

# 2007 Release Schedule – NASDAQ/UTP Data Products

## 1<sup>st</sup> Quarter 2007

<p>Week of January 1, 2007</p>	<p><u>Market Holiday:</u></p> <ul style="list-style-type: none"> <li>• Monday, January 1: New Year's Day</li> <li>• Tuesday, January 2: National Day of Mourning for President Gerald R. Ford             <ul style="list-style-type: none"> <li>○ U.S. Equity Markets Closed All Day</li> <li>○ U.S. Bond Markets Closed Early</li> <li>○ References: <a href="#">Head Trader Alert #2006-224</a> and <a href="#">Head Trader Alert #2006-225</a></li> </ul> </li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>▪ Weekdays: Evening testing for SIP Release 10.0</li> <li>▪ Saturday, January 6: UAT for SIP Release 10.0</li> </ul>
<p>Week of January 8</p>	<p><u>Meeting:</u></p> <ul style="list-style-type: none"> <li>• Tuesday, January 9: Monthly Conference Call for NASDAQ Market Data Distributors</li> </ul> <p><u>Release:</u></p> <ul style="list-style-type: none"> <li>• Monday, January 8: Minor Processing Change for TotalView-Legacy for Prices Over \$100,000             <ul style="list-style-type: none"> <li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-002</a></li> </ul> </li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>• Weekdays: Evening testing for SIP Release 10.0</li> </ul>
<p>Week of January 15</p>	<p><u>Market Holiday:</u></p> <ul style="list-style-type: none"> <li>• Monday, January 15: Martin Luther King Jr. Day</li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>• Weekdays: Evening testing for SIP Release 10.0</li> <li>• Saturday, January 20: UAT for SIP Release 10.0</li> </ul>
<p>Week of January 22</p>	<p><u>Release:</u></p> <ul style="list-style-type: none"> <li>• Monday, January 22: Introduction of new Level 2 data feed             <ul style="list-style-type: none"> <li>○ Release highlights:                 <ul style="list-style-type: none"> <li>▪ NASDAQ to begin to process connectivity requests for new NASDAQ exchange participant quotation feed</li> <li>▪ New Level 2 data feed is intended to be faster and more bandwidth efficient than legacy NQDS feed</li> </ul> </li> <li>○ References: <a href="#">NASDAQ Vendor Alert #2006-069</a> and <a href="#">NASDAQ Vendor Alert #2007-004</a>.</li> </ul> </li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>▪ Weekdays: Evening testing for SIP Release 10.0</li> </ul>
<p>Week of January 29</p>	<p><u>Release:</u></p> <ul style="list-style-type: none"> <li>• Thursday, February 1: NASDAQ Symbol Plan Changes             <ul style="list-style-type: none"> <li>○ NASDAQ will begin to support 1-, 2-, and 3-character <b>test symbols</b> in production environment.</li> <li>○ For details, please refer to the <a href="#">NASDAQ Symbol Plan page</a> of the NASDAQ Trader website.</li> </ul> </li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>• Weekdays: Evening testing for SIP Release 10.0</li> <li>• Saturday, February 3: UAT for SIP Release 10.0</li> </ul>

## 2007 Release Schedule – NASDAQ/UTP Data Products

<p>Week of February 5</p>	<p><u>Meeting:</u></p> <ul style="list-style-type: none"> <li>• Tuesday, February 6: Monthly Conference Call for NASDAQ Market Data Distributors</li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>• Weekdays: Evening testing for SIP Release 10.0</li> <li>• Saturday, February 10: UAT for SIP Release 10.0</li> <li>• Saturday, February 10: Confidence test for NASDAQ full system integration and exchange registration</li> </ul>
<p>Week of February 12</p>	<p><u>Releases:</u></p> <ul style="list-style-type: none"> <li>• Monday, February 12: NASDAQ to become operational as an exchange in NYSE- and Amex-listed issues; NASD and NASDAQ act as separate entities in CTA plan.             <ul style="list-style-type: none"> <li>○ Data feeds impacted: CQS and CTS feeds from SIAC</li> <li>○ Release highlights:                 <ul style="list-style-type: none"> <li>▪ NASDAQ will begin to send its best bid and offer quotation and trade data to SIAC under the Market Center ID of "T".</li> <li>▪ NASD "D" market center quote on CQS to reflect NASD ADF participant data only.</li> </ul> </li> <li>○ References:                 <ul style="list-style-type: none"> <li>▪ <a href="#">Exchange Registration</a> section of NASDAQ Trader website for additional information</li> <li>▪ See <a href="http://www.nysedata.com">www.nysedata.com</a> for CQS/CTS notices</li> </ul> </li> </ul> </li> <li>• Monday, February 12: NASDAQ to transition to Single Book for all NYSE- and Amex-listed issues.             <ul style="list-style-type: none"> <li>○ Data feed impacted: OpenView (legacy), OpenView Basic, TotalView-Aggregated, TotalView-ITCH (all versions), Level 2, CQS and CTS.</li> <li>○ Release highlights:                 <ul style="list-style-type: none"> <li>▪ OpenView (legacy):                     <ul style="list-style-type: none"> <li>• Service to be discontinued with System integration.</li> <li>• Reference: <a href="#">NASDAQ Vendor Alert #2007-009</a></li> </ul> </li> <li>▪ OpenView Basic and Level 2:                     <ul style="list-style-type: none"> <li>• Release data feeds in production mode.</li> <li>• Reference: <a href="#">NASDAQ Vendor Alert #2006-020</a> and <a href="#">NASDAQ Vendor Alert #2007-004</a>.</li> </ul> </li> <li>▪ TotalView-ITCH 1.0 and 2.0:                     <ul style="list-style-type: none"> <li>• Feeds will reflect full Single Book order depth for NYSE and Amex issues.</li> </ul> </li> <li>▪ TotalView-ITCH 2.0a, TotalView-ITCH 3.0, and TotalView-Aggregated:                     <ul style="list-style-type: none"> <li>• Feeds will reflect full Single Book depth with MPID attribution for NYSE and Amex listed issues.</li> </ul> </li> </ul> </li> <li>○ See <a href="#">NASDAQ System Integration</a> section of NASDAQ Trader website for additional information</li> </ul> </li> </ul>

