

! "#\$%&' ( ( ) \*%+ , - ) -% , / ) \* , 01230%

"#\$%&&' (!) \*+ , -!./' !0' 1' #' !2#3!4(2#.!5!78#!9' #. ' (!:8(!\$8;621!<#.(' =(' #' % (7/6=!: %#3' 3!+>!6#. ' (#7/6=7!2.!#8#=(8:6.7!2#3!78;621!' #. ' (=67' 7?!

%

45//1)6%789)\*/88:% ; 7!

<#3' 2S8(!67!l' 236#D!2!D18A2!&8S' & '#!.8!; 2.21PE' !18#D0.' (&!'; 8#8&6; !D(8N./!AP!7' 1' ; .6#D-!  
& '#.8(6#D-!2#3!2; ; '1' (2.6#D!./' !A' 7.!O6D/0"&=2; .!<.(' =(' #' %(70!<#3' 2S8(!/' 1=7!O6D/0"&=2; .!  
<.(' =(' #' %(7!%#1' 27/!./' 6(!=8. ' #.62!AP!=(8S63#D!2#!%#(6S21' 3!#. N8(G!8:!7' 278#' 3!A%76#' 77!  
1' 23' (7-IN/8!= (8S63' !./' !G' P!6#D(' 36' #.7!.8!' #.(' =(' #' %(62!7%; ; ' 77?!T' #.8(7/6=-!W' .N8(G7-!  
\$. (2. ' D6; !U3S6; ' -!2#3!"#7=6(2.68#0!

7\*8), )%+?, /58@?:% &  
: 7;"#&;(<%4#45 "%;280\$0";0%" ;2! "#\$#%&'() \*+, !  
RP78#!9811' D' !8: !U(.7!2#3!\$; 6' #; ' 7!  
O87.!C(D2#6E2.68#?!

2#3!8./' (!;6\$6;!D(8%=>7!\$/' !27767.7!N6./!18D67.6;7!8:=(' =2(' 3#' 77!' S' #.7!6#!./' !:6' 13!2#3!6267' 7!N6./!8./' (!D8S' (#&' #.!2D' #;6' 7@!]2.6' !/27!;811';.' 3!7.2.67.6;7!8#!8%.(' 2;/!' ::8(.7-!&836:6' 3!6#.2G' !:8(&7!2#3!&26#.26#' 3!32.2A27' !8.!2D' #;6' 7!b!=816.6;62#7!\$/' !/27!;8#;'.#.(2.' 3!8#!(' 2;/6#D!8%.!.8!%#6S' (76.6' 7!2#3!;8#.6A%.7!:(7.0/2#3!G#8N1' 3D' !:(8&!/'(!6#S81S' &' #.!N6./!O%((6;2#'\$2#3P! ' S2;%2.68#!2.!H2; ' @!

G5/15, %F5/0' H2:% ; 7!

?.;(B(<#0&.0\$#"5&#0(- \$##\$1&5&#0'() \*+, !

@%A6#!\$;/881!8:!B%76# 77!

O87.!C(D2#6E2.68#?!C13' (!U3%1.IL' ;/#818DP!\$' (S6; ' 7!ICUL\$J

K8A!L6.1' ?!9' #.' (!"#.(' #!

W2./2#!=(8S63' 3!7%==8(..!8!CUL\$M' &' (D6#D!. ' ;/#818DP!. /' &' 3!7' #68(!; ' #.' (!=(8D(2&!18;2.' 3!6#!T2#/2..2#!O' !27767.' 3!S676.8(7!N6./!. ' ;/!.21G7!18#' 08#08#' !. ' ;/!.%.8(7' 7768#7!N6./!813' (!23%1.7J-!27767.' 3!27!2!.(26#' (!6#!8%(!;8%(' 7-!2#3!/.1=' 3!N6./!32.2!#. (P!2#3!( ' ; ' =.68#!2.. /' !:(8#.!.3' 7G@!W2./2#!363!2#!' Z; ' 11' #.!8A!O' !(12.' 3!S' (P!N' 11!N6./!21!S676.8(7!2#3!. /' !7.2::!/ ' (' @!

I ' ( )\*5%F1?H15\*:4&

F#G4.5\$0"4#(8>;0&5;()' \*+9!

\$' 63' #A' (D!\$;/881!8!:98&=%.' (!\$;6' #; ' !2#3!"#:8(&2.68#!\$P7.' &7!

O87.!C(D2#6E2.68#?!9CWW<9L!

K8A!L6.1' ?!R2.2A27' !".' (#!

