

August 6, 2025

To:

Market Surveillance Division
Canadian Investment Regulatory Organization (CIRO)
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Cc:

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Subject: Urgent Follow-Up on Market Manipulation Investigation – Continued “Spoofing” & “Layering” by Broker Morgan Stanley (House 53) on HPQ Silicon Inc. (TSX-V: HPQ) Shares

Dear CIRO Surveillance Team,

I am writing to follow up on my previous correspondence regarding ongoing market manipulation activities, specifically the spoofing and layering tactics employed by **Morgan Stanley (House 53)** between **July 22, 2025**, and **July 25, 2025**.

Following a brief cool-down period between **July 29 and 31**, I regret to inform you that **highly suspicious** and **manipulative trading activities** were observed once again on **August 1, 2025**, **August 5, 2025**, and **August 6, 2025**. These activities, which I believe directly violate market integrity rules, continue to distort the market for **HPQ shares**.

Through detailed internal monitoring of the **Level II order book**, we have identified a consistent pattern of “**spoofing**” and “**layering**” behaviors originating specifically from **Morgan Stanley (House 53)**. Furthermore, we have observed similar patterns of suspicious activity from other brokers, including **Broker 80**, **Broker 7**, and **Broker 124**.

Summary of Observations:

- **Large ask-side (sell) orders** are consistently placed on multiple price levels at **exactly 7:00 AM EST**, prior to market open.

- These orders are **never executed** and are **cancelled just before or at market open** (exactly at 9:30 AM EST).
- The pattern repeats daily, with **minor price variations**, but the **order volumes are consistently high** (well above market depth norms).
- These orders appear designed to **artificially pressure the bid side**, creating the illusion of selling interest, which could **manipulate market sentiment** or trigger algorithmic responses based on visible liquidity.

In addition to House 53, we have observed similar activity from other brokers:

- **Broker 80** placed **large orders** (e.g., **20,000 to 36,000 shares**) that were **quickly cancelled** just before the market opened, with no corresponding trades.
- **Broker 7** placed orders well above the market depth (e.g., **6,500 shares at 0.165**, followed by **25,000 shares at 0.17**), which were then **cancelled shortly before market open**.
- **Broker 124** also placed unusually large orders (e.g., **30,000 shares**) that were **pulled immediately after placement**, showing intent to create **false liquidity**.

Documentation:

We have collected **multiple dated screenshots** of **HPQ's market depth** from our trading platform, clearly documenting this repetitive behavior. The screenshots include **broker ID**, **time-stamped order entries**, and **cancellations**. (Please refer to the pages following this letter, which contain the morning data from **August 1, 2025**, (Pages 5-8) **August 5, 2025**, (Pages 9-15) and **August 6, 2025**, from **6:00 AM to 9:30:10 AM** clearly showing the spoofing and layering activity by **Morgan Stanley** and other brokers (Pages 16-23).

New Concerns:

In addition to the previously mentioned concerns, I would like to bring to your attention another suspicious trading activity observed on **August 6, 2025**. Specifically, **large orders** were placed at **0.215**, a price significantly higher than the prevailing market value (around **0.15**) (Pages-23-29).

Key Observations:

- **Large orders** (e.g., **50,000 shares at 0.215** and **25,000 shares at 0.215**) were placed early in the morning at a **price substantially above the market value**.

- The placement of these large orders is highly irregular, particularly given the prevailing price range for HPQ. This strongly suggests an **intentional effort to manipulate the market** and **artificially inflate demand** for HPQ shares.
- It remains to be seen whether these orders were **cancelled shortly after placement**, which would further support the claim of **spoofing** and **layering**.

These orders at **0.215** are an attempt to **distort the true supply and demand** for HPQ shares and could lead to **false price signals**, misleading market participants and creating an **unfair trading environment**.

Further Evidence of Manipulation:

We also observed a **cluster of trades** on **August 6, 2025, at 10:44:56**, that support the ongoing pattern of spoofing and layering activities (Page 30).

Key Observations:

- A **cluster of trades** occurred at **10:44:56**, involving **large orders at 0.15 and 0.155**, with volumes ranging from **1,000 to 15,000 shares**. These trades were executed by **multiple brokers**, including **RBC, TD Sec, and CIBC**.
- The **identical price points** across multiple large trades, coupled with **rapid execution at the same time**, suggest an effort to manipulate the visible market depth and create an artificially inflated market price.
- The presence of **Anonymous brokers** in these trades further suggests an attempt to **conceal the identity of participants**, which is often indicative of **manipulative behavior**.

Why This Warrants Immediate Action:

While I understand from your previous reply that:

"If we find a breach or potential breach of the rules, the matter will be forwarded for further investigation and evidence collection. The status and results of our investigation are kept confidential, as I am sure you would understand, to maintain the integrity of the investigation. The matter does, however, become part of the public record should disciplinary or other action be necessary,"

I must respectfully submit that asking **HPQ investors to wait** until the completion of an investigation before addressing such **gross and obvious spoofing and layering tactics** — both of which are explicitly prohibited under CISO's **Universal Market Integrity Rules (UMIR)** — will **severely undermine investor confidence** in the market.

If these actions are not addressed promptly, the **reputational damage** caused by such behavior will severely undermine confidence in the **fairness and integrity** of trading on the **TSX Venture Exchange (TSX-V)** — especially for **small-cap issuers** exposed to thin liquidity. This is not an isolated concern. Many investors, both Canadian and foreign, have expressed growing frustration with what they perceive as a **systemic failure** to monitor and enforce basic market integrity standards in Canada.

Our Formal Request:

We respectfully request that CIRO:

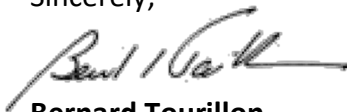
1. Review the **order book activity** on HPQ shares from **Morgan Stanley** and other brokers over the past four trading days (e.g., **July 22–25, 2025**, and we suspect **July 21, 2025**), but also include the days of **August 1, August 5, and August 6, 2025**.
2. Investigate whether **large pre-market ask orders** are being used to mislead market participants, then withdrawn without intent to trade.
3. Confirm whether this behavior constitutes a violation of **UMIR 2.2** (Manipulative or Deceptive Activities) or other applicable regulations.
4. Provide guidance to the Company on how such patterns are evaluated and escalated by CIRO.

HPQ is fully committed to protecting shareholder value and supporting the integrity of Canada's Public Capital Markets. That is why we are providing these supporting materials — including screenshots, timestamps, and internal logs — to assist with your investigation.

Thank you for your prompt attention to this urgent matter. We look forward to your response and hope to see swift action in addressing these concerns.

We appreciate your urgent attention to this matter and look forward to your response.

Sincerely,



Bernard Tourillon
President & CEO
HPQ Silicon Inc.

August 1 2025

V:HPQ Market Book By Order 09:28:10											
Bid						Ask					
Spec	Time	Broker	ATS	Size	Price	Price	Size	ATS	Broker	Time	Spec
	08-01 07:55	80	V	1,000	0.16	0.16	19,500	P	1	07-31 16:07	
	08-01 08:31	19	V	1,000			2,000	V	7	08-01 07:10	
	08-01 08:47	19	V	871			35,000	H	79	08-01 08:00	
	07-30 09:57	19	V	10,000	0.155	0.165	15,000	A	1	07-31 15:41	
	07-31 07:25	80	V	20,000			20,500	V	79	08-01 07:00	
	07-31 13:32	124	V	5,000			24,500	V	1	08-01 07:01	
	08-01 07:00	80	V	1,000			25,000	V	1	08-01 07:01	
	08-01 07:33	80	V	500			20,000	H	79	08-01 08:00	
	08-01 07:33	80	V	1,000			15,000	O	1	08-01 08:00	
	08-01 07:49	80	V	200			30,000	O	1	08-01 08:00	
	08-01 08:00	79	H	10,000			10,000	A	33	08-01 08:04	
	08-01 08:37	19	V	1,000			9,000	A	33	08-01 08:31	
	08-01 09:03	19	V	6,000			9,000	O	1	08-01 08:31	
	08-01 09:24	1	U	30,000			25,000	U	1	08-01 09:18	
	07-30 09:34	1	A	15,000	0.15	0.17	199,000	V	53	08-01 07:00	
	07-30 12:07	7	V	25			10,000	V	1	08-01 07:01	
	07-30 15:55	124	V	2,000			59,500	V	2	08-01 08:18	
	07-31 07:32	7	V	1,142			25,000	V	79	08-01 08:32	
	07-31 09:19	80	V	40,000			20,000	O	1	08-01 09:23	
	07-31 09:42	7	V	30,000		0.175	50,000	V	1	07-31 10:02	
	07-31 10:49	79	V	35,000			10,000	V	1	08-01 07:01	
	07-31 13:44	19	V	1,000		0.18	30,000	V	1	07-31 09:22	
	07-31 13:55	7	V	100			2,300	V	7	07-31 13:35	
	07-31 15:40	124	V	4,200			10,000	V	1	08-01 07:01	
	08-01 07:00	80	V	500		0.185	6,666	V	19	07-30 13:29	
	08-01 07:30	2	V	2,000			10,000	V	1	08-01 07:01	
	08-01 07:30	2	V	434		0.19	1,500	V	7	06-23 07:14	
	08-01 07:30	19	V	30,000			320	V	7	06-23 07:14	
	08-01 07:32	19	V	2,666			10,000	V	1	07-16 13:05	
	08-01 07:33	19	V	200			9,677	V	19	07-30 10:40	
	08-01 08:00	79	H	28,000			17,000	V	19	07-30 12:47	
	08-01 08:00	1	O	15,000			200,000	V	53	08-01 07:00	
	08-01 08:01	1	O	30,000			1,000	V	80	08-01 07:00	
	08-01 08:02	1	U	50,000		0.195	3,500	V	124	06-18 10:10	
	08-01 08:04	1	O	30,000		0.20	800	V	1	05-21 13:29	
	08-01 08:04	1	U	30,000			1,000	V	124	07-10 07:30	