## 2007 Release Schedule – NASDAQ/UTP Data Products

<p>Week of February 12 (continued)</p>	<ul style="list-style-type: none"> <li>• Wednesday, February 14: NASDAQ To Introduce Two New ETFs <ul style="list-style-type: none"> <li>◦ Data feed impacted: NIDS</li> <li>◦ Release highlights: NASDAQ to begin dissemination of intra-day portfolio values and daily valuation messages for: <ul style="list-style-type: none"> <li>▪ First Trust NASDAQ Clean Edge U.S. Liquid Series Index Fund (QCLN)</li> <li>▪ First Trust NASDAQ-100 Ex-Technology Sector Index Fund (QQXT)</li> </ul> </li> <li>◦ Reference: <a href="#">NASDAQ Vendor Alert #2007-007</a></li> </ul> </li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>• Weekdays: Evening testing for SIP Release 10.0</li> <li>• Saturday, February 17: UAT for SIP Release 10.0</li> </ul>
<p>Week of February 19</p>	<p><u>Market Holiday:</u></p> <ul style="list-style-type: none"> <li>• Monday, February 19: Presidents' Day</li> </ul> <p><u>Release:</u></p> <ul style="list-style-type: none"> <li>• Tuesday, February 20: Phase 1 of NASDAQ Stock Symbol Changes <ul style="list-style-type: none"> <li>◦ NASDAQ system ready to accept and distribute 1-, 2-, and 3-character issue symbols as well as 4-character issues symbols in production securities</li> <li>◦ For details, please refer to the <a href="#">NASDAQ Symbol Plan page</a> of the NASDAQ Trader website</li> </ul> </li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>• Weekdays: Evening testing for SIP Release 10.0</li> <li>• Saturday, February 24: Confidence UAT for SIP Release 10.0</li> </ul>
<p>Week of February 26</p>	<p><u>Release:</u></p> <ul style="list-style-type: none"> <li>• Monday, February 26: Implementation of SIP Release 10.0 (Hot Cut Release) <ul style="list-style-type: none"> <li>◦ Data feeds impacted: UQDF and UTDF</li> <li>◦ Release highlights: <ul style="list-style-type: none"> <li>▪ Modify UTP quotation messages on UQDF to support NASD ADF Appendage Indicator</li> <li>▪ Modify UTP long form messages on UTDF to support: <ul style="list-style-type: none"> <li>• New Trade Through Modifier field</li> <li>• Expanded Sale Condition Modifier field</li> </ul> </li> <li>▪ Add "As/Of" Trade Messages to UTDF</li> <li>▪ References: <a href="#">UTP Vendor Alert #2006-023</a>, <a href="#">UTP Vendor Alert #2006-029</a>, <a href="#">UTP Vendor Alert #2006-040</a>, and <a href="#">UTP Vendor Alert #2007-006</a>.</li> </ul> </li> </ul> </li> </ul>

