N O	N O	O	O	N O	O O	N I O U	N O	N I O U	N O	N I O	N O	N I O U	N O	N I O U	N O	N I O
2K#" #ž$%&llfž' 5((C"))2K##-	0.60	0.60	0.00	0.00	8.70	0	0.0000	0	0.0000	0	0.0000	0	0.0000			
= ž4 Fž&" 79$Bł ; Cž")= 7= G-	0.80	0.00	0.00	1.68	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000			

A

Cfltl Žžł"#ž$%&llfž' "((C")C* +, -L
N/]' ž&ž"Ž,fl $% ' fl ; ": NttBž"4 ł tż&lll!"l ' Ež$ł ": NttBž"&ž!ł tfl ; ' BflE"? fltB"tBfl"<ž; %ž"E%& %ł ; Łt: "&/4ž"606)ł -)1-)fk-.O

/G-12"34 ž&l$Bł ' 5((C")6C) 7-L
N/]' ž&ž"Ž,fl $% ' fl ; ": NttBž"4 ł tż&lll!"l ' Ež$ł ": NttBž"&ž!ł tfl ; ' BflE"? fltB"tBfl"<ž; %ž"E%& %ł ; Łt: "&/4ž"606)ł -)1-)fk-.O

, 1"79ž$%łfl ; "#ž&f$ž' 5((C")71= = -L
N/]' ž&ž"Ž,fl $% ' fl ; ": NttBž"4 ł tż&lll!"l ' Ež$ł ": NttBž"&ž!ł tfl ; ' BflE"? fltB"tBfl"<ž; %ž"E%& %ł ; Łt: "&/4ž"606)ł -)1-)fk-.O

6 3#* 3>"79ž$%łfl ; "#ž&f$ž' 5((C")6#* >-L
N/]' ž&ž"Ž,fl $% ' fl ; ": NttBž"4 ł tż&lll!"l ' Ež$ł ": NttBž"&ž!ł tfl ; ' BflE"? fltB"tBfl"<ž; %ž"E%& %ł ; Łt: "&/4ž"606)ł -)1-)fk-.O

6ž? "@ &A"#Ł $A"79$Bł ; Cž")6@#7-L
N/]' ž&ž"Ž,fl $% ' fl ; ": NttBž"4 ł tż&lll!"l ' Ež$ł ": NttBž"&ž!ł tfl ; ' BflE"? fltB"tBfl"<ž; %ž"E%& %ł ; Łt: "&/4ž"606)ł -)1-)fk-.O

Dł ; ž"#Ł&žžŁ"Cł Efltl !5((C")D6#1-L
N/]' ž&ž"Ž,fl $% ' fl ; ": NttBž"4 ł tż&lll!"l ' Ež$ł ": NttBž"&ž!ł tfl ; ' BflE"? fltB"tBfl"<ž; %ž"E%& %ł ; Łt: "&/4ž"606)ł -)1-)fk-.O

CF: ž"7* , G"2#"7HY/łtlfž' "79$Bł ; Cž")7* , G-L
N/]' ž&ž"Ž,fl $% ' fl ; ": NttBž"4 ł tż&lll!"l ' Ež$ł ": NttBž"&ž!ł tfl ; ' BflE"? fltB"tBfl"<ž; %ž"E%& %ł ; Łt: "&/4ž"606)ł -)1-)fk-.O

1? : "#fC4 ł "#ž$%&llfž' 5((C")#I J I -L
N/]' ž&ž"Ž,fl $% ' fl ; ": NttBž"4 ł tż&lll!"l ' Ež$ł ": NttBž"&ž!ł tfl ; ' BflE"? fltB"tBfl"<ž; %ž"E%& %ł ; Łt: "&/4ž"606)ł -)1-)fk-.O

2K#"#ž$%&llfž' 5((C")2K##-L
N/]' ž&ž"Ž,fl $% ' fl ; ": NttBž"4 ł tż&lll!"l ' Ež$ł ": NttBž"&ž!ł tfl ; ' BflE"? fltB"tBfl"<ž; %ž"E%& %ł ; Łt: "&/4ž"606)ł -)1-)fk-.O

= ž4 Fž&"79$Bł ; Cž")= 7= G-L
N/]' ž&ž"Ž,fl $% ' fl ; ": NttBž"4 ł tż&lll!"l ' Ež$ł ": NttBž"&ž!ł tfl ; ' BflE"? fltB"tBfl"<ž; %ž"E%& %ł ; Ł"<ž; %ž"E%& %ł ; Łt: "&/4ž"606)/
/G-   ' Ež   ' ž&   ; %   ; %   ; %