August 1 2025

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V:HPQ - top 5 prices per market 09:28:43																				
All			V 09:28:43		A 08:31:13		X 04:05:38		H 08:00:25		P 00:07:02		O 09:23:22		Y 05:00:00		U 09:24:36		S 04:45:27	
Price	Size	Orders	Size	Orders	Size	Orders	Size	Orders	Size	Orders	Size	Orders	Size	Orders	Size	Orders	Size	Orders	Size	Orders
ASK	0.18	42,300	3	42,300	3															
	0.175	60,000	2	60,000	2															
	0.17	313,500	5	293,500	4								20,000	1						
	0.165	203,000	11	70,000	3	34,000	3			20,000	1		54,000	3			25,000	1		
	0.16	56,500	3	2,000	1					35,000	1	19,500	1							
	0.16	2,871	3	2,871	3															
	0.155	84,500	10	44,500	8					10,000	1						30,000	1		
BID	0.15	487,508	24	179,508	13	65,000	3			28,000	1		105,000	4			110,000	3		
	0.145	163,500	15	113,500	14												50,000	1		
	0.14	59,925	7	59,925	7															

Special terms and non-boardlot orders do not appear in Depth by Price -[Vertical](#) -[Columnar](#) -[Horizontal](#)

V:HPQ Depth by Price @09:28:43 X						
Bid			Ask			
Orders	Size	Price	Price	Size	Orders	
3	2,871	0.16	0.16	56,500	3	
10	84,500	0.155	0.165	203,000	11	
24	487,508	0.15	0.17	313,500	5	
15	163,500	0.145	0.175	60,000	2	
7	59,925	0.14	0.18	42,300	3	

V:HPQ Depth by Price @09:28:43 X										
Bid					Ask					
Price	0.14	0.145	0.15	0.155	0.16	0.16	0.165	0.17	0.175	0.18
Size	59,925	163,500	487,508	84,500	2,871	56,500	203,000	313,500	60,000	42,300
Orders	7	15	24	10	3	3	11	5	2	3

Bid						Ask					
Spec	Time	Broker	ATS	Size	Price	Price	Size	ATS	Broker	Time	Spec
	08-01 08:47	19	V	871	0.16	0.16	19,500	P	1	07-31 16:07	
	07-30 09:57	19	V	10,000	0.155		35,000	H	79	08-01 08:00	
	07-31 07:25	80	V	20,000		0.165	15,000	A	1	07-31 15:41	
	07-31 13:32	124	V	5,000			20,500	V	79	08-01 07:00	
	08-01 07:00	80	V	1,000			24,500	V	1	08-01 07:01	
	08-01 07:33	80	V	500			25,000	V	1	08-01 07:01	
	08-01 07:33	80	V	1,000			20,000	H	79	08-01 08:00	
	08-01 07:49	80	V	200			15,000	O	1	08-01 08:00	
	08-01 08:00	79	H	10,000			30,000	O	1	08-01 08:00	
	08-01 08:37	19	V	1,000			10,000	A	33	08-01 08:04	
	08-01 09:03	19	V	6,000			9,000	A	33	08-01 08:31	
	08-01 09:24	1	U	30,000			9,000	O	1	08-01 08:31	
	07-30 09:34	1	A	15,000	0.15		25,000	U	1	08-01 09:18	
	07-30 12:07	7	V	25			10,000	Y	79	08-01 09:30	
	07-30 15:55	124	V	2,000		0.17	3,500	V	53	08-01 07:00	
	07-31 07:32	7	V	1,142			10,000	V	1	08-01 07:01	
	07-31 09:19	80	V	40,000			59,500	V	2	08-01 08:18	
	07-31 09:42	7	V	30,000			25,000	V	79	08-01 08:32	
	07-31 10:49	79	V	35,000			20,000	O	1	08-01 09:23	
	07-31 13:44	19	V	1,000			1,000	H	53	08-01 09:30	
	07-31 13:55	7	V	100			500	O	1	08-01 09:30	
	07-31 15:40	124	V	4,200		0.175	50,000	V	1	07-31 10:02	
	08-01 07:00	80	V	500			10,000	V	1	08-01 07:01	
	08-01 07:30	2	V	2,000		0.18	30,000	V	1	07-31 09:22	
	08-01 07:30	2	V	434			2,300	V	7	07-31 13:35	
	08-01 07:30	19	V	30,000			10,000	V	1	08-01 07:01	
	08-01 07:32	19	V	2,666		0.185	6,666	V	19	07-30 13:29	
	08-01 07:33	19	V	200			10,000	V	1	08-01 07:01	
	08-01 08:00	79	H	28,000		0.19	1,500	V	7	06-23 07:14	
	08-01 08:00	1	O	15,000			320	V	7	06-23 07:14	
	08-01 08:01	1	O	30,000			10,000	V	1	07-16 13:05	
	08-01 08:02	1	U	50,000			9,677	V	19	07-30 10:40	
	08-01 08:04	1	O	30,000			17,000	V	19	07-30 12:47	
	08-01 08:04	1	U	30,000			3,500	V	53	08-01 07:00	
	08-01 08:05	33	A	30,000			1,000	V	80	08-01 07:00	
	08-01 08:05	1	O	30,000			1,000	H	53	08-01 09:30	
	08-01 08:05	1	V	30,000			500	O	1	08-01 09:30	
	08-01 08:05	1	U	30,000		0.195	3,500	V	124	06-18 10:10	
	08-01 08:13	7	V	1,000		0.20	800	V	1	05-21 13:29	
	08-01 08:31	33	A	20,000			1,000	V	124	07-10 07:30	
	06-18 10:15	7	V	22,000	0.145		20,000	V	1	07-16 13:07	
	06-18 10:15	7	V	300			7,000	V	7	07-24 15:17	
	06-18 10:25	7	V	10,000			6,000	V	19	07-30 14:35	
	07-30 09:55	7	V	400			3,000	V	7	07-31 10:00	

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V:HPQ - top 5 prices per market 09:30:09																				
All			V 09:30:09		A 08:31:13		X 09:30:05		H 09:30:00		P 00:07:02		O 09:30:00		Y 09:30:00		U 09:30:01		S 09:30:00	
Price	Size	Orders	Size	Orders	Size	Orders	Size	Orders	Size	Orders	Size	Orders	Size	Orders	Size	Orders	Size	Orders	Size	Orders
0.60	1,500	1					1,500	1												
0.455	10,000	1					10,000	1												
0.43	2,000	1					2,000	1												
0.19	1,500	2							1,000	1			500	1						
A S K	0.185	16,666	2	16,666	2															
	0.18	42,300	3	42,300	3															
	0.175	60,000	2	60,000	2															
	0.17	119,500	7	98,000	4				1,000	1			20,500	2						
	0.165	213,000	12	70,000	3	34,000	3		20,000	1			54,000	3	10,000	1	25,000	1		
	0.16	54,500	2						35,000	1	19,500	1								
B I D	0.16	871	1	871	1															
	0.155	84,500	10	44,500	8				10,000	1							30,000	1		
	0.15	487,508	24	179,508	13	65,000	3		28,000	1			105,000	4			110,000	3		
	0.145	163,500	15	113,500	14												50,000	1		
	0.14	69,925	9	64,925	8			5,000	1											
	0.13	1,000	1					1,000	1											
	0.12	1,000	1					1,000	1											
	0.11	2,000	2					2,000	2											

V:HPQ Depth by Price @09:30:09 X						
Bid			Ask			
Orders	Size	Price	Price	Size	Orders	
1	871	0.16	0.16	54,500	2	
10	84,500	0.155	0.165	213,000	12	
24	487,508	0.15	0.17	119,500	7	
15	163,500	0.145	0.175	60,000	2	
9	69,925	0.14	0.18	42,300	3	

V:HPQ Depth by Price @09:30:09 X											
		Bid					Ask				
Price		0.14	0.145	0.15	0.155	0.16	0.16	0.165	0.17	0.175	0.18
Size	69,925	163,500	487,508	84,500	871	54,500	213,000	119,500	60,000	42,300	
Orders	9	15	24	10	1	2	12	7	2	3	

06:59

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HPQ Depth by Order

7	25	0.15	0.16	10000	19
7	30000	0.15	0.16	20000	1
79	35000	0.15	0.17	1033	79
19	1000	0.15	0.175	50000	1
7	100	0.15	0.18	30000	1
124	4200	0.15	0.185	6666	19
7	22000	0.145	0.19	1500	7
7	300	0.145	0.19	320	7
7	10000	0.145	0.19	10000	1
7	100	0.145	0.19	9677	19
9	7000	0.145	0.19	17000	19
7	1000	0.145	0.195	3500	124
124	1000	0.145	0.20	800	1
7	10000	0.145	0.20	1000	124
7	300	0.145	0.20	20000	1
7	500	0.145	0.20	7000	7
7	100	0.145	0.20	6000	19
7	10000	0.145	0.20	6000	7
19	1000	0.145	0.21	20000	1
9	30000	0.145	0.21	1300	124
7	500	0.145	0.22	21000	19
80	40000	0.145	0.22	37612	19