## 2007 Release Schedule – NASDAQ/UTP Data Products

Week of March 5	<p><u>Meeting:</u></p> <ul style="list-style-type: none"> <li>• Thursday, March 8: In-person NASDAQ market data distributors meeting in NYC</li> </ul> <p><u>Regulatory Event:</u></p> <ul style="list-style-type: none"> <li>• Monday, March 5: Key compliance date for <a href="#">SEC Regulation NMS</a>.</li> </ul> <p><u>Miscellaneous Event:</u></p> <ul style="list-style-type: none"> <li>• Sunday, March 11: US daylight savings time begins at 2:00 a.m. For details, please see <a href="#">National Institute of Standards and Technology (NIST) website</a>.</li> </ul>
Week of March 12	
Week of March 19	<p><u>Releases:</u></p> <ul style="list-style-type: none"> <li>• Tuesday, March 20: CBOE Stock Exchange (CBSX) Becomes UTP Participant             <ul style="list-style-type: none"> <li>○ Data feeds impacted: UQDF and UTDF</li> <li>○ Release highlights:                 <ul style="list-style-type: none"> <li>▪ Quotations and trades from CBSX to be identified as “W” market center identifier on UTP data feeds</li> </ul> </li> <li>○ Reference: <a href="#">UTP Vendor Alert #2007-014</a></li> </ul> </li> <li>• Tuesday, March 20: NASD and Boston Stock Exchange (BSE) Launch Trade Reporting Facility (TRF)             <ul style="list-style-type: none"> <li>○ Data feed impacted: UTDF</li> <li>○ Release highlights:                 <ul style="list-style-type: none"> <li>▪ Internalized trade reported via NASD/BSE TRF to be identified as “D” market center and “B” submarket center on UTDF</li> </ul> </li> <li>○ Reference: <a href="#">UTP Vendor Alert #2007-015</a></li> </ul> </li> <li>• Thursday, March 22: NASDAQ Stock Symbol Changes – Phase 1             <ul style="list-style-type: none"> <li>○ Release highlights:                 <ul style="list-style-type: none"> <li>▪ NASDAQ releases first production issue with 3-character root symbol</li> </ul> </li> <li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-023</a></li> </ul> </li> </ul>

## 2007 Release Schedule – NASDAQ/UTP Data Products

Week of March 26	<p><u>Releases:</u></p> <ul style="list-style-type: none"><li>• Monday, March 26: NASD bandwidth upgrade<ul style="list-style-type: none"><li>○ Upgrade BBDS bandwidth from 75 Kb to 128 Kb</li></ul></li><li>• Friday, March 30: Complete TotalView Format Transition<ul style="list-style-type: none"><li>○ Data feed impacted: TotalView (Legacy)</li><li>○ Release highlights:<ul style="list-style-type: none"><li>▪ Migrate customers to new TotalView-Aggregated or TotalView-ITCH data formats</li><li>▪ Phase out TotalView (legacy) data formats at the end of the first quarter of 2007</li></ul></li><li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-006</a> and <a href="#">NASDAQ Vendor Alert #2007-025</a></li></ul></li><li>• Friday, March 30: Beta period for new NASDAQ Last Sale (NLS) product<ul style="list-style-type: none"><li>○ Data feed description: NASDAQ proprietary data feed designed to provide real-time trade data from integrated NASDAQ system and NASDAQ/NASD Trade Reporting Facility (TRF) for the full range of NASDAQ- and other exchange-listed securities</li><li>○ Release highlights:<ul style="list-style-type: none"><li>▪ During beta period, firms may use the data from this real-time trade feed for testing purposes only</li><li>▪ Full product rollout to planned for 2<sup>nd</sup> Quarter of 2007 (pending SEC approval)</li></ul></li><li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-028</a> and <a href="#">NASDAQ Vendor Alert #2007-011</a></li></ul></li></ul>
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## 2007 Release Schedule – NASDAQ/UTP Data Products

### 2<sup>nd</sup> Quarter 2007

Week of April 2	<p><u>Market Holiday:</u></p> <ul style="list-style-type: none"> <li>• Friday, April 6: Good Friday</li> </ul> <p><u>Meeting:</u></p> <ul style="list-style-type: none"> <li>• Tuesday, April 3: Monthly Conference Call for NASDAQ Market Data Distributors</li> </ul>
Week of April 9	<p><u>Release:</u></p> <ul style="list-style-type: none"> <li>• Monday, April 9: NASDAQ To Introduce Two New Indexes             <ul style="list-style-type: none"> <li>○ Data feed impacted: NIDS</li> <li>○ Release highlights:                 <ul style="list-style-type: none"> <li>▪ NASDAQ to begin dissemination of intra-day and directory messages for: BetterInvesting 100 Index (BIXX) BetterInvesting 100 Total Returns Index (BIXR)</li> </ul> </li> <li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-027</a></li> </ul> </li> <li>• Monday, April 9: Back-office Platform Change             <ul style="list-style-type: none"> <li>○ Data feed impacted: UTDF</li> <li>○ Highlightss of release:                 <ul style="list-style-type: none"> <li>▪ NASDAQ to issue new and more secure retransmission passwords</li> <li>▪ No data format changes</li> </ul> </li> <li>○ Reference: <a href="#">UTP Vendor Alert #2006-034</a></li> </ul> </li> </ul>
Week of April 16	<p><u>Release:</u></p> <ul style="list-style-type: none"> <li>• Monday, April 16: Network Address Change             <ul style="list-style-type: none"> <li>○ Data feed impacted: TotalView-Aggregated (MoldUDP version only)</li> <li>○ Release highlights:                 <ul style="list-style-type: none"> <li>▪ NASDAQ will add servers to the TotalView-Aggregated system configuration for channels 5 to 8 to improve performance</li> <li>▪ New servers will have different Source IP addresses</li> </ul> </li> <li>○ Call NASDAQ Market Data Distribution for details</li> </ul> </li> <li>• Tuesday, April 17: NASD and NYSE Launch Trade Reporting Facility             <ul style="list-style-type: none"> <li>○ Data feed impacted: UTDF</li> <li>○ Release highlights:                 <ul style="list-style-type: none"> <li>▪ Internalized trade reported via NASD/NYSE TRF to be identified as “D” market center and “P” submarket center on UTDF</li> </ul> </li> <li>○ Reference: <a href="#">UTP Vendor Alert #2007-020</a></li> </ul> </li> </ul>
Week of April 23	<p><u>Releases:</u></p> <ul style="list-style-type: none"> <li>• Monday, April 23: Back-office Platform Change             <ul style="list-style-type: none"> <li>○ Data feed impacted: UQDF, OMDF, and NIDS</li> <li>○ Highlight of release:                 <ul style="list-style-type: none"> <li>▪ NASDAQ to issue new and more secure UTP retransmission passwords</li> <li>▪ No data format changes</li> </ul> </li> <li>○ References: <a href="#">UTP Vendor Alert #2006-034</a> and</li> </ul> </li> </ul>

