







. B'?C386?'2<D8678D!

27538F=7'! ; 6D=38:5G; 6'E; : '%?C386?'2<D8678D'

F2+. \$C2,!/#!\$?G\$'0\$C\*\$!(C!\$?2\$C+(HC-!\*\$\*+=,2(C\*\$!60))C\$, ,!0CJ+'K!%!%2#'\$!\$?2\$C+(HC-!  
\*0\*\$\*+=,2(C\*\$8!,+L\*\$0\$C2)K!,0-C0M\*(C2!2%!2\$=G%'('0)K!'\$C. '\$!2#\$=!+C(1)!2%!=\$2!(\*(. \$=0\*!  
'\$N+0'\$=\$C2,!=(K!,+1=02!(!'\$N+\$,2!0%!)\*( (. \$=0\*!\*%C,0. '\$'(H%C!2#'%+-#!2#%!0%))%/0C-!'%+2\$,3!

608!! B%'!=\$. 0\*(!)(1,\$C\*\$,\$!,+1=0PC-!(!F2+. \$C2!<\$ . 0\*(!)Q\$'HM\*(2\$!6F<Q8!,0-C\$. !1K!(!)0\*\$C,\$. !  
=\$. 0\*(!)!%!'=\$C2(!)#\$(!2#!G'(\*HH%C\$'!2%!2#'\$!R\*(. \$=0\*!Q%+C,\$))0C-!%L\*\$!%0!2#'\$0!'B(\*+)2K!%0!  
S\$-0,2'(H%CT!

608!! F+1=0PC-!(GG%'G'0(2\$!. %\*+=\$C2(H%C!0%!C%CU=\$. 0\*(!)(1,\$C\*\$,\$!2%!2#'\$!R\*(. \$=0\*!Q%+C,\$))0C-!  
%L\*\$!0C!2#'\$0!'B(\*+)2K!%0!S\$-0,2'(H%CT!

V%2\$!2#(2!0C!)!\*(,,\$!,2+. \$C2,!('\$!'\$N+0'\$ . !2%!\*\$C2(\*2!2#'\$0!'0C,2'+\*2%',!/02#0C!9D!#%+',!%0!2#'\$!\$C. !%0!  
2#'\$!G\$'0%. !\*%&\$'\$ . !!+C)\$, ,!%2#'\$' /0,\$!0C,2'+\*2\$. !0C!2#'\$!'\*%+',,\$!%+2)0C\$!I!

F2+. \$C2,!/#%+). !(),%1C%2\$!2#(2!0C. 0&0. +!)0C,2'+\*2%',!(('\$!C%2!G\$'=0W\$. !2%! '\$\*\$0&\$!. %\*+=\$C2(H%C!  
. 0'\$\*2)K!0%'=(!,2+. \$C2!/#\$2#'\$!0C!,+GG%'2!%0!(C!(GG)0\*(H%C!0%!!\*%C,0. '\$'(H%C!%C!=\$. 0\*(!)!-%+C. ,!%!  
0%'!%2#'\$'!\$(, %C,!!2>>'3; 7CF86?5G; 6':8LC=:83'E; : '5<D8678D'?N5?'5:8'6; ?'7; 48:83'<@'?N8'%8-!1\$8U; :?83'  
2<D8678'9; >7@'FCD?'<8'DC<F=V83'?; ?'N8'27538F=7'! ; C6D8>>6W'; X78'; E'5'D?C386?'D'Z; F8',57C>?@!

B%'!2#'\$!G%)0\*K!%C!R\*(. \$=0\*!Q%C,0. '\$'(H%C!0%!F2+. \$C2!R1,\$C\*\$,\$!X!YC. '\$-'(. +(2\$!F2+. \$C2,!0C!B0',2!>C2'K!  
Z'%-'(=,!!,\$\$3!

#WG,3[// /+ /%T\* ([+C0&,\$\*[G. 0[(\*(. \$=0\*\G%)0\*0\$, [(GG\$), [(\*\*%==%.(H%C\0))C\$, ,!G. 0!!

(C. !0%'!2#'\$!F2+. \$C2!<\$ . 0\*(!)Q\$'HM\*(2\$!6F<Q8!,\$\$3!

#WG3[// /+ /%T\* ([+C0&,\$\*[G. 0[(\*(. \$=0\*\G%)0\*0\$, [(GG\$), [=.\$ . 0\*(!)0%'=!G. 0!!!

\$8>W=: CD'277; FF; 35G; 6!

] #C!(!\*\$+', '\$!'\$N+0'\$=\$C2!\*%C^0\*2,!/02#!(!'\$)0-0%+,!#%)0. (K!2#(2!'\$N+0'\$,!C!(1,\$C\*\$!0%'=!2#'\$!  
YC0&\$',02K!%'!G'#0102,!\*\$'2(0C!(H&0H\$,!!2+. \$C2,!/#%+). !'\$N+\$,2!(\*\*%==%.(H%C!0%!2#'\$0'!(1,\$C\*\$!0C!  
/'0HC-!(2!)\$(\$,2!2/#!/\$\$\_,!G'0%'!2%!2#'\$!#%)0. (K!2%!2#'\$!'\*%+',,\$!0C,2'+\*2%'!(C. [%!'!2#'\$!R\*(. \$=0\*!  
Q%+C,\$))0C-!%L\*\$!%0!2#'\$0!'B(\*+)2K!%0!S\$-0,2'(H%CT!!Z)\$(\$,\$!\*%C,+)!YC0&\$',02K',!0,2!%0!'\$\*%-C05\$. !'\$)0-0%+,!  
#%)0. (K,!6+G. (2\$. !(CC+())K8!(2!!