Markets



Portfolio 2



Quotes



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07:00

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HPQ Depth by Order

7	25	0.15	0.16	10000	19
7	30000	0.15	0.16	20000	1
79	35000	0.15	0.17	1033	79
19	1000	0.15	0.17	199K	53
7	100	0.15	0.175	50000	1
124	4200	0.15	0.18	30000	1
7	22000	0.145	0.185	6666	19
7	300	0.145	0.19	1500	7
7	10000	0.145	0.19	320	7
7	100	0.145	0.19	10000	1
9	7000	0.145	0.19	9677	19
7	1000	0.145	0.19	17000	19
124	1000	0.145	0.19	200K	53
7	10000	0.145	0.195	3500	124
7	300	0.145	0.20	800	1
7	500	0.145	0.20	1000	124
7	100	0.145	0.20	20000	1
7	10000	0.145	0.20	7000	7
19	1000	0.145	0.20	6000	19
9	30000	0.145	0.20	6000	7
7	500	0.145	0.21	20000	1
80	40000	0.145	0.21	1300	124



Markets



Portfolio 2



Quotes



News



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August 5, 2025

V:HPQ Market Book By Order 09:05:33

Bid						Ask					
Spec	Time	Broker	ATS	Size	Price	Price	Size	ATS	Broker	Time	Spec
	08-05 07:34	80	V	5,450	0.155	mkt	190	V	2	08-05 07:30	
	08-05 08:08	124	V	12			219	V	9	08-05 08:15	
	08-05 08:34	2	V	5,000		0.15	81	V	53	08-05 08:30	
	08-05 08:43	80	V	1,000		0.155	9,500	V	1	08-05 07:01	
	08-05 08:59	80	V	1,500			500	V	1	08-05 07:01	
	07-30 12:07	7	V	25	0.15		5,000	H	79	08-05 08:00	
	07-31 09:42	7	V	30,000			1,855	V	124	08-05 08:09	
	07-31 10:49	79	V	35,000			1,000	V	9	08-05 08:15	
	07-31 13:44	19	V	1,000			4,000	V	1	08-05 08:16	
	07-31 13:55	7	V	100		0.16	10,000	V	19	08-01 10:06	
	07-31 15:40	124	V	4,200			20,000	A	1	08-01 10:57	
	08-05 07:11	7	V	4,500			4,000	V	1	08-05 07:01	
	08-05 07:11	7	V	320			5,500	V	1	08-05 07:01	
	08-05 07:11	7	V	3,000			30,000	O	1	08-05 08:00	
	08-05 07:11	7	V	200			31,000	O	1	08-05 08:00	
	08-05 07:30	2	V	2,000			20,000	H	79	08-05 08:00	
	08-05 07:30	2	V	4,000			10,000	O	1	08-05 08:00	
	08-05 07:30	2	V	434			30,000	O	1	08-05 08:01	
	08-05 07:30	124	V	4,000			25,000	A	33	08-05 08:03	
	08-05 07:32	19	V	2,000			5,000	A	33	08-05 08:03	
	08-05 07:33	80	V	1,000			6,000	V	19	08-05 08:51	
	08-05 07:34	80	V	600		0.165	24,500	V	1	08-05 07:01	
	08-05 07:36	7	V	1,000			25,000	V	1	08-05 07:01	
	08-05 07:36	7	V	229		0.17	1,033	V	79	08-01 14:32	
	08-05 07:36	7	V	2,000			199,000	V	53	08-05 07:00	
	08-05 07:44	19	V	1,991			10,000	V	1	08-05 07:01	
	08-05 07:45	19	V	700			5,000	V	80	08-05 08:48	
	08-05 08:00	79	H	22,000		0.175	50,000	V	1	07-31 10:02	
	08-05 08:16	1	O	10,000			10,000	V	1	08-05 07:01	
	08-05 08:30	13	V	333		0.18	30,000	V	1	07-31 09:22	
	08-05 09:05	1	U	30,000			10,000	V	1	08-05 07:01	
	06-18 10:15	7	V	22,000	0.145		1,000	V	85	08-05 08:16	
	06-18 10:15	7	V	300		0.185	6,666	V	19	07-30 13:29	
	06-18 10:25	7	V	10,000			10,000	V	1	08-05 07:01	
	07-02 09:55	7	V	100		0.19	1,500	V	7	06-23 07:14	
	07-14 08:15	9	V	7,000			320	V	7	06-23 07:14	
	07-22 12:25	7	V	1,000			10,000	V	1	07-16 13:05	
	07-23 07:30	124	V	1,000			9,677	V	19	07-30 10:40	

07-23 09:20	7	V	10,000			17,000	V	19	07-30 12:47	
07-24 07:32	7	V	300			200,000	V	53	08-05 07:00	
07-25 11:36	7	V	500			1,000	V	80	08-05 07:00	
07-25 13:50	7	V	100		0.195	3,500	V	124	06-18 10:10	
07-28 08:48	7	V	10,000		0.20	800	V	1	05-21 13:29	
07-28 15:04	19	V	1,000			1,000	V	124		

August 5, 2025

V:HPQ Market Book By Order 09:21:16

Bid						Ask					
Spec	Time	Broker	ATS	Size	Price	Price	Size	ATS	Broker	Time	Spec
	08-05 07:34	80	V	5,450	0.155	mkt	190	V	2	08-05 07:30	
	08-05 08:08	124	V	12			219	V	9	08-05 08:15	
	08-05 08:34	2	V	5,000		0.15	81	V	53	08-05 08:30	
	08-05 08:43	80	V	1,000		0.155	9,500	V	1	08-05 07:01	
	08-05 08:59	80	V	1,500			500	V	1	08-05 07:01	
	07-30 12:07	7	V	25	0.15		5,000	H	79	08-05 08:00	
	07-31 09:42	7	V	30,000			1,855	V	124	08-05 08:09	
	07-31 10:49	79	V	35,000			1,000	V	9	08-05 08:15	
	07-31 13:44	19	V	1,000			4,000	V	1	08-05 08:16	
	07-31 13:55	7	V	100			2,000	V	80	08-05 09:08	
	07-31 15:40	124	V	4,200		0.16	10,000	V	19	08-01 10:06	
	08-05 07:11	7	V	4,500			20,000	A	1	08-01 10:57	
	08-05 07:11	7	V	320			4,000	V	1	08-05 07:01	
	08-05 07:11	7	V	3,000			5,500	V	1	08-05 07:01	
	08-05 07:11	7	V	200			30,000	O	1	08-05 08:00	
	08-05 07:30	2	V	2,000			31,000	O	1	08-05 08:00	
	08-05 07:30	2	V	4,000			20,000	H	79	08-05 08:00	
	08-05 07:30	2	V	434			10,000	O	1	08-05 08:00	
	08-05 07:30	124	V	4,000			30,000	O	1	08-05 08:01	
	08-05 07:32	19	V	2,000			25,000	A	33	08-05 08:03	
	08-05 07:33	80	V	1,000			5,000	A	33	08-05 08:03	
	08-05 07:34	80	V	600			6,000	V	19	08-05 08:51	
	08-05 07:36	7	V	1,000			25,000	U	1	08-05 09:21	
	08-05 07:36	7	V	229		0.165	24,500	V	1	08-05 07:01	
	08-05 07:36	7	V	2,000			25,000	V	1	08-05 07:01	
	08-05 07:44	19	V	1,991		0.17	1,033	V	79	08-01 14:32	
	08-05 07:45	19	V	700			199,000	V	53	08-05 07:00	
	08-05 08:00	79	H	22,000			10,000	V	1	08-05 07:01	
	08-05 08:16	1	O	10,000			5,000	V	80	08-05 08:48	
	08-05 08:30	13	V	333		0.175	50,000	V	1	07-31 10:02	
	08-05 09:05	1	U	30,000			10,000	V	1	08-05 07:01	

08-05 09:19	1	O	30,000		0.18	30,000	V	1	07-31 09:22	
06-18 10:15	7	V	22,000	0.145		10,000	V	1	08-05 07:01	
06-18 10:15	7	V	300			1,000	V	85	08-05 08:16	
06-18 10:25	7	V	10,000		0.185	6,666	V	19	07-30 13:29	
07-02 09:55	7	V	100			10,000	V	1	08-05 07:01	
07-14 08:15	9	V	7,000		0.19	1,500	V	7	06-23 07:14	
07-22 12:25	7	V	1,000			320	V	7	06-23 07:14	
07-23 07:30	124	V	1,000			10,000	V	1	07-16 13:05	
07-23 09:20	7	V	10,000			9,677	V	19	07-30 10:40	
07-24 07:32	7	V	300			17,000	V	19	07-30 12:47	
07-25 11:36	7	V	500			200,000	V	53	08-05 07:00	
07-25 13:50	7	V	100			1,000	V	80	08-05 07:00	

August 5, 2025

V:HPQ Market Book By Order 09:28:58

Bid						Ask					
Spec	Time	Broker	ATS	Size	Price	Price	Size	ATS	Broker	Time	Spec
	08-05 07:34	80	V	5,450	0.155	mkt	190	V	2	08-05 07:30	
	08-05 08:08	124	V	12			219	V	9	08-05 08:15	
	08-05 08:34	2	V	5,000		0.15	81	V	53	08-05 08:30	
	08-05 08:43	80	V	1,000		0.155	9,500	V	1	08-05 07:01	
	08-05 08:59	80	V	1,500			500	V	1	08-05 07:01	
	08-05 09:28	80	V	508			5,000	H	79	08-05 08:00	
	07-30 12:07	7	V	25	0.15		1,855	V	124	08-05 08:09	
	07-31 09:42	7	V	30,000			1,000	V	9	08-05 08:15	
	07-31 10:49	79	V	35,000			4,000	V	1	08-05 08:16	
	07-31 13:44	19	V	1,000			2,000	V	80	08-05 09:08	
	07-31 13:55	7	V	100		0.16	10,000	V	19	08-01 10:06	
	07-31 15:40	124	V	4,200			20,000	A	1	08-01 10:57	
	08-05 07:11	7	V	4,500			4,000	V	1	08-05 07:01	
	08-05 07:11	7	V	320			5,500	V	1	08-05 07:01	
	08-05 07:11	7	V	3,000			30,000	O	1	08-05 08:00	
	08-05 07:11	7	V	200			31,000	O	1	08-05 08:00	
	08-05 07:30	2	V	2,000			20,000	H	79	08-05 08:00	
	08-05 07:30	2	V	4,000			10,000	O	1	08-05 08:00	
	08-05 07:30	2	V	434			30,000	O	1	08-05 08:01	
	08-05 07:30	124	V	4,000			25,000	A	33	08-05 08:03	
	08-05 07:32	19	V	2,000			5,000	A	33	08-05 08:03	
	08-05 07:33	80	V	1,000			6,000	V	19	08-05 08:51	
	08-05 07:34	80	V	600			25,000	U	1	08-05 09:21	
	08-05 07:36	7	V	1,000		0.165	24,500	V	1	08-05 07:01	
	08-05 07:36	7	V	229			25,000	V	1	08-05 07:01	