## 2007 Release Schedule – NASDAQ/UTP Data Products

	<a href="#">NASDAQ Vendor Alert #2007-029</a>
Week of April 30	<p><u>Meeting:</u></p> <ul style="list-style-type: none"> <li>• Tuesday, May 1: Monthly Conference Call for NASDAQ Market Data Distributors</li> </ul> <p><u>Release:</u></p> <ul style="list-style-type: none"> <li>• Monday, April 30: Complete NASDAQ Market Velocity and NASDAQ Market Forces Format Transition               <ul style="list-style-type: none"> <li>○ Data feeds impacted: NASDAQ Max (Legacy)</li> <li>○ Release highlights:                   <ul style="list-style-type: none"> <li>▪ Migrate customers to new NASDAQ Max/Market Velocity and Forces data formats</li> <li>▪ Cease dissemination of NASDAQ Max data formats</li> </ul> </li> <li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-021</a></li> </ul> </li> </ul>
Week of May 7	<p><u>Releases:</u></p> <ul style="list-style-type: none"> <li>• Monday, May 7 (tentative): NASD To Support Trading Action Messages for Other Over-The-Counter Issues               <ul style="list-style-type: none"> <li>○ Data feed impacted: BBDS</li> <li>○ Release highlights:                   <ul style="list-style-type: none"> <li>▪ Modify BBDS trading action processing to support:                       <ul style="list-style-type: none"> <li>• Lower case “u” market center identifier in message header</li> <li>• Three new Reason codes within trading action message</li> </ul> </li> </ul> </li> <li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-024</a></li> </ul> </li> <li>• Monday, May 7: NASDAQ To Introduce New Index               <ul style="list-style-type: none"> <li>○ Data feed impacted: NIDS</li> <li>○ Release highlights:                   <ul style="list-style-type: none"> <li>▪ NASDAQ to begin dissemination of intra-day and directory messages for NASDAQ China Index (CHXN)</li> </ul> </li> <li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-034</a></li> </ul> </li> </ul>
Week of May 14	<p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>• Saturday, May 19: Stress test for UTP bandwidth capacity upgrade</li> </ul>
Week of May 21	

## 2007 Release Schedule – NASDAQ/UTP Data Products

<p>Week of May 28</p>	<p><u>Market Holiday:</u></p> <ul style="list-style-type: none"> <li>• Monday, May 28: Memorial Day</li> </ul> <p><u>Release:</u></p> <ul style="list-style-type: none"> <li>• Wednesday, May 30: Complete NOIVIEW and NOIS Format Transition <ul style="list-style-type: none"> <li>○ Data feeds impacted: NOIVIEW-Legacy and NOIS-Legacy</li> <li>○ Release highlights: <ul style="list-style-type: none"> <li>▪ Migrate customers to new NOIVIEW 2.00 and NOIS 2.00 data formats</li> <li>▪ Cease dissemination of legacy NOIVIEW and NOIS data formats</li> </ul> </li> <li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-017</a></li> </ul> </li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>• Saturday, June 2: Stress test for UTP bandwidth capacity upgrade</li> </ul>
<p>Week of June 4</p>	<p><u>Release:</u></p> <ul style="list-style-type: none"> <li>• Thursday, June 7: TRF Data Added To NLS Beta <ul style="list-style-type: none"> <li>○ Data feeds impacted: NASDAQ Last Sale (NLS)</li> <li>○ Release highlights: <ul style="list-style-type: none"> <li>▪ Beta test expanded to include NASD/NASDAQ Trade Reporting Facility (TRF) transactions</li> <li>▪ Connectivity expanded to include Mid-Atlantic data center</li> </ul> </li> <li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-045</a></li> </ul> </li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>• Saturday, June 9: UAT for NASDAQ Opening and Closing Crosses in non-NASDAQ-listed issues</li> </ul> <p><u>Reminder:</u></p> <ul style="list-style-type: none"> <li>• Saturday, June 9: NASDAQ To Retire Trumbull, CT Data Center <ul style="list-style-type: none"> <li>○ Highlight of release: <ul style="list-style-type: none"> <li>▪ Complete transition of direct data center connections to new NASDAQ data center location in New York metro area</li> </ul> </li> <li>○ Reference: <a href="#">Head Trader Alert #2007-102</a></li> </ul> </li> </ul>
<p>Week of June 11</p>	<p><u>Release:</u></p> <ul style="list-style-type: none"> <li>• Monday, June 11: Upgrade bandwidth capacity for UTP data feeds <ul style="list-style-type: none"> <li>○ Data feeds impacted: UQDF, UTDF, OMDF</li> <li>○ Release highlights: <ul style="list-style-type: none"> <li>▪ Increase bandwidth allocations to: <ul style="list-style-type: none"> <li>• UQDF – 7.8 Mb</li> <li>• UTDF – 3 Mb</li> <li>• OMDF – 512 Kb</li> </ul> </li> </ul> </li> <li>○ Reference: <a href="#">UTP Vendor Alert #2007-013</a> and <a href="#">UTP Vendor Alert #2007-029</a></li> </ul> </li> </ul>