N A O	N O	O N O	N O N O	O O N O
100.00	86.12	1.46	10.68	1.77

N O	N O	O	O	N O	O O	N I O U	N O	N I O U	N I O	N I O U	N N O	N N	N I O U	N O O
C f ž ž!" #ž$%&'ž' "((C")C*+,-	33.27	37.48	21.43	14.08	47.37	0	0.0000	0	0.0000	0	0.0000	0	0.0000	0.0000
A /0-12" 34 ž&ž' 5((C")6∅7-	26.86	2.70	38.71	10.81	36.84	00	0.0000	0	0.0000	0			0	

N O	N O	O	O	N O								

A

O

N O	O	O N	N	O O
	N		N	N
A O	O	O	N	O
		O	O	

N A O	N O	O 	O 	N O 	O O O	N I O U	N O	N I O U	N I O	N I O U	N I O	N N O U	N I O	N I O U	N I O
100.00	82.86	1..6	14.38	0.80											

N O	N O	O	O	N O	O O O	N I O U	N O	N I O U	N O	N I O U	N O	N N O U	N O	N I O U	N I O
C冊 Žž!" #ž$%‰fž1' "((C")C*+, - Ä	30..8	38.47	1..08	10.7.	88.86	0	0.0000	0	0.0000	0	0.0000	0	0.0000		
A /O·12" 34 ž8$I ' 5((C")6O 7-	21.60	26.72	42.86	8.83	44.44	0	0.0000	0	0.0000	0	0.0000	0	0.0000		
, 1"79ž$%fI ; " #ž&f$ž' 5((C")71= = -	14.30	17.78	1..08	4..6	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000		
63#*3>" 79ž$%fI ; " #ž&f$ž' 5((C")6#*>-	11.83	0.00	0.00	43.73	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000		

DI ; ž"#ł&žžł"

N0' ž&'Ž'fl'l$% ' fl; "; NłьBž"4 Ⅰ Ⅼž&8Ⅱⅼ!'1 ' Ⅼž'$Ⅼ' "; NłьBž"&ž‼ Ⅼfl; ' BⅡⅡ"? flⅼB"ⅼBfl'l"<ž; %ž'Ⅼ'E'%& %Ⅰ; Ⅼ'Ⅼ' "&'4ž"606)Ⅰ -)1-)fk-.O

6ž? "@ &A"#Ⅰ $A"79$BⅠ ; Cž")6@#7-L
N0' ž&'Ž'fl'l$% ' fl; "; NłьBž"4 Ⅰ Ⅼž&8Ⅱⅼ!'1 ' Ⅼž'$Ⅼ' "; NłьBž"&ž‼ Ⅼfl; ' BⅡⅡ"? flⅼB"ⅼBfl'l"<ž; %ž'Ⅼ'E'%& %Ⅰ; Ⅼ'Ⅼ' "&'4ž"606)Ⅰ -)1-)fk-.O

CF: ž"7* , G"2#"7Ħ%flⅼflž' "79$BⅠ ; Cž")7* , G-L
N0' ž&'Ž'fl'l$% ' fl; "; NłьBž"4 Ⅰ Ⅼž&8Ⅱⅼ!'1 ' Ⅼž'$Ⅼ' "; NłьBž"&ž‼ Ⅼfl; ' BⅡⅡ"? flⅼB"ⅼBfl'l"<ž; %ž'Ⅼ'E'%& %Ⅰ; Ⅼ'Ⅼ' "&'4ž"606)Ⅰ -)1-)fk-.O

1? : "#flC4 Ⅰ "#ž$%&flⅼflž' 5((C")#Ⅰ J Ⅰ -L
N0' ž&'Ž'fl'l$% ' fl; "; NłьBž"4 Ⅰ Ⅼž&8Ⅱⅼ!'1 ' Ⅼž'$Ⅼ' "; NłьBž"&ž‼ Ⅼfl; ' BⅡⅡ"? flⅼB"ⅼBfl'l"<ž; %ž'Ⅼ'E'%& %Ⅰ; Ⅼ'Ⅼ' "&'4ž"606)Ⅰ -)1-)fk-.O

= ž4 Fž& "79$BⅠ ; Cž")= 7= G-L
N0' ž&'Ž'fl'l$% ' fl; "; NłьBž"4 Ⅰ Ⅼž&8Ⅱⅼ!'1 ' Ⅼž'$Ⅼ' "; NłьBž"&ž‼ Ⅼfl; ' BⅡⅡ"? flⅼB"ⅼBfl'l"<ž; %ž'Ⅼ'E'%& %Ⅰ; Ⅼ'Ⅼ' "&'4ž"606)Ⅰ -)1-)fk-.O

2K#"#ž$%&flⅼflž' 5((C")2K##-L
N0' ž&'Ž'fl'l$% ' fl; "; NłьBž"4 Ⅰ Ⅼž&8Ⅱⅼ!'1 ' Ⅼž'$Ⅼ' "; NłьBž"&ž‼ Ⅼfl; ' BⅡⅡ"? flⅼB"ⅼBfl'l"<ž; %ž'Ⅼ'E'%& %Ⅰ; Ⅼ'Ⅼ' "&'4ž"606)Ⅰ -)1-)fk-.O