08-05 07:36	7	V	2,000		0.17	1,033	V	79	08-01 14:32	
08-05 07:44	19	V	1,991			199,000	V	53	08-05 07:00	
08-05 07:45	19	V	700			10,000	V	1	08-05 07:01	
08-05 08:00	79	H	22,000			5,000	V	80	08-05 08:48	
08-05 08:16	1	O	10,000		0.175	50,000	V	1	07-31 10:02	
08-05 08:30	13	V	333			10,000	V	1	08-05 07:01	
08-05 09:05	1	U	30,000		0.18	30,000	V	1	07-31 09:22	
08-05 09:19	1	O	30,000			10,000	V	1	08-05 07:01	
06-18 10:15	7	V	22,000	0.145		1,000	V	85	08-05 08:16	
06-18 10:15	7	V	300		0.185	6,666	V	19	07-30 13:29	
06-18 10:25	7	V	10,000			10,000	V	1	08-05 07:01	
07-02 09:55	7	V	100		0.19	1,500	V	7	06-23 07:14	
07-14 08:15	9	V	7,000			320	V	7	06-23 07:14	
07-22 12:25	7	V	1,000			10,000	V	1	07-16 13:05	
07-23 07:30	124	V	1,000			9,677	V	19	07-30 10:40	
07-23 09:20	7	V	10,000			17,000	V	19	07-30 12:47	
07-24 07:32	7	V	300			200,000	V	53	08-05 07:00	
07-25 11:36	7	V	500			1,000	V	80	08-05 07:00	
07-25 13:50	7	V	100		0.195	3,500	V	124	06-18 10:10	
07-28 08:48	7	V	10,000		0.20	800	V	1	05-21 13:29	

August 5, 2025

V:HPQ Market Book By Order 09:30:10

Bid						Ask					
Spec	Time	Broker	ATS	Size	Price	Price	Size	ATS	Broker	Time	Spec
	07-30 12:07	7	V	25	0.15	0.155	5,000	H	79	08-05 08:00	
	07-31 09:42	7	V	30,000			1,855	V	124	08-05 08:09	
	07-31 10:49	79	V	35,000			4,000	V	1	08-05 08:16	
	07-31 13:44	19	V	1,000			10,000	Y	79	08-05 09:30	
	07-31 13:55	7	V	100			500	H	1	08-05 09:30	
	07-31 15:40	124	V	4,200			500	V	1	08-05 09:30	
	08-05 07:11	7	V	4,500			14,000	U	1	08-05 09:30	
	08-05 07:11	7	V	320		0.16	10,000	V	19	08-01 10:06	
	08-05 07:11	7	V	3,000			20,000	A	1	08-01 10:57	
	08-05 07:11	7	V	200			4,000	V	1	08-05 07:01	
	08-05 07:30	2	V	2,000			5,500	V	1	08-05 07:01	
	08-05 07:30	2	V	4,000			30,000	O	1	08-05 08:00	
	08-05 07:30	2	V	434			31,000	O	1	08-05 08:00	
	08-05 07:30	124	V	4,000			20,000	H	79	08-05 08:00	
	08-05 07:32	19	V	2,000			10,000	O	1	08-05 08:00	
	08-05 07:33	80	V	1,000			30,000	O	1	08-05 08:01	
	08-05 07:34	80	V	600			25,000	A	33	08-05 08:03	

	08-05 07:36	7	V	1,000			5,000	A	33	08-05 08:03	
	08-05 07:36	7	V	229			6,000	V	19	08-05 08:51	
	08-05 07:36	7	V	2,000			25,000	U	1	08-05 09:21	
	08-05 07:44	19	V	1,991			10,000	V	79	08-05 09:30	
	08-05 07:45	19	V	700		0.165	24,500	V	1	08-05 07:01	
	08-05 08:00	79	H	22,000			25,000	V	1	08-05 07:01	
	08-05 08:16	1	O	10,000		0.17	1,033	V	79	08-01 14:32	
	08-05 09:05	1	U	30,000			1,000	V	53	08-05 07:00	
	08-05 09:19	1	O	30,000			10,000	V	1	08-05 07:01	
	08-05 09:30	13	V	333			5,000	V	80	08-05 08:48	
	08-05 09:30	1	V	500			500	H	53	08-05 09:30	
	08-05 09:30	1	U	5,500			500	O	1	08-05 09:30	
	08-05 09:30	79	Y	10,000		0.175	50,000	V	1	07-31 10:02	
	06-18 10:15	7	V	22,000	0.145		10,000	V	1	08-05 07:01	
	06-18 10:15	7	V	300		0.18	30,000	V	1	07-31 09:22	
	06-18 10:25	7	V	10,000			10,000	V	1	08-05 07:01	
	07-02 09:55	7	V	100			1,000	V	85	08-05 08:16	
	07-14 08:15	9	V	7,000		0.185	6,666	V	19	07-30 13:29	
	07-22 12:25	7	V	1,000			10,000	V	1	08-05 07:01	
	07-23 07:30	124	V	1,000		0.19	1,500	V	7	06-23 07:14	
	07-23 09:20	7	V	10,000			320	V	7	06-23 07:14	
	07-24 07:32	7	V	300			10,000	V	1	07-16 13:05	
	07-25 11:36	7	V	500			9,677	V	19	07-30 10:40	
	07-25 13:50	7	V	100			17,000	V	19	07-30 12:47	
	07-28 08:48	7	V	10,000			1,000	V	53	08-05 07:00	
	07-28 15:04	19	V	1,000			1,000	V	80	08-05 07:00	
	07-29 11:19	9	V	30,000			500	H	53	08-05 09:30	
	07-30 08:23	7	V	500			500	O	1	08-05 09:30	
	08-01 09:37	80	V	40,000		0.195	3,500	V	124	06-18 10:10	

06:59

**HPQ Depth by Order**

7	300	0.145	0.155	6000	19
7	100	0.145	0.155	35000	79
7	300	0.145	0.155	30000	7
7	100	0.145	0.16	10000	19
7	293	0.145	0.16	1000	19
79	33333	0.145	0.165	2000	124
7	5000	0.145	0.17	1033	79
85	250K	0.145	0.175	50000	1
80	30000	0.145	0.18	30000	1
1	10000	0.145	0.18	1000	85
124	3925	0.14	0.18	18500	7
19	1500	0.14	0.18	3	7
79	3000	0.14	0.18	10000	7
7	90000	0.14	0.185	6666	19
124	314	0.14	0.19	1500	7
124	500	0.14	0.19	320	7
19	1000	0.14	0.19	10000	1
80	30000	0.14	0.19	9677	19
7	7500	0.13	0.19	17000	19
19	1500	0.13	0.19	10000	7
19	30000	0.12	0.195	3500	124
19	2000	0.12	0.20	800	1



Markets



Portfolio 2



Quotes



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07:00



HPQ Depth by Order

7	300	0.145	0.155	6000	19
7	100	0.145	0.155	35000	79
7	300	0.145	0.155	30000	7
7	100	0.145	0.16	10000	19
7	293	0.145	0.16	1000	19
79	33333	0.145	0.165	2000	124
7	5000	0.145	0.17	1033	79
85	250K	0.145	0.17	199K	53
80	30000	0.145	0.175	50000	1
1	10000	0.145	0.18	30000	1
124	3925	0.14	0.18	1000	85
19	1500	0.14	0.18	18500	7
79	3000	0.14	0.18	3	7
7	90000	0.14	0.18	10000	7
124	314	0.14	0.185	6666	19
124	500	0.14	0.19	1500	7
19	1000	0.14	0.19	320	7
80	30000	0.14	0.19	10000	1
7	7500	0.13	0.19	9677	19
19	1500	0.13	0.19	17000	19
19	30000	0.12	0.19	10000	7
19	2000	0.12	0.19	200K	53



Markets



Portfolio 2



Quotes



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V:HPQ Market Book By Order 08:58:13