## 2007 Release Schedule – NASDAQ/UTP Data Products

Week of June 18	<p><u>Meeting:</u></p> <ul style="list-style-type: none"><li>• Tuesday, June 19: In-person NASDAQ market data distributors meeting in NYC</li></ul> <p><u>Reminder:</u></p> <ul style="list-style-type: none"><li>• Friday, June 22: Annual index rebalance for <a href="#">Frank Russell Company</a><ul style="list-style-type: none"><li>◦ Reference: <a href="#">Head Trader Alert #2007-117</a></li></ul></li></ul>
Week of June 25	<p><u>Testing:</u></p> <ul style="list-style-type: none"><li>• Saturday, June 30: UAT for NIDS Index Directory and Issue Participation Format Changes</li><li>• Saturday, June 30: UAT for NASDAQ Opening and Closing Crosses in non-NASDAQ-listed issues</li></ul>

# 2007 Release Schedule – NASDAQ/UTP Data Products

## 3rd Quarter 2007

Week of July 2	<p><u>Early Market Close:</u></p> <ul style="list-style-type: none"><li>▪ Tuesday, July 3: NASDAQ, UTP, and NASD systems to close three hours early<ul style="list-style-type: none"><li>○ References: <a href="#">UTP Vendor Alert #2007-031</a> (UTP Feeds), <a href="#">NASDAQ Vendor Alert #2007-046</a> (NASD Feeds), and <a href="#">NASDAQ Vendor Alert #2007-047</a> (NASDAQ Proprietary Feeds)</li></ul></li></ul> <p><u>Market Holiday</u></p> <ul style="list-style-type: none"><li>▪ Wednesday, July 4: Independence Day</li></ul> <p><u>Release:</u></p> <ul style="list-style-type: none"><li>• Monday, July 2: Opening and Closing Crosses Extended To Non-NASDAQ-Listed Issues<ul style="list-style-type: none"><li>○ Data feeds impacted: TotalView-ITCH 3.0, TotalView-Aggregated, NOIVIEW 2.00, NOIS 2.00, and NASDAQ Last Sale (NLS)</li><li>○ Release highlights:<ul style="list-style-type: none"><li>▪ Net Order Imbalance Indicator (NOII) messages to be supported for non-NASDAQ-listed issues on TotalView-ITCH 3.0, TotalView-Aggregated, NOIVIEW 2.00, and NOIS 2.00</li><li>▪ Cross Trade message to be supported for non-NASDAQ-listed issues on TotalView-ITCH 3.0</li><li>▪ Official Opening Price and Official Closing Price sale condition modifiers to be supported for non-NASDAQ-listed issues on NLS.</li></ul></li><li>○ References: <a href="#">NASDAQ Vendor Alert #2007-037</a> and <a href="#">NASDAQ Vendor Alert #2007-044</a></li></ul></li></ul> <p><u>Regulatory Event:</u></p> <ul style="list-style-type: none"><li>▪ Friday, July 6: SEC Eliminates Tick Test for Short Sales<ul style="list-style-type: none"><li>○ Data feed impacted: UQDF</li><li>○ Impact notes:<ul style="list-style-type: none"><li>▪ Due to release timing issues, NASDAQ is not able to remove or alter the National Bid Tick field from the UQDF Appendage in time for the July 6<sup>th</sup> compliance change.</li><li>▪ Until a release can be scheduled, UQDF subscribers are advised to ignore the National Bid Tick field.</li></ul></li><li>○ Reference: <a href="#">UTP Vendor Alert #2007-036</a></li></ul></li></ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"><li>• Saturday, July 7: UAT for NIDS Index Directory and Issue Participation Format Changes</li></ul>
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## 2007 Release Schedule – NASDAQ/UTP Data Products