N

N A O	N O	O N O	N O O N	O O N O
100.00	8. .37	1.82	6.67	2.44

N O	N O	O	O	N O	O O	N Ⅰ O U	N O O	N Ⅰ O U	N O	N Ⅰ O U	N N O	N Ⅰ N O U	N Ⅰ O O U	N Ⅰ O
CflⅠ Žž!"#ž$%&flⅼflž' "((C")C* +, -A A	33.8.	40.47	48.00	2.88	Ø7.80	0	0.0000							

A

N O	N O	O	O	N O	O O	N I O U	N O	I				

A

N A O	N O	O O	N O N O	O O N O
100.00	33.73	2.41	63.86	0.00

N O	N O	O	O	N O	O O	N I O U	N O	I O U	N O	I O U	N O	I O U	N N O	I N O	N I O O U	N O	I O
Cfili Žži"#ž$%%8flfž' " ((C")C* +, -	63.86	82.14	100.00	82.83	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000	0	0.0000
A Q:A<ž8flž" 79ž$%%ifl; " #ž&f$ž' "((C")Q 7GG-	14.46	0.00	0.00	22.64	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000	0	0.0000
#% H%zBi ; ; i " Ci Efili !", & %E")#2#>-	. .64	17.86	0.00	8.66	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000	0	0.0000
i ' B"Rfli ; $fil!" 1ž$B; : !: Cfž' " ((C") 3#J -	7.23	0.00	0.00	11.32	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000	0	0.0000
= : &Ci ; "#i ; !žS" T"C: 4 Ei ; S"((C")= #Ci -	4.82	0.00	0.00	7.88	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000	0	0.0000

A

Cfili Žži"#ž$%%8flfž' "((C")C* +, -L
N0' ž&Žfl$%' fl; ": N±Bž"4 i ±ž&8fl!"i ' Ežsi£ ": N±Bž"&ž!i £fl; ' BfiE"? fliB"±Bfl"<ž; %ž"E%& %i ; i'±: "&4ž"606)i -)1-)fk-.O

Q: !<ž8flž"79ž$%%ifl; "#ž&f$ž' "((C")Q 7GG-L
N0' ž&Žfl$%' fl; ": N±Bž"4 i ±ž&8fl!"i ' Ežsi£ ": N±Bž"&ž!i £fl; ' BfiE"? fliB"±Bfl"<ž; %ž"E%& %i ; i'±: "&4ž"606)i -)1-)fk-.O

#% H%zBi ; ; i "Ci Efili !", & %E")#2#>-L
N0' ž&Žfl$%' fl; ": N±Bž"4 i ±ž&8fl!"i ' Ežsi£ ": N±Bž"&ž!i £fl; ' BfiE"? fliB"±Bfl"<ž; %ž"E%& %i ; i'±: "&4ž"606)i -)1-)fk-.O

i ' B"Rfli ; $fil!"1ž$B; : !: Cfž' "((C") 3#J -L
N0' ž&Žfl$%' fl; ": N±Bž"4 i ±ž&8fl!"i ' Ežsi£ ": N±Bž"&ž!i £fl; ' BfiE"? fliB"±Bfl"<ž; %ž"E%& %i ; i'±: "&4ž"606)i -)1-)fk-.O

= : &Ci ; "#i ; !žS"T"C: 4 Ei ; S"((C")= #Ci -L
N0' ž&Žfl$%' fl; ": N±Bž"4 i ±ž&8fl!"i ' Ežsi£ ": N±Bž"&ž!i £fl; ' BfiE"? fliB"±Bfl"<ž; %ž"E%& %i ; i'±: "&4ž"606)i -)1-)fk-.O

National Financial Services (NFS), our clearing firm, has prepared this report for UnionBanc Investment Services LLC (UBIS) pursuant to U.S Securities and Exchange Commission Rule 606 which requires broker-dealer firms to make publicly available quarterly reports on their routing practices. This report provides information on the routing of "non-directed orders," which are any orders that the customer has not specifically instructed to be routed to a particular venue for execution. For these non-directed orders, UBIS transmits all customer orders to NFS, and NFS selects the execution venue on behalf of UBIS' customers.

UBIS does not direct or Order Route any orders to any venues. UBIS does not receive payment for order flow. Furthermore, UBIS does not have any material relationships with any of the venues identified herein.

The report is divided into the following four sections: (1) Securities listed on the New York Stock Exchange; (2) Securities listed on the NASDAQ Stock Market; (3) Securities listed on NYSE, Amex or Regional Exchanges; and (4) Exchange listed options. For each section, this report identifies the venues most often selected by NFS and sets forth the percentage of various types of orders routed to the venues.