Bid						Ask					
Spec	Time	Broker	ATS	Size	Price	Price	Size	ATS	Broker	Time	Spec
	08-06 07:14	7	V	25,000	0.15	mkt	430	V	7	08-06 07:32	
	08-06 07:31	19	V	6,000		0.15	15,000	V	1	08-06 07:42	
	08-06 07:32	7	V	1,354			8,000	V	1	08-06 07:59	
	08-06 07:32	80	V	1,000			974	V	53	08-06 08:30	
	08-06 07:58	80	V	2,000			1,500	V	1	08-06 08:52	
	08-06 08:25	7	V	200			5,000	V	19	08-06 08:58	
	08-06 08:30	13	V	3,000		0.155	6,000	V	19	08-05 11:44	
	08-06 08:30	13	V	3,000			35,000	V	79	08-05 12:35	
	08-06 08:37	80	V	500			30,000	V	7	08-05 13:55	
	06-18 10:15	7	V	300	0.145		10,000	V	1	08-06 07:01	
	07-02 09:55	7	V	100			10,000	V	1	08-06 07:01	
	07-24 07:32	7	V	300			90,000	O	1	08-06 08:00	
	07-25 13:50	7	V	100			12,500	H	79	08-06 08:00	
	08-05 07:11	7	V	293			13,000	S	1	08-06 08:00	
	08-05 11:43	79	V	33,333			13,500	O	1	08-06 08:00	
	08-05 14:09	7	V	5,000			9,000	A	33	08-06 08:52	
	08-05 15:11	85	V	250,000			1,000	A	33	08-06 08:52	
	08-05 15:14	80	V	30,000		0.16	10,000	V	19	08-01 10:06	
	08-05 15:51	1	A	10,000			1,000	V	19	08-05 12:10	
	08-06 07:00	80	V	1,000			1,033	V	79	08-06 07:00	
	08-06 07:14	7	V	6,500			6,000	V	80	08-06 07:00	
	08-06 07:14	7	V	396		0.165	2,000	V	124	08-05 10:38	
	08-06 07:32	80	V	10,000			24,500	V	1	08-06 07:01	
	08-06 07:32	7	V	500			25,000	V	1	08-06 07:01	
	08-06 08:00	1	U	50,000			20,000	V	2	08-06 07:30	
	08-06 08:00	1	O	20,000		0.17	199,000	V	53	08-06 07:00	
	08-06 08:00	79	H	36,000			5,000	V	80	08-06 07:00	
	08-06 08:00	1	O	30,000			1,000	V	80	08-06 07:00	
	08-06 08:00	1	O	30,000			10,000	V	1	08-06 07:01	
	08-06 08:00	1	U	30,000			1,000	V	124	08-06 07:30	
	08-06 08:00	1	U	30,000		0.175	50,000	V	1	07-31 10:02	
	08-06 08:01	1	O	50,000			10,000	V	1	08-06 07:01	
	08-06 08:02	1	O	30,000		0.18	30,000	V	1	07-31 09:22	
	08-06 08:03	1	U	18,000			1,000	V	85	08-05 08:16	
	08-06 08:15	85	V	12,000			18,500	V	7	08-05 11:13	
	06-13 10:53	124	V	3,925	0.14		3	V	7	08-05 11:13	
	07-03 07:36	19	V	1,500			10,000	V	7	08-05 11:56	
	07-23 09:45	79	V	3,000			1,000	V	80	08-06 07:00	

08-01 13:39	7	V	90,000			10,000	V	1	08-06 07:01	
08-01 15:56	124	V	314			1,000	V	124	08-06 07:30	
08-05 11:42	124	V	500		0.185	6,666	V	19	07-30 13:29	
08-05 12:10	19	V	1,000			10,000	V	1	08-06 07:01	
08-05 15:15	80	V	30,000		0.19	1,500	V	7	06-23 07:14	
08-06 07:00	80	V	500			320	V	7	06-23 07:14	
08-06 07:01	1	V	50,000			10,000	V	1	07-16 13:05	
08-06 07:30	2	V	2,500			9,677	V	19	07-30 10:40	
08-06 07:30	2	V	100			17,000	V	19	07-30 12:47	
08-06 07:32	7	V	1,000			10,000	V	7	08-05 11:52	
08-06 08:00	79	H	20,000			200,000	V	53	08-06 07:00	
08-06 08:15	9	V	7,000			1,000	V	80	08-06 07:00	

V:HPQ Market Book By Order 09:04:12

Bid						Ask					
Spec	Time	Broker	ATS	Size	Price	Price	Size	ATS	Broker	Time	Spec
	08-06 07:14	7	V	25,000	0.155	mkt	430	V	7	08-06 07:32	
	08-06 07:32	80	V	1,000		0.155	6,000	V	19	08-05 11:44	
	08-06 07:31	19	V	6,000	0.15		35,000	V	79	08-05 12:35	
	08-06 07:32	7	V	1,354			30,000	V	7	08-05 13:55	
	08-06 07:58	80	V	2,000			10,000	V	1	08-06 07:01	
	08-06 08:25	7	V	200			10,000	V	1	08-06 07:01	
	08-06 08:30	13	V	3,000			15,000	V	1	08-06 07:42	
	08-06 08:30	13	V	3,000			8,000	V	1	08-06 07:59	
	08-06 08:37	80	V	500			90,000	O	1	08-06 08:00	
	06-18 10:15	7	V	300	0.145		12,500	H	79	08-06 08:00	
	07-02 09:55	7	V	100			13,000	S	1	08-06 08:00	
	07-24 07:32	7	V	300			13,500	O	1	08-06 08:00	
	07-25 13:50	7	V	100			974	V	53	08-06 08:30	
	08-05 07:11	7	V	293			1,500	V	1	08-06 08:52	
	08-05 11:43	79	V	33,333			9,000	A	33	08-06 08:52	
	08-05 14:09	7	V	5,000			1,000	A	33	08-06 08:52	
	08-05 15:11	85	V	250,000		0.16	10,000	V	19	08-01 10:06	
	08-05 15:14	80	V	30,000			1,000	V	19	08-05 12:10	
	08-05 15:51	1	A	10,000			1,033	V	79	08-06 07:00	
	08-06 07:00	80	V	1,000			6,000	V	80	08-06 07:00	
	08-06 07:14	7	V	6,500		0.165	2,000	V	124	08-05 10:38	
	08-06 07:14	7	V	396			24,500	V	1	08-06 07:01	
	08-06 07:32	80	V	10,000			25,000	V	1	08-06 07:01	
	08-06 07:32	7	V	500			20,000	V	2	08-06 07:30	
	08-06 08:00	1	U	50,000		0.17	199,000	V	53	08-06 07:00	
	08-06 08:00	1	O	20,000			5,000	V	80	08-06 07:00	

	08-06 08:00	79	H	36,000			1,000	V	80	08-06 07:00	
	08-06 08:00	1	O	30,000			10,000	V	1	08-06 07:01	
	08-06 08:00	1	O	30,000			1,000	V	124	08-06 07:30	
	08-06 08:00	1	U	30,000		0.175	50,000	V	1	07-31 10:02	
	08-06 08:00	1	U	30,000			10,000	V	1	08-06 07:01	
	08-06 08:01	1	O	50,000		0.18	30,000	V	1	07-31 09:22	
	08-06 08:02	1	O	30,000			1,000	V	85	08-05 08:16	
	08-06 08:03	1	U	18,000			18,500	V	7	08-05 11:13	
	08-06 08:15	85	V	12,000			3	V	7	08-05 11:13	
	08-06 09:04	7	V	20,000			10,000	V	7	08-05 11:56	
	06-13 10:53	124	V	3,925	0.14		1,000	V	80	08-06 07:00	
	07-03 07:36	19	V	1,500			10,000	V	1	08-06 07:01	
	07-23 09:45	79	V	3,000			1,000	V	124	08-06 07:30	
	08-01 13:39	7	V	90,000		0.185	6,666	V	19	07-30 13:29	
	08-01 15:56	124	V	314			10,000	V	1	08-06 07:01	
	08-05 11:42	124	V	500		0.19	1,500	V	7	06-23 07:14	
	08-05 12:10	19	V	1,000			320	V	7	06-23 07:14	
	08-05 15:15	80	V	30,000			10,000	V	1	07-16 13:05	
	08-06 07:00	80	V	500			9,677	V	19	07-30 10:40	
	08-06 07:01	1	V	50,000			17,000	V	19	07-30 12:47	
	08-06 07:30	2	V	2,500			10,000	V	7	08-05 11:52	
	08-06 07:30	2	V	100			200,000	V	53	08-06 07:00	
	08-06 07:32	7	V	1,000			1,000	V	80	08-06 07:00	
	08-06 08:00	79	H	20,000		0.195	3,500	V	124	06-18 10:10	

V:HPQ Market Book By Order 09:28:08

Bid						Ask					
Spec	Time	Broker	ATS	Size	Price	Price	Size	ATS	Broker	Time	Spec
	08-06 07:14	7	V	25,000	0.155	mkt	430	V	7	08-06 07:32	
	08-06 07:32	80	V	1,000		0.155	6,000	V	19	08-05 11:44	
	08-06 07:31	19	V	6,000	0.15		35,000	V	79	08-05 12:35	
	08-06 07:32	7	V	1,354			30,000	V	7	08-05 13:55	
	08-06 07:58	80	V	2,000			10,000	V	1	08-06 07:01	
	08-06 08:25	7	V	200			10,000	V	1	08-06 07:01	
	08-06 08:30	13	V	3,000			15,000	V	1	08-06 07:42	
	08-06 08:30	13	V	3,000			8,000	V	1	08-06 07:59	
	08-06 08:37	80	V	500			90,000	O	1	08-06 08:00	
	08-06 09:16	80	V	1,500			12,500	H	79	08-06 08:00	
	06-18 10:15	7	V	300	0.145		13,000	S	1	08-06 08:00	
	07-02 09:55	7	V	100			13,500	O	1	08-06 08:00	
	07-24 07:32	7	V	300			974	V	53	08-06 08:30	
	07-25 13:50	7	V	100			1,500	V	1	08-06 08:52	

