------------------|--------|----------------------------------------------|
| WATCHING                          | premarket_monitor        | info   | Setup on watchlist                           |
| MONITOR_pending                   | premarket_monitor_replay | info   | Replay: pending @ 09:30:00                   |
| MONITOR_watching                  | premarket_monitor_replay | info   | Replay: watching @ 09:30:00                  |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:00:00                 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:02:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:06:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 10:30:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:33:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 10:44:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:47:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 10:56:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:59:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:05:00 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 11:08:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:09:00                 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 11:12:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:14:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:16:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:19:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:27:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:30:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:38:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:41:00                 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 11:46:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:49:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 11:50:00 |

[illegible]

| Stage              | Module             | Status | Detail                                        |
|--------------------|--------------------|--------|-----------------------------------------------|
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                        |
| OPTION_SELECTED    | options_scan       | fail   | No option contract selected                   |
| PREMIUM_SNAPSHOT   | premium_capture    | warn   | No stored premium snapshots for ticker        |
| PAPER_ENTER        | paper_trader       | fail   | No paper entry recorded                       |
| LEARNING           | learning_engine    | info   | Trade factor snapshot recorded                |
| EOD_SNAPSHOT       | forensic_diagnosis | fail   | EOD not aligned — intraday windows may differ |

**NOW — 21 window(s) · 314 bars · 7 VWAP crosses**

| Stage                             | Module                   | Status | Detail                                       |
|-----------------------------------|--------------------------|--------|----------------------------------------------|
| WATCHING                          | premarket_monitor        | info   | Setup on watchlist                           |
| MONITOR_pending                   | premarket_monitor_replay | info   | Replay: pending @ 09:30:00                   |
| MONITOR_watching                  | premarket_monitor_replay | info   | Replay: watching @ 09:30:00                  |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:46:00                 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 10:49:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 10:56:00                 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 11:04:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:05:00                 |
| MONITOR_reject_vwap               | premarket_monitor_replay | fail   | Replay: reject_vwap @ 11:08:00               |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 11:09:00                 |
| MONITOR_pending_vwap_confirmation | premarket_monitor_replay | info   | Replay: pending_vwap_confirmation @ 12:31:00 |
| MONITOR_confirmed                 | premarket_monitor_replay | pass   | Replay: confirmed @ 12:34:00                 |

[illegible]

| Stage              | Module             | Status | Detail                                 |
|--------------------|--------------------|--------|----------------------------------------|
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                 |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                 |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                 |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                 |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                 |
| OPPORTUNITY_WINDOW | strategy_rules     | pass   | VWAP/OR aligned window                 |
| OPTION_SELECTED    | options_scan       | fail   | No option contract selected            |
| PREMIUM_SNAPSHOT   | premium_capture    | warn   | No stored premium snapshots for ticker |
| PAPER_ENTER        | paper_trader       | fail   | No paper entry recorded                |
| EOD_SNAPSHOT       | forensic_diagnosis | pass   | EOD still aligned with direction       |

Command: php artisan trading:forensic-day --date=2026-07-16 · Confidential client document