Week of July 9	<p><u>Regulatory Event:</u></p> <ul style="list-style-type: none"> <li>▪ Monday, July 9: Key compliance date for <a href="#">SEC Regulation NMS</a></li> </ul> <p><u>Release:</u></p> <ul style="list-style-type: none"> <li>▪ Monday, July 9: Index Directory Changes               <ul style="list-style-type: none"> <li>○ Data feed impacted: NIDS</li> <li>○ Release highlights:                   <ul style="list-style-type: none"> <li>▪ Modify Index Directory message to support single divisor field</li> <li>▪ Modify Issue Symbol Participation message to support longer issue symbols and wider range of listing markets values</li> </ul> </li> <li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-031</a></li> </ul> </li> <li>▪ Monday, July 9: Minor Processing Change for Level 1 Sale Condition Codes               <ul style="list-style-type: none"> <li>○ Data feed impacted: UTDF</li> <li>○ Release highlights: Change Level 1 – Settlement Type processing rules to support all list values for both Trade Through Exempt and Non-Trade Through Exempt trade transactions reported by UTP participants</li> <li>○ Reference: <a href="#">UTP Vendor Alert #2007-032</a></li> </ul> </li> <li>▪ Monday, July 9: New Submarket ID for NASD / NYSE Trade Reporting Facility (TRF)               <ul style="list-style-type: none"> <li>○ Data feed impacted: UTDF</li> <li>○ Release highlights: NASD/NYSE TRF to begin to submit trade reports to NASDAQ SIP with Market Center of “D” and Sub-Market Center ID of “N”</li> <li>○ Reference: <a href="#">UTP Vendor Alert #2007-035</a></li> </ul> </li> </ul>
Week of July 16	
Week of July 23	
Week of July 30	<p><u>Regulatory Event:</u></p> <ul style="list-style-type: none"> <li>○ Monday, July 30: NASD becomes part of the Financial Industry Regulatory Authority (FINRA). For details on this regulatory organization change, please visit <a href="http://www.finra.org">www.finra.org</a>.</li> </ul>
Week of August 6	<p><u>Meeting:</u></p> <ul style="list-style-type: none"> <li>• Tuesday, August 7: Monthly Conference Call for NASDAQ Market Data Distributors</li> </ul>
Week of August 13	
Week of August 20	<p><u>Regulatory Event:</u></p> <ul style="list-style-type: none"> <li>• Monday, August 20: Key compliance date for <a href="#">SEC Regulation NMS</a></li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>▪ Beginning August 20: Evening test data for UTDF sale condition release</li> </ul>

## 2007 Release Schedule – NASDAQ/UTP Data Products

<p>Week of August 27</p>	<p><u>Release:</u></p> <ul style="list-style-type: none"> <li>• Friday, August 31: Complete NQDS Format Transition <ul style="list-style-type: none"> <li>○ Data feed impacted: NQDS (Legacy)</li> <li>○ Release highlights: <ul style="list-style-type: none"> <li>▪ Migrate customers to new Level 2 data formats for NASDAQ participant top-of-file quotation data</li> <li>▪ Cease dissemination of legacy NQDS data formats</li> </ul> </li> <li>○ References: <a href="#">NASDAQ Vendor Alert #2007-014</a>, <a href="#">NASDAQ Vendor Alert #2007-040</a>, and <a href="#">NASDAQ Vendor Alert #2007-051</a></li> </ul> </li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>▪ Weekdays: Evening test data for UTDF sale condition release</li> </ul>
<p>Week of September 3</p>	<p><u>Market Holiday:</u></p> <ul style="list-style-type: none"> <li>• Monday, September 3: Labor Day</li> </ul> <p><u>Release:</u></p> <ul style="list-style-type: none"> <li>• Tuesday, September 4: Level 2 Bandwidth Upgrade <ul style="list-style-type: none"> <li>○ Data feed impacted: Level 2</li> <li>○ Release highlights: <ul style="list-style-type: none"> <li>▪ Increase bandwidth recommendation for Level 2 by 20% to 12 Mb</li> <li>▪ Adjust outbound data throttle for MoldUDP feed to support higher allocation</li> </ul> </li> <li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-041</a></li> </ul> </li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>• Weekdays: Evening test data for UTDF sale condition release</li> </ul>
<p>Week of September 10</p>	<p><u>Release:</u></p> <ul style="list-style-type: none"> <li>• Bandwidth Upgrade for NOIView 2.00 <ul style="list-style-type: none"> <li>○ Release highlights: <ul style="list-style-type: none"> <li>▪ Increase bandwidth recommendation for NOIView to 4.5 Mb</li> <li>▪ Firms are advised to upgrade network capacity as quickly as possible</li> </ul> </li> <li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-055</a></li> </ul> </li> </ul> <p><u>Meeting:</u></p> <ul style="list-style-type: none"> <li>• Tuesday, September 11: Monthly Conference Call for NASDAQ Market Data Distributors</li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>• Weekdays: Evening test data for UTDF sale condition release</li> <li>• Saturday, September 15: UAT for UTDF and NLS sale condition releases</li> </ul>
<p>Week of September 17</p>	<p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>▪ Weekdays: Evening test data for UTDF sale condition release</li> <li>▪ Saturday, September 21: Confidence UAT for UTDF and NLS sale condition releases</li> </ul>