08-05 07:11	7	V	293			9,000	A	33	08-06 08:52	
08-05 11:43	79	V	33,333			1,000	A	33	08-06 08:52	
08-05 14:09	7	V	5,000			25,000	U	1	08-06 09:14	
08-05 15:11	85	V	250,000			199	V	124	08-06 09:27	
08-05 15:14	80	V	30,000		0.16	10,000	V	19	08-01 10:06	
08-05 15:51	1	A	10,000			1,000	V	19	08-05 12:10	
08-06 07:00	80	V	1,000			1,033	V	79	08-06 07:00	
08-06 07:14	7	V	6,500			6,000	V	80	08-06 07:00	
08-06 07:14	7	V	396		0.165	2,000	V	124	08-05 10:38	
08-06 07:32	80	V	10,000			24,500	V	1	08-06 07:01	
08-06 07:32	7	V	500			25,000	V	1	08-06 07:01	
08-06 08:00	1	U	50,000			20,000	V	2	08-06 07:30	
08-06 08:00	1	O	20,000		0.17	199,000	V	53	08-06 07:00	
08-06 08:00	79	H	36,000			5,000	V	80	08-06 07:00	
08-06 08:00	1	O	30,000			1,000	V	80	08-06 07:00	
08-06 08:00	1	O	30,000			10,000	V	1	08-06 07:01	
08-06 08:00	1	U	30,000			1,000	V	124	08-06 07:30	
08-06 08:00	1	U	30,000		0.175	50,000	V	1	07-31 10:02	
08-06 08:01	1	O	50,000			10,000	V	1	08-06 07:01	
08-06 08:02	1	O	30,000		0.18	30,000	V	1	07-31 09:22	
08-06 08:03	1	U	18,000			1,000	V	85	08-05 08:16	
08-06 08:15	85	V	12,000			18,500	V	7	08-05 11:13	
08-06 09:04	7	V	20,000			3	V	7	08-05 11:13	
06-13 10:53	124	V	3,925	0.14		10,000	V	7	08-05 11:56	
07-03 07:36	19	V	1,500			1,000	V	80	08-06 07:00	
07-23 09:45	79	V	3,000			10,000	V	1	08-06 07:01	
08-01 13:39	7	V	90,000			1,000	V	124	08-06 07:30	
08-01 15:56	124	V	314		0.185	6,666	V	19	07-30 13:29	
08-05 11:42	124	V	500			10,000	V	1	08-06 07:01	
08-05 12:10	19	V	1,000		0.19	1,500	V	7	06-23 07:14	
08-05 15:15	80	V	30,000			320	V	7	06-23 07:14	
08-06 07:00	80	V	500			10,000	V	1	07-16 13:05	
08-06 07:01	1	V	50,000			9,677	V	19	07-30 10:40	
08-06 07:30	2	V	2,500			17,000	V	19	07-30 12:47	
08-06 07:30	2	V	100			10,000	V	7	08-05 11:52	
08-06 07:32	7	V	1,000			200,000	V	53	08-06 07:0	

:HPQ Market Book By Order 09:30:10

Bid						Ask					
Spec	Time	Broker	ATS	Size	Price	Price	Size	ATS	Broker	Time	Spec
	08-06 07:31	19	V	6,000	0.15	0.155	6,000	V	19	08-05 11:44	
	08-06 07:32	7	V	1,354			35,000	V	79	08-05 12:35	
	08-06 07:58	80	V	2,000			29,000	V	7	08-05 13:55	
	08-06 08:25	7	V	200			10,000	V	1	08-06 07:01	
	08-06 08:30	13	V	3,000			10,000	V	1	08-06 07:01	
	08-06 08:30	13	V	3,000			90,000	O	1	08-06 08:00	
	08-06 08:37	80	V	500			12,500	H	79	08-06 08:00	
	08-06 09:16	80	V	1,500			13,000	S	1	08-06 08:00	
	08-06 09:30	1	U	10,000			13,500	O	1	08-06 08:00	
	06-18 10:15	7	V	300	0.145		9,000	A	33	08-06 08:52	
	07-02 09:55	7	V	100			25,000	U	1	08-06 09:14	
	07-24 07:32	7	V	300			199	V	124	08-06 09:27	
	07-25 13:50	7	V	100			10,000	Y	79	08-06 09:30	
	08-05 07:11	7	V	293			14,500	U	1	08-06 09:30	
	08-05 11:43	79	V	33,333		0.16	10,000	V	19	08-01 10:06	
	08-05 14:09	7	V	5,000			1,000	V	19	08-05 12:10	
	08-05 15:11	85	V	250,000			1,033	V	79	08-06 07:00	
	08-05 15:14	80	V	30,000			6,000	V	80	08-06 07:00	
	08-05 15:51	1	A	10,000		0.165	2,000	V	124	08-05 10:38	
	08-06 07:00	80	V	1,000			24,500	V	1	08-06 07:01	
	08-06 07:14	7	V	6,500			25,000	V	1	08-06 07:01	
	08-06 07:14	7	V	396			20,000	V	2	08-06 07:30	
	08-06 07:32	80	V	10,000		0.17	3,500	V	53	08-06 07:00	
	08-06 07:32	7	V	500			5,000	V	80	08-06 07:00	
	08-06 08:00	1	U	50,000			1,000	V	80	08-06 07:00	
	08-06 08:00	1	O	20,000			10,000	V	1	08-06 07:01	
	08-06 08:00	79	H	36,000			1,000	V	124	08-06 07:30	
	08-06 08:00	1	O	30,000			1,000	H	53	08-06 09:30	
	08-06 08:00	1	O	30,000			500	O	1	08-06 09:30	
	08-06 08:00	1	U	30,000		0.175	50,000	V	1	07-31 10:02	
	08-06 08:00	1	U	30,000			10,000	V	1	08-06 07:01	
	08-06 08:01	1	O	50,000		0.18	30,000	V	1	07-31 09:22	
	08-06 08:02	1	O	30,000			1,000	V	85	08-05 08:16	
	08-06 08:03	1	U	18,000			18,500	V	7	08-05 11:13	
	08-06 08:15	85	V	12,000			3	V	7	08-05 11:13	
	08-06 09:04	7	V	20,000			10,000	V	7	08-05 11:56	
	06-13 10:53	124	V	3,925	0.14		1,000	V	80	08-06 07:00	
	07-03 07:36	19	V	1,500			10,000	V	1	08-06 07:01	

07-23 09:45	79	V	3,000			1,000	V	124	08-06 07:30	
08-01 13:39	7	V	90,000		0.185	6,666	V	19	07-30 13:29	
08-01 15:56	124	V	314			10,000	V	1	08-06 07:01	
08-05 11:42	124	V	500		0.19	1,500	V	7	06-23 07:14	
08-05 12:10	19	V	1,000			320	V	7	06-23 07:14	
08-05 15:15	80	V	30,000			10,000	V	1	07-16 13:05	
08-06 07:00	80	V	500			9,677	V	19	07-30 10:40	
08-06 07:01	1	V	50,000			17,000	V	19	07-30 12:47	
08-06 07:30	2	V	2,500			10,000	V	7	08-05 11:52	
08-06 07:30	2	V	100			3,500	V	53	08-06 07:00	
08-06 07:32	7	V	1,000			1,000	V	80	08-06 07:00	
08-06 08:00	79	H	20,000			1,000	H	53	08-06 09:30	

V:HPQ Market Book By Order 09:55:06

Bid						Ask					
Spec	Time	Broker	ATS	Size	Price	Price	Size	ATS	Broker	Time	Spec
	08-06 07:31	19	V	6,000	0.15	0.155	6,000	V	19	08-05 11:44	
	08-06 07:32	7	V	1,354			35,000	V	79	08-05 12:35	
	08-06 07:58	80	V	2,000			29,000	V	7	08-05 13:55	
	08-06 08:25	7	V	200			10,000	V	1	08-06 07:01	
	08-06 08:30	13	V	3,000			10,000	V	1	08-06 07:01	
	08-06 08:30	13	V	3,000			90,000	O	1	08-06 08:00	
	08-06 08:37	80	V	500			12,500	H	79	08-06 08:00	
	08-06 09:16	80	V	1,500			13,000	S	1	08-06 08:00	
	08-06 09:31	1	H	1,000			13,500	O	1	08-06 08:00	
	08-06 09:31	1	U	5,000			25,000	U	1	08-06 09:14	
	08-06 09:37	79	H	10,000			199	V	124	08-06 09:27	
	08-06 09:37	1	U	6,500			10,000	Y	79	08-06 09:30	
	08-06 09:37	79	V	5,000			500	V	1	08-06 09:31	
	08-06 09:37	1	O	12,500			50,000	V	19	08-06 09:31	
	08-06 09:40	1	V	500			13,500	A	33	08-06 09:32	
	08-06 09:44	2	H	500			15,000	A	79	08-06 09:40	
	08-06 09:44	2	H	500			4,000	V	1	08-06 09:43	
	08-06 09:44	2	O	8,000			17,500	H	1	08-06 09:44	
	08-06 09:44	2	O	1,500			17,000	O	1	08-06 09:44	
	08-06 09:44	2	U	1,500			7,500	H	2	08-06 09:45	
	08-06 09:44	2	Y	1,500			10,500	O	2	08-06 09:45	
	08-06 09:54	2	H	6,500			2,000	U	2	08-06 09:45	
	08-06 09:54	2	O	1,000			2,000	Y	2	08-06 09:45	
	08-06 09:54	2	U	500			17,000	U	1	08-06 09:54	
	08-06 09:54	2	U	5,500		0.16	10,000	V	19	08-01 10:06	
	08-06 09:54	85	V	250,000			1,000	V	19	08-05 12:10	