#WG,3[ [=+H\*)2+'0\*)\$()9. 30. 5(F(H)Tj EIQEMCq100171. 85204. 3277c. 4(.)-0. 4()9. 3. 3(ti)IQ/Span<</Act)



F2+. \$C2,!,#%+). !\*%C,+2!2#Yc0&\$',02K`,!)0,2!%0!' \$\*-C05\$. !'\$)0-0%+,!#%)0. (K,! (C.!,#%+). !-0&\$!  
'\$,%C(1)\$!C%H\*\$!0C!/'0HC-!G'0%'!2%!2#H!#%)0. (K!2%!2#H!cC,2'+\*2%!(C.!(C!R\*(. \$=0\*!Q%+C,\$))%!'!00!2#H\$0!  
\*%+',\$!' \$N+0'\$=\$C2,!/0)!1\$!(h\$\*2\$. !1K!(!' \$)0-0%+,!%1,\$' &(C\*\$T!R. . 0H%C!)!0C0%'=(H%C!0,!-0&\$C!0C!2#H\$!  
] \$,2\$'C!<+)H\*+)2+'!)!Q()\$C. ('3!  
#WG,3[ (=+)H\*+)2+'!)!Q()\$C. ('\*%=[\*\$!)!0C. \$?TG#Ga,b\*U+C0&/%!!!

d%+!=(K!(),%!1\$!)0-01)\$!2%!'02\$!2#H!FG\$\*0!)>?(=!00!K%+!( '\$!0C!(!e<+)HG)\$!>?(=!F02+(H%Cf!6,\$\$!#WG3[[  
// /!' \$-0,2'('T+/%T\*([?\$(=0C(H%C,[?\$(=\,\*#\$. +)\$T#2=)8T!

Q%=G)\$H%C!%0!2#0,!\*%+',,\$!/0))!\$N+0'\$!K%+!2%!#(&\$!(!'\$)0(1)\$!0C2\$'C\$2!\*%CC\$\*

F2+. \$C2!R\*\*\$, ,010)02KIF\$' &0\*\$, !6FRF8!(2!67AE8!uuAU9ADg!00!K%+!# (&\$!(CK!N+\$, H% C,!' \$- (' . 0C-!  
(\*% = =%. (H% C, T!

] \$, 2\$' C!Y C0&\$', 02K!0, !\*% = =0W\$. !2%!(!2# '0&0C-!\* (=G+, !(, !/\$!. \$)0&\$' !%+ '!' \*%+', \$, !0C!2# \$! = 0?\$. !=%. \$)!%0!  
1%2#!&0' 2+ )!(C. !0(\*\$U2%U0(\*\$!0%' = (2, T!] \$!\$C\*%+ ' (-\$!K%+!2%!\*\$\*\_!%+2!2# \$!i 0-02)!F2+. \$C2!>?G\$' 0\$C\*\$!  
/\$1, 02\$!2%!(C (-\$!K%+ '!( \* ( . \$ = 0\*, !(C. !/\$)U1\$0C-3!#WG, 3[[ / / /T+ /%T\* ( [ , \$ [ . 0-02) [T!

n\$ ('C0C-U, \_0), !\*%+C, \$))%' ,!(2!2# \$!F2+. \$C2!i \$&\$)%G = \$C2!Q\$C2' \$!6#WG3[[ / / /T, . \*T+ /%T\* (8! ('\$! \$ ( . K!2%!  
#)\$G!K%+!0 = G'%&\$!K%+ '!)\$ ('C0C-!, \_0), T!'' # \$K!%h\$' !G' \$, \$C2(H% C, !%C!, 2' (2\$-0\$, !0%' !0 = G'%&0C-!H = \$!  
= (C (-\$ = \$C2! = +)HG)\$U\*#%0\*\$!\$? (= !G' \$G (' (H% C [ / '0HC-! !2\$?21% %\_!' \$ ( . 0C-!!(C. !=%' \$T!cC. 0&0. + )!  
, +GG%' 2!0, !%h\$' \$. !2# '%+ -#%+2!2# \$!B() [ ] 0C2\$' !2\$' = , !0C!2# \$! . '%GU0C!n\$ ('C0C-!v\$)G!Q\$C2' \$!!(C. !K\$ ('U  
'%+C. !2# '%+ -#!0C. 0&0. + )!' \*%+C, \$))0C-T!

F2+. \$C2, !/#%!( '\$!0C!\$ = %H% C () [= \$C2()!. 0, 2' \$, ,!, #%+). !' \$0\$' !2%! < \$C2()!v\$ ()2#w] \$, 2\$' C!6#WG3[[  
/ / /T# \$ ()2#T+ /%T\* ( [ = \$C2() \# \$ ()2#8!0%' !( !\*% = G)\$2\$!)0, 2!%0!%GH% C, !(1%+2!#% /!2%!%12(0C!#)\$GT!

R. . 0H% C()!, 2+. \$C2U' +C!, +GG%' 2!, \$' &0\*\$, !(' \$!%h\$' \$. !1K!2# \$!YFQ! !#WG3[[ / \$, 2\$' C+, \*T\* ( [ , \$' &0\*\$, T!