## 2007 Release Schedule – NASDAQ/UTP Data Products

Week of September 24	<p><u>Releases:</u></p> <ul style="list-style-type: none"><li>• Monday, September 24: New Sale Condition Modifiers<ul style="list-style-type: none"><li>○ Data feeds impacted: UTDF and NLS</li><li>○ Release highlights:<ul style="list-style-type: none"><li>▪ Add new "X" sale condition modifier for cross trades (both feeds)</li><li>▪ Add new "H" sale condition modifier for Price Variation trades (UTDF only)</li></ul></li><li>○ References: <a href="#">UTP Vendor Alert #2007-034</a>, <a href="#">NASDAQ Vendor Alert #2007-047</a>, <a href="#">UTP Vendor Alert #2007-039</a>, and <a href="#">UTP Vendor Alert #2007-044</a></li></ul></li><li>• Monday, September 24: Removal of National Bid Tick<ul style="list-style-type: none"><li>○ Data feed impacted: UQDF</li><li>○ Release highlights:<ul style="list-style-type: none"><li>▪ NASDAQ SIP will cease the calculation of the National Bid Tick on UQDF</li><li>▪ Existing field within the National Best Bid and Offer Appendage format will be marked as reserved and data field will be space-filled</li></ul></li><li>○ References: <a href="#">UTP Vendor Alert #2007-041</a> and <a href="#">UTP Vendor Alert #2007-044</a></li></ul></li><li>• Tuesday, September 25: NASDAQ To Introduce New Index<ul style="list-style-type: none"><li>○ Data feed impacted: NIDS</li><li>○ Release highlights: NASDAQ to begin dissemination of intra-day and directory messages for NASDAQ NeuroInsights Neurotech Index (NERV)</li><li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-057</a></li></ul></li></ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"><li>○ Monday, September 24: NASDAQ begins beta testing period for NASDAQ Options Market and associated data feeds as noted in <a href="#">NASDAQ Vendor Alert #2007-059</a></li></ul>
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## 2007 Release Schedule – NASDAQ/UTP Data Products

### 4th Quarter 2007

Week of October 1	<p><u>Meeting:</u></p> <ul style="list-style-type: none"> <li>▪ Tuesday, October 2: Monthly Conference Call for NASDAQ Market Data Distributors</li> </ul>
Week of October 8	<p><u>Regulatory Event:</u></p> <ul style="list-style-type: none"> <li>▪ Monday, October 8: Key compliance date for <a href="#">SEC Regulation NMS</a></li> </ul> <p><u>Release:</u></p> <ul style="list-style-type: none"> <li>• Wednesday, October 10: NASDAQ To Introduce New Index               <ul style="list-style-type: none"> <li>○ Data feed impacted: NIDS</li> <li>○ Release highlights: NASDAQ to begin dissemination of intra-day and directory messages for NASDAQ Q-50 Index (NXTQ)</li> <li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-066</a></li> </ul> </li> </ul>
Week of October 15	
Week of October 22	<p><u>Meeting:</u></p> <ul style="list-style-type: none"> <li>• Thursday, October 25: In-person NASDAQ market data distributor meeting in NYC</li> </ul>
Week of October 29	<p><u>Miscellaneous Event:</u></p> <ul style="list-style-type: none"> <li>▪ Sunday, November 4: US daylight savings time ends at 2:00 a.m. For details, please see <a href="#">National Institute of Standards and Technology (NIST) website</a>.</li> </ul>
Week of November 5	<p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>• Weekdays: Evening test data for NIDS index details and ETF valuation format changes</li> </ul>
Week of November 12	<p><u>Release:</u></p> <ul style="list-style-type: none"> <li>• Friday, November 16: NASDAQ To Introduce Exchange Traded Funds (ETFs)               <ul style="list-style-type: none"> <li>○ Data feed impacted: NIDS</li> <li>○ Release highlights: NASDAQ to begin dissemination of intra-day portfolio values and daily valuation messages for:                   <ul style="list-style-type: none"> <li>▪ iShares FTSE Developed Small Cap ex-North America Index Fund (IFSM)</li> <li>▪ iShares FTSE EPRA/NAREIT Global Real Estate ex-U.S. Index Fund (IFGL)</li> <li>▪ iShares FTSE EPRA/NAREIT Asia Index Fund (IFAS)</li> <li>▪ iShares FTSE EPRA/NAREIT North America Index Fund (IFNA)</li> <li>▪ iShares FTSE EPRA/NAREIT Europe Index Fund (IFEU)</li> </ul> </li> <li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-073</a></li> </ul> </li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>• Weekdays: Evening test data for NIDS index details and ETF valuation format changes</li> </ul>