	08-06 09:54	2	Y	500			1,033	V	79	08-06 07:00	
	06-18 10:15	7	V	300	0.145		6,000	V	80	08-06 07:00	
	07-02 09:55	7	V	100			9,000	O	1	08-06 09:55	
	07-24 07:32	7	V	300		0.165	2,000	V	124	08-05 10:38	
	07-25 13:50	7	V	100			24,500	V	1	08-06 07:01	
	08-05 07:11	7	V	293			25,000	V	1	08-06 07:01	
	08-05 11:43	79	V	33,333			20,000	V	2	08-06 07:30	
	08-05 14:09	7	V	5,000		0.17	3,500	V	53	08-06 07:00	
	08-05 15:14	80	V	30,000			5,000	V	80	08-06 07:00	
	08-05 15:51	1	A	10,000			1,000	V	80	08-06 07:00	
	08-06 07:00	80	V	1,000			10,000	V	1	08-06 07:01	
	08-06 07:14	7	V	6,500			1,000	V	124	08-06 07:30	
	08-06 07:14	7	V	396			1,000	H	53	08-06 09:30	
	08-06 07:32	80	V	10,000			500	O	1	08-06 09:30	
	08-06 07:32	7	V	500			500	P	1	08-06 09:46	
	08-06 08:00	1	U	50,000		0.175	50,000	V	1	07-31 10:02	
	08-06 08:00	1	O	20,000			10,000	V	1	08-06 07:01	

V:HPQ Market Book By Order 09:56:26

Bid						Ask					
Spec	Time	Broker	ATS	Size	Price	Price	Size	ATS	Broker	Time	Spec
	08-06 07:31	19	V	6,000	0.15	0.155	6,000	V	19	08-05 11:44	
	08-06 07:32	7	V	1,354			35,000	V	79	08-05 12:35	
	08-06 07:58	80	V	2,000			29,000	V	7	08-05 13:55	
	08-06 08:25	7	V	200			10,000	V	1	08-06 07:01	
	08-06 08:30	13	V	3,000			10,000	V	1	08-06 07:01	
	08-06 08:30	13	V	3,000			90,000	O	1	08-06 08:00	
	08-06 08:37	80	V	500			12,500	H	79	08-06 08:00	
	08-06 09:16	80	V	1,500			13,000	S	1	08-06 08:00	
	08-06 09:31	1	H	1,000			13,500	O	1	08-06 08:00	
	08-06 09:37	79	H	10,000			25,000	U	1	08-06 09:14	
	08-06 09:37	1	U	6,500			199	V	124	08-06 09:27	
	08-06 09:37	79	V	5,000			10,000	Y	79	08-06 09:30	
	08-06 09:37	1	O	12,500			500	V	1	08-06 09:31	
	08-06 09:40	1	V	500			15,000	A	79	08-06 09:40	
	08-06 09:44	2	H	500			4,000	V	1	08-06 09:43	
	08-06 09:44	2	H	500			17,500	H	1	08-06 09:44	
	08-06 09:44	2	O	8,000			17,000	O	1	08-06 09:44	
	08-06 09:44	2	O	1,500			7,500	H	2	08-06 09:45	
	08-06 09:44	2	U	1,500			10,500	O	2	08-06 09:45	
	08-06 09:44	2	Y	1,500			2,000	U	2	08-06 09:45	
	08-06 09:54	2	H	6,500			2,000	Y	2	08-06 09:45	

	08-06 09:54	2	O	1,000			17,000	U	1	08-06 09:54	
	08-06 09:54	2	U	500		0.16	10,000	V	19	08-01 10:06	
	08-06 09:54	2	U	5,500			1,000	V	19	08-05 12:10	
	08-06 09:54	85	V	250,000			1,033	V	79	08-06 07:00	
	08-06 09:54	2	Y	500			6,000	V	80	08-06 07:00	
	08-06 09:56	1	A	15,000			9,000	O	1	08-06 09:55	
	08-06 09:56	1	H	2,500		0.165	2,000	V	124	08-05 10:38	
	08-06 09:56	1	O	30,000			24,500	V	1	08-06 07:01	
	06-18 10:15	7	V	300	0.145		25,000	V	1	08-06 07:01	
	07-02 09:55	7	V	100			20,000	V	2	08-06 07:30	
	07-24 07:32	7	V	300		0.17	3,500	V	53	08-06 07:00	
	07-25 13:50	7	V	100			5,000	V	80	08-06 07:00	
	08-05 07:11	7	V	293			1,000	V	80	08-06 07:00	
	08-05 11:43	79	V	33,333			10,000	V	1	08-06 07:01	
	08-05 14:09	7	V	5,000			1,000	V	124	08-06 07:30	
	08-05 15:14	80	V	30,000			1,000	H	53	08-06 09:30	
	08-05 15:51	1	A	10,000			500	O	1	08-06 09:30	
	08-06 07:00	80	V	1,000			500	P	1	08-06 09:46	
	08-06 07:14	7	V	6,500		0.175	50,000	V	1	07-31 10:02	
	08-06 07:14	7	V	396			10,000	V	1	08-06 07:01	
	08-06 07:32	80	V	10,000		0.18	30,000	V	1	07-31 09:22	
	08-06 07:32	7	V	500			1,000	V	85	08-05 08:16	
	08-06 08:00	1	U	50,000			18,500	V	7	08-05 11:13	
	08-06 08:00	1	O	20,000			3	V	7	08-05 11:13	
	08-06 08:00	79	H	36,000			10,000	V	7	08-05 11:56	
	08-06 08:00	1	O	30,000			1,000	V	80	08-06 07:00	
	08-06 08:00	1	U	30,000			10,000	V	1	08-06 07:01	
	08-06 08:00	1	U	30,000			1,000	V	124	08-06 07:30	
	08-06 08:01	1	O	50,000		0.185	6,666	V	19	07-30 13:29	
	08-06 08:02	1	O	30,000			10,000	V	1	08-06 07:01	
	08-06 08:03	1	U	18,000		0.19	1,500	V	7	06-23 07:14	
	08-06 08:15	85	V	12,000			320	V	7	06-23 07:14	
	08-06 09:04	7	V	20,000			10,000	V	1	07-16 13:05	
	06-13 10:53	124	V	3,925	0.14		9,677	V	19	07-30 10:40	
	07-03 07:36	19	V	1,500			17,000	V	19	07-30 12:47	
	07-23 09:45	79	V	3,000			10,000	V	7	08-05 11:52	
	08-01 13:39	7	V	90,000			3,500	V	53	08-06 07:00	
	08-01 15:56	124	V	314			1,000	V	80	08-06 07:00	
	08-05 11:42	124	V	500			1,000	H	53	08-06 09:30	
	08-05 12:10	19	V	1,000			500	O	1	08-06 09:30	
	08-05 15:15	80	V	30,000		0.195	3,500	V	124	06-18 10:10	
	08-06 07:00	80	V	500		0.20	800	V	1	05-21 13:29	

08-06 07:01	1	V	50,000			1,000	V	124	07-10 07:30	
08-06 07:30	2	V	2,500			20,000	V	1	07-16 13:07	
08-06 07:30	2	V	100			7,000	V	7	07-24 15:17	
08-06 07:32	7	V	1,000			6,000	V	19	07-30 14:35	
08-06 08:00	79	H	20,000			6,000	V	7	08-01 09:52	
08-06 08:15	9	V	7,000		0.21	20,000	V	1	07-16 13:07	
08-06 08:34	80	V	40,000			1,300	V	124	07-31 13:07	
08-06 09:43	1	H	15,000			3,500	V	80	08-06 07:00	
08-06 07:00	80	V	500	0.135	0.215	25,000	V	1	08-06 07:01	
08-06 09:46	1	P	500			25,000	V	1	08-06 07:01	
06-09 15:20	7	V	7,500	0.13		25,000	V	1	08-06 07:01	
06-24 15:28	19	V	1,500			25,000	V	1	08-06 07:01	
08-06 07:00	80	V	500			25,000	V	1	08-06 07:01	
08-06 07:12	1	V	5,000	0.125		25,000	V	1	08-06 07:01	
07-28 14:15	19	V	30,000	0.12		25,000	V	1	08-06 07:01	
08-05 08:09	19	V	2,000			25,000	V	1	08-06 07:01	
08-06 07:01	1	V	50,000			25,000	V	1	08-06 07:01	
08-06 09:30	79	A	15,000	0.115		25,000	V	1	08-06 07:01	
07-24 07:36	19	V	500	0.11	0.22	21,000	V	19	07-03 10:18	
08-06 07:45	1	V	5,000			37,612	V	19	07-31 09:48	
08-06 09:42	1	H	20,000		0.245	3,500	V	19	06-18 09:45	
08-06 09:30	1	V	1,500	0.105		10,000	V	7	07-04 09:37	
08-06 09:30	1	X	1,500		0.25	55	V	7	06-04 07:31	
07-08 11:35	124	V	4,000	0.10		5,000	V	19	06-18 15:24	
08-06 07:30	2	V	7,000			292	V	7	07-09 07:32	
07-30 10:05	80	V	50	0.085		10,000	V	53	08-06 07:00	
07-31 09:38	7	V	1,000	0.05		1,000	V	80	08-06 07:00	
08-06 07:30	2	V	235,000	0.015	0.27	1,000	V	1	08-06 07:01	
08-06 07:30	2	V	375,000	0.01	0.30	3,000	V	85	05-28 10:32	
07-30 09:19	1	V	30,000	0.005		13,000	V	7	07-09 07:13	
08-06 07:30	2	V	300,000		0.33	5,000	V	2	08-06 07:30	
08-06 07:30	2	V	200,000		0.34	3,000	V	9	07-21 08:15	
08-06 07:30	2	V	350,000		0.35	2,957	V	19	05-20 07:45	
						3,000	V	124	06-20 15:08	
						10,000	V	80	08-06 07:00	
					0.36	10,000	V	7	07-03 07:09	
						2,000	V	7	08-05 07:11	
						1,500	V	80	08-06 07:00	
						500	X	1	08-06 09:30	
					0.38	58,942	V	7	06-03 14:11	
						3,000	V	124	06-10 07:30	
						10,000	V	7	07-03 10:44	