9CWW<9L!67!3' 36;2.' 3!.8!=(' S' #.6#D!6#.(' (= (78#21!S681' #; ' !2#3!= (8&8.6#D!D' #3' (!Y%7.6; ' @!BP!A%6!36#D!=2(. #' (7/6=7!N6./!6#36S63%217!2#3!;8&&%#6.6' 7-!9CWW<9L!7.(6S' 7!.8!/' 1=;! /2#D' !./' !A' 16' :7-!A' /2S68(7!2#3!6#7.6%.68#7!. /2.!-' (= .%2.' !S681' #; ' @!L/(8%D/!!' D21!' &=8N' (&' #.-!D(277(88.7!&8A!6E2.68#!2#3!.(2#7:8(&2.6S' !' 3%;2.68#-!9CWW<9L!7' ' G7!.8!; (' 2.' !72:' !:2&6!6' 7!2#3!= ' 2; ' :!%;8&&%#6.6' 7@!

O%&' (2!N27!2A1' !.8!3' 76D#12#3!6&=1' &' #.!2!32.2A27' !:8(!9CWW<9L!16' #.7@!O' !N8(G' 3!8#!:6Z6#D!(' =8(.7-!2#3!' #/2#, ' 3!. /' !8(D2#6E2.68#M!N' A76.' !./!(8%D/!;8#.' #.!&2#2D' &' #.0%

J8), 5%45\*( ?:%; 7!

45\*0?%45\*/2, :%4 &!  
F#G4.5\$0"4#(8>;0&5;'() \*+,!  
\$'63' #A' (D!\$;/88!8!:98&=%.' (!\$;6' #; ' !2#3!"#:8(&2.68#!\$P7.' &7!  
O87.!C(D2#6E2.68#?!L/' !W' N!F8(G!58&' #M!|[8%#32.68#!WF5[J!  
K8A!L6.1' ?!H(8D(2&I<S21%2.68#"'. (#!  
  
L/' !W' N!F8(G!58&' #M!|[8%#32.68#!67!2!=%A16; I; /2(6.P!:#%#36#D!=(8D(2&7!6#!WF9!. /2.!2(' !N8(G#D!  
.8N2(37! ; 8#8&6; !7' ; % (6.P!:8(!N8&' #!2#3!:2&6! 7!T2(; 8!N8(G' 3!8#!2#!6#. (#21!9C"!=(8Y' ; .!O' !  
N27!2!D(' 2.!233' 3!S21%' !A' ; 2%7' !/ ' !N27!=(8: ' 7768#21!N' 11!7G6!1' 3!2#3!/23!2!D(' 2.!N8(G!2..6.%3' !2#3!  
/2A6.7!O' !N27!D6S' #!2#!6&=8(.2#.!= (8Y' ; ..!8!N8(G!8#!2#3!N27!2A1' !.8!2; ; 8&=167!/. /' !.27G0%  
  
=25, 5%4), -)K:% ; 7!  
- \$#\$1&5#0284%"4-41>2?#0@.464-41>'() \*+H!  
RP78#!9811' D' !8:!U(.7!2#3!\$;6' #; ' 7!  
O87.!C(D2#6E2.68#?!2.6#8!d!9811' D' !U; ; ' 7!  
K8A!L6.1' ?!^' 7' 2(; /!"#. (#!  
  
R62#2M!32P0.8032P!2; .6S6.6' 7!6#S81S' 3!.27G7!7%; /!27!%=32.6#D!78; 62!& ' 362!:8(!@2.6#8!d@\$/ ' !7=' #.  
.6&' !; 8##'; .6#D!N6./!8./' (!8(D2#6E2.68#7!2#3!( ' ; ' 6S6#D!; ' 3A2; G!8#!@2.6#8!dM!N8(G@\$/ ' !363!  
( ' 7' 2(; /!8#!@2.6#8!7.%3' #. !2#3!@2.6#8!; 8&&%#6.6' 7!6#!D' #' (21!L/' (' !N' (' !&2#P!G' P!  
2; ; 8&=167/&' #.7!. /67!7%&&' (-!. /' !6D/16D/. !8: !N/6; /!N27!N8(G6#D!2#3!7=' 2G6#D!. 8!@2.6#8!7.%3' #.7!  
2#3!. /' 6(!:2&6!6' 7!2A8%.!/' (!8N#!=' (78#21! Z=' (6' #; ' !27!2!6(7.!D' #' (2.68#!@2.6#2!; 81! D' !7.%3' #.0%  
  
=5@2-%4?- )0/?:% 7!  
<%4#45 "%; () \*+H!  
RP78#!9811' D' !8:!U(.7!2#3!\$;6' #; ' 7!  
O87.!C(D2#6E2.68#?



. ' 2&!2#3!/' 1=' 3!.8!6#; (' 27' !' #D2D' & ' #.!N6./!; 8#7.6.%' #.7!./ (8%D/!78; 621!& ' 362!2#3!8./' (!8#16#' ! .88170!

087.!C(D2#6E2.68#?!