## 2007 Release Schedule – NASDAQ/UTP Data Products

<p>Week of November 19</p>	<p><u>Release:</u></p> <ul style="list-style-type: none"> <li>• Monday, November 19: Minor TDDS timing release <ul style="list-style-type: none"> <li>○ Data feed impacted: TDDS</li> <li>○ Release highlights: <ul style="list-style-type: none"> <li>▪ Move dissemination time for Start of Day control messages to 7 a.m., E.T.</li> <li>▪ Move TDDS test cycle messages to 6:45 a.m. – 6:59 a.m., ET</li> </ul> </li> <li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-061</a> and <a href="#">NASDAQ Vendor Alert #2007-068</a></li> </ul> </li> </ul> <p><u>Market Holiday:</u></p> <ul style="list-style-type: none"> <li>▪ Thursday, November 22: Thanksgiving</li> </ul> <p><u>Early Market Close:</u></p> <ul style="list-style-type: none"> <li>▪ Friday, November 23: NASDAQ, UTP, and FINRA systems to close three hours early <ul style="list-style-type: none"> <li>○ References: <a href="#">UTP Vendor Alert #2007-049</a> (UTP Feeds), <a href="#">NASDAQ Vendor Alert #2007-070</a> (FINRA Feeds), and <a href="#">NASDAQ Vendor Alert #2007-071</a> (NASDAQ Proprietary Feeds)</li> </ul> </li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>• Weekdays (M-W): Evening test data for NIDS index details and ETF valuation format changes</li> </ul>
<p>Week of November 26</p>	<p><u>Releases:</u></p> <ul style="list-style-type: none"> <li>• Tuesday, November 27: NASDAQ To Introduce New Index <ul style="list-style-type: none"> <li>○ Data feed impacted: NIDS</li> <li>○ Release highlights: <ul style="list-style-type: none"> <li>▪ NASDAQ to begin dissemination of intra-day and directory messages for: NASDAQ Internet Index (QNET)</li> </ul> </li> <li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-075</a></li> </ul> </li> <li>• Friday, November 30: Complete TotalView-ITCH 1.0 Transition <ul style="list-style-type: none"> <li>○ Data feed impacted: TotalView-ITCH 1.0</li> <li>○ Release highlights: <ul style="list-style-type: none"> <li>▪ Migrate customers to higher version of TotalView-ITCH or TotalView-Aggregated data formats for full order book depth data</li> <li>▪ Cease dissemination of legacy TotalView-ITCH 1.0 data formats</li> </ul> </li> <li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-043</a> and <a href="#">NASDAQ Vendor Alert #2007-072</a></li> </ul> </li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>• Weekdays: Evening test data for NIDS index details and ETF valuation format changes</li> <li>• Saturday, December 1: UAT for NIDS index details and ETF valuation format changes</li> </ul>

## 2007 Release Schedule – NASDAQ/UTP Data Products

Week of December 3	<p><u>Meeting:</u></p> <ul style="list-style-type: none"> <li>▪ Tuesday, December 4: Monthly Conference Call for NASDAQ Market Data Distributors</li> </ul> <p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>• Weekdays: Evening test data for NIDS index details and ETF valuation format changes</li> <li>• Saturday, December 8: UAT for NIDS index details and ETF valuation format changes</li> </ul>
Week of December 10	<p><u>Testing:</u></p> <ul style="list-style-type: none"> <li>• Weekdays: Evening test data for NIDS index details and ETF valuation format changes</li> <li>• Saturday, December 15: UAT for NIDS index details and ETF valuation format changes</li> </ul>
Week of December 17	<p><u>Release:</u></p> <ul style="list-style-type: none"> <li>▪ Monday, December 17: New Index and ETF Data Formats <ul style="list-style-type: none"> <li>○ Data feed impacted: NIDS</li> <li>○ Release summary: <ul style="list-style-type: none"> <li>▪ Introduce new Index Details (Category I – Type A), Index Held (Category I – Type B) and ETF Valuation (Category I – Type F) messages designed to support more flexible index and ETF identifier values</li> <li>▪ Cease support for the legacy Index Details (Category I – Type V), Index Held (Category I – Type H), and ETF Daily Valuation (Category I – Type E) data formats</li> </ul> </li> <li>○ Reference: <a href="#">NASDAQ Vendor Alert #2007-060</a></li> </ul> </li> </ul>
Week of December 24	<p><u>Early Market Close:</u></p> <ul style="list-style-type: none"> <li>▪ Monday, December 24: NASDAQ, UTP, and FINRA systems to close three hours early <ul style="list-style-type: none"> <li>○ References: <a href="#">UTP Vendor Alert #2007-056</a> (UTP Feeds), <a href="#">NASDAQ Vendor Alert #2007-078</a> (FINRA Feeds), and <a href="#">NASDAQ Vendor Alert #2007-079</a> (NASDAQ Proprietary Feeds)</li> </ul> </li> </ul> <p><u>Market Holiday:</u></p> <ul style="list-style-type: none"> <li>▪ Tuesday, December 25: Christmas</li> </ul>
Week of December 31	<p><u>Market Holiday:</u></p> <ul style="list-style-type: none"> <li>▪ Tuesday, January 1, 2008: New Year's Day</li> </ul>