V:HPQ Market Book By Order 10:21:47

Bid						Ask					
Spec	Time	Broker	ATS	Size	Price	Price	Size	ATS	Broker	Time	Spec
	08-06 07:31	19	V	6,000	0.15	0.155	6,000	V	19	08-05 11:44	
	08-06 07:32	7	V	1,354			35,000	V	79	08-05 12:35	
	08-06 07:58	80	V	2,000			15,000	V	7	08-05 13:55	
	08-06 08:25	7	V	200			10,000	V	1	08-06 07:01	
	08-06 08:30	13	V	3,000			10,000	V	1	08-06 07:01	
	08-06 08:30	13	V	3,000			12,500	H	79	08-06 08:00	
	08-06 08:37	80	V	500			13,000	S	1	08-06 08:00	
	08-06 09:16	80	V	1,500			13,500	O	1	08-06 08:00	
	08-06 09:31	1	H	1,000			25,000	U	1	08-06 09:14	
	08-06 09:37	79	H	10,000			199	V	124	08-06 09:27	
	08-06 09:37	1	U	6,500			10,000	Y	79	08-06 09:30	
	08-06 09:37	79	V	5,000			15,000	A	79	08-06 09:40	
	08-06 09:37	1	O	12,500			4,000	V	1	08-06 09:43	
	08-06 09:40	1	V	500			7,500	H	2	08-06 09:45	
	08-06 09:44	2	H	500			6,000	O	2	08-06 09:45	
	08-06 09:44	2	H	500			2,000	U	2	08-06 09:45	
	08-06 09:44	2	O	8,000			2,000	Y	2	08-06 09:45	
	08-06 09:44	2	O	1,500			40,000	O	1	08-06 10:08	
	08-06 09:44	2	U	1,500			500	V	1	08-06 10:08	
	08-06 09:44	2	Y	1,500			8,000	A	33	08-06 10:09	
	08-06 09:54	2	H	6,500			2,000	U	1	08-06 10:10	
	08-06 09:54	2	O	1,000			4,500	O	2	08-06 10:10	
	08-06 09:54	2	U	500		0.16	10,000	V	19	08-01 10:06	
	08-06 09:54	2	U	5,500			1,000	V	19	08-05 12:10	
	08-06 09:54	85	V	250,000			1,033	V	79	08-06 07:00	
	08-06 09:54	2	Y	500			6,000	V	80	08-06 07:00	
	08-06 09:56	1	A	15,000			50,000	O	1	08-06 10:08	
	08-06 09:56	1	H	2,500		0.165	2,000	V	124	08-05 10:38	
	08-06 09:56	1	O	30,000			24,500	V	1	08-06 07:01	
	08-06 10:06	7	V	30,000			25,000	V	1	08-06 07:01	
	08-06 10:06	79	A	15,000			20,000	V	2	08-06 07:30	
	08-06 10:07	1	U	3,000		0.17	3,500	V	53	08-06 07:00	
	08-06 10:08	33	H	16,500			1,000	V	80	08-06 07:00	
	08-06 10:09	1	U	30,000			10,000	V	1	08-06 07:01	
	08-06 10:10	2	U	4,500			1,000	V	124	08-06 07:30	
	08-06 10:16	80	H	500			1,000	H	53	08-06 09:30	
	08-06 10:21	80	V	2,500			500	O	1	08-06 09:30	

	08-06 10:21	80	X	2,500			500	P	1	08-06 09:46	
	06-18 10:15	7	V	300	0.145	0.175	50,000	V	1	07-31 10:02	
	07-02 09:55	7	V	100			10,000	V	1	08-06 07:01	
	07-24 07:32	7	V	300		0.18	30,000	V	1	07-31 09:22	
	07-25 13:50	7	V	100			1,000	V	85	08-05 08:16	
	08-05 07:11	7	V	293			18,500	V	7	08-05 11:13	
	08-05 11:43	79	V	33,333			3	V	7	08-05 11:13	
	08-05 14:09	7	V	5,000			10,000	V	7	08-05 11:56	
	08-05 15:14	80	V	30,000			1,000	V	80	08-06 07:00	
	08-05 15:51	1	A	10,000			10,000	V	1	08-06 07:01	
	08-06 07:00	80	V	1,000			1,000	V	124	08-06 07:30	
	08-06 07:14	7	V	6,500		0.185	6,666	V	19	07-30 13:29	
	08-06 07:14	7	V	396			10,000	V	1	08-06 07:01	
	08-06 07:32	80	V	10,000		0.19	1,500	V	7	06-23 07:14	
	08-06 07:32	7	V	500			320	V	7	06-23 07:14	
	08-06 08:00	1	U	50,000			10,000	V	1	07-16 13:05	
	08-06 08:00	1	O	20,000			9,677	V	19	07-30 10:40	
	08-06 08:00	79	H	36,000			17,000	V	19	07-30 12:47	
	08-06 08:00	1	O	30,000			10,000	V	7	08-05 11:52	
	08-06 08:00	1	U	30,000			3,500	V	53	08-06 07:00	
	08-06 08:01	1	O	50,000			1,000	V	80	08-06 07:00	
	08-06 08:02	1	O	30,000			1,000	H	53	08-06 09:30	
	08-06 08:03	1	U	18,000			500	O	1	08-06 09:30	
	08-06 08:15	85	V	12,000		0.195	3,500	V	124	06-18 10:10	
	08-06 09:04	7	V	20,000		0.20	800	V	1	05-21 13:29	
	06-13 10:53	124	V	3,925	0.14		1,000	V	124	07-10 07:30	
	07-03 07:36	19	V	1,500			20,000	V	1	07-16 13:07	
	08-01 13:39	7	V	90,000			7,000	V	7	07-24 15:17	
	08-01 15:56	124	V	314			6,000	V	19	07-30 14:35	
	08-05 11:42	124	V	500			6,000	V	7	08-01 09:52	
	08-05 12:10	19	V	1,000		0.21	20,000	V	1	07-16 13:07	
	08-05 15:15	80	V	30,000			1,300	V	124	07-31 13:07	
	08-06 07:00	80	V	500			3,500	V	80	08-06 07:00	
	08-06 07:01	1	V	50,000		0.215	25,000	V	1	08-06 07:01	
	08-06 07:30	2	V	2,500			25,000	V	1	08-06 07:01	
	08-06 07:30	2	V	100			25,000	V	1	08-06 07:01	
	08-06 07:32	7	V	1,000			25,000	V	1	08-06 07:01	
	08-06 08:00	79	H	20,000			25,000	V	1	08-06 07:01	
	08-06 08:15	9	V	7,000			25,000	V	1	08-06 07:01	
	08-06 08:34	80	V	40,000			25,000	V	1	08-06 07:01	
	08-06 09:43	1	H	15,000			25,000	V	1	08-06 07:01	
	08-06 07:00	80	V	500	0.135		25,000	V	1	08-06 07:01	

	08-06 09:46	1	P	500			25,000	V	1	08-06 07:01	
	06-09 15:20	7	V	7,500	0.13	0.22	21,000	V	19	07-03 10:18	
	06-24 15:28	19	V	1,500			37,612	V	19	07-31 09:48	
	08-06 07:00	80	V	500		0.245	3,500	V	19	06-18 09:45	
	08-06 07:12	1	V	5,000	0.125		10,000	V	7	07-04 09:37	
	07-28 14:15	19	V	30,000	0.12	0.25	55	V	7	06-04 07:31	
	08-05 08:09	19	V	2,000			5,000	V	19	06-18 15:24	
	08-06 07:01	1	V	50,000			292	V	7	07-09 07:32	
	08-06 09:30	79	A	15,000	0.115		10,000	V	53	08-06 07:00	
	07-24 07:36	19	V	500	0.11		1,000	V	80	08-06 07:00	
	08-06 07:45	1	V	5,000		0.27	1,000	V	1	08-06 07:01	
	08-06 09:42	1	H	20,000		0.30	3,000	V	85	05-28 10:32	
	08-06 09:30	1	V	1,500	0.105		13,000	V	7	07-09 07:13	
	08-06 09:30	1	X	1,500		0.33	5,000	V	2	08-06 07:30	
	07-08 11:35	124	V	4,000	0.10	0.34	3,000	V	9	07-21 08:15	

HPQ AUGUST 6, 2025, Trades:

0:50:52	S	0.155	0.005	2,000	124 Questrade	1 Anonymous	K
10:49:25	A	0.15		2,000	79 CIBC	9 BMO Nesbitt	K
10:44:56	O	0.15		1,000	1 Anonymous	1 Anonymous	K
10:44:56	O	0.15		1,000	2 RBC	1 Anonymous	K
10:44:56	O	0.15		1,500	2 RBC	1 Anonymous	K
10:44:56	O	0.15		7,500	2 RBC	1 Anonymous	K
10:44:56	O	0.15		500	2 RBC	1 Anonymous	K
10:44:56	O	0.15		3,500	1 Anonymous	1 Anonymous	K
10:44:56	O	0.15		9,000	1 Anonymous	1 Anonymous	K
10:44:56	U	0.15		1,000	2 RBC	1 Anonymous	K
10:44:56	U	0.15		8,000	2 RBC	1 Anonymous	K
10:44:56	U	0.15		2,000	2 RBC	1 Anonymous	K
10:44:56	U	0.15		15,000	2 RBC	1 Anonymous	K
10:44:56	V	0.155	0.005	9,000	7 TD Sec	79 CIBC	K
10:44:56	V	0.155	0.005	6,000	7 TD Sec	19 Desjardins	K
10:44:56	V	0.155	0.005	15,000	7 TD Sec	7 TD Sec	K
10:39:53	U	0.15		3,000	2 RBC	1 Anonymous	K