

#2/?89;/0@!1:!K/;612;/2! ! ! ! ! ! ! !!!!!BCDLMBCDJ!
"H32684419N!#2/?89;/0@!1:!K/;612;/2!"144818;!32. !#2/?89;/0@!1:!K/;612;/2M%0082;/12!

!

OJ/M\$!, ('!#\$%M/(&L&8)30!P2\$#%, <!)H\$!, J, '\$G&W*!.&(&J&,*!/:)#\$, JH*!, ('!, 'G&(8%)#,)&2\$!.: (J)&/(%!/.!
)</!%),)\$<&' \$!H&EH\$#!\$' : J,)&/(!&(%)&):)&/(%R!1\!+/--\$E\$%!\$(J/GM, %%\$' !@B!)</A3\$, #!J/--\$E\$%!
)H#/: EH/:)!\ 8%J/(&R!1\A4V)\$(&R!&(!&J-: '\$' !+/()&(: &(E!4' : J,)&/(*!P:)#\$, JH!, ('!4AD\$, #(&(E*!
+ /M\$#,)&2\$!4V)\$(&R!&(*!I &28%&/(!/.!4)#\$M#\$(\$: #H&M!, ('!4J/(G&W! \$2\$-/MG\$)*\ 8%J/(&(!": L-W!
], ' &/*!\ 8%J/(&(!": L-W!U\$-\$28%&/(*!Y(%): J)&/(-!+/GG: (W,)&/(%!03%)\$G%!, ('!4V)\$(&R!&(!+/(. \$#\$(J\$!
+\$)\$#%^, --!%),)\$<&' \$R!!UH\$!J/GL&(\$' !&(%)&):)&/(%!\$GM-/3\$' !6*699!., J: -)3!, ('!%), ..!, ('!H, '!, (!
, ((, -!/M\$#,)&(E!L: ' E\$)!/.!SB79!G&-&/ (R!
!

#2/789;/0@!1:!"34/:192/3!*3203!"95S! ! ! ! ! ! ! BCCC!E!BCCR!
Q/68!(91?1;0!32.!, 832N!#2/789;/0@!%0082;/12!32.!*5PP89!*8;;/12!TBCCB!E!BCCRU!
, 832N!#2/789;/0@!%0082;/12!32.!*5PP89!*8;;/12!TBCCC!E!BCCDU!

!

OJ/M\$!, ('!#\$%M/(&L&&)30!=J, '\$G&J*!.&(, (J&, -!/M\$#,)&/ (, -!/ :)#\$, JH!, ('!' \$2\$-/MG\$(!)! : (J)&/ (%!/.!, (!
, J, '\$G&J!: (&!<&)H&(!)H\$!1 (&2\$#%&)3!/.!+, -&./#(&, !0, () , !+#+: *_!./J: %\$' !&(!0&&J/(!X, --\$3*!%\$#2&(E!L\$)<\$\$(!
7*999!d!@9*999!M, #)A)&G\$!%): '\$()!M\$#!3\$, #R!O: GG\$#!O\$%&&/(!: (&!M#/2&' \$' !#\$E: -, #'! \$E#\$!J#\$' &!)!
J/: #%\$%!./#!G,)#&J: -,)\$' !%): '\$()!M\$#!3\$, #R!O: GG\$#!O\$%&&/(!: (&!M#/2&' \$' !#\$E: -, #'! \$E#\$!J#\$' &!)!
<, %!S67!G&-&/ (R!" , #)!/.!%\$ (&/#!G, (, E\$G\$(!)\$, G!./#!1 +!0, () , !+#+: _R!

!

W\$3!, JJ/GM-%HG\$(%)0!4 (H, (J\$' !/:)#\$, JH!)/!0&&J/(!X, --\$3!&(' : %)##\$%c!' \$2\$-/M\$' !#\$-,)&/ (%H&M%<&)H!
J, GM: %!., J: -)3c!&(J#\$, %\$' !%: GG\$#!%\$%&&/(!\$ (#/--G\$(%)c!/2\$#%, <!%&E (&.&J, ()/#E, (&_ ,)&/ (, -!
)#, (%./#G,)&/ (!\$./#)#!' : \$!)/G, [/#!)\$JH(-/E3!&(' : %)##\$%c!' /<(): #(!/!1699@R!

!

#2/789;/0@!1:!"34/:192/3!*32!V9326;/61! ! ! ! ! ! ! DWWC!E!BCCC!
-; ;/;0320!, 832N!%. 5630/1234!*5FF190!*89?/68;N!*6H114!1:!, 820;/09@!TDWWX!E!BCCCU!
, /986019N!%. 5630/1234!*5FF190!*89?/68;!TDWWL!E!DWWXU!
-; ;/;0320!, /986019N!"120/25/21!%. 5630/12!TDWWB!E!DWWLU!
<323!8P820!*89?/68;!):/689N!"120/25/21!%. 5630/12N!*6H114!1

) 0H89!0836H/2I!F1;/0/12;!
*3203!"4393!#2/?89;/0@! !

! ! ! ! ! ! !

DWJL!MDWJZ

!

#2/789;/0@1:!"34/:192/3!*@;08P!

6998!d!) *(! !!+/()&(: &(E!4' : J,)&/ (!/.!)H\$!5, #!F/2\$#(&(E!+/GG&))\$\$*!+H, &#!

6999!d!) *(!!!!! !!1 (&2\$#%&&)3!4V)\$(%&/ (!+/: (J&!/.! \$, (%!

699>!d!69@9! !!4' : J,)&/ (!, (' !+: ##&J: -: G!\ /#TE#/: M*!1+!+/GG&&%&&/ (!/ (!)H\$!K:): # \$!

"3PF5; !

69@6! ! !!P(-&(\$!D\$, #(&(E!4V\$J:)&2\$!+/GG&))\$\$!

699N!d!) *(' !!4X+i "#/2/%)0%!4V\$J:)&2\$!+/: (J&!

699N!d!) *(! !!+/: (J&!/.!"#/. \$%&&/ (, -!0JH// -! \$, (%!

699N!d!) *(' !!0\$ (,)\$!+/GG&))\$\$!/(!+/()&(: &(E!, (' !+/GG: (&)3!4' : J,)&/ (! \$VA/..&J&/a!

69@9! ! !!

!
*%=%''%, !Y\$-&' *!-&, !(\$+Q-' %!*#(()) \$'!
!
=-)\$#(,)2\$!+#\$' 0)!f: &' \$-&(\$%!, (' !4J/%3%)\$G!
5&-!g!F\$-(',!f,)\$%!K/: (' ,)&/(!
`"#&(J&M, -!Y(2\$%)&E,)/#a! ! ! ! !!!!!!!S!@R8>!G&-&/ (! ! 69@?!
!
+H, (E\$, (' !Y((/2,)&/ (!D, L!
D: G&(, !K/: (' ,)&/(!
`"#&(J&M, -!Y(2\$%)&E,)/#a! ! ! ! !!!!!!!S?99*999! ! 69@B!
!

!

0, (' \$\$ (*!+R!42\$#H, #)*!I R!O\$3G/: #*!I R!*e/%H&(/*!WR!`69@?aR!
R!=G\$#&J, (!+/: (J&!/(!4' : J,)&/(!, (' !5-, JTL/, #' R!

!

0, (' \$\$ (*!+R!`69@?aR!+/GM\$)\$ (J3A5, %\$' !4' : J,)&/(!%b/!)H\$!b\$<!j FPP+Rk! *!K, --!
69@?*!MR!69A66R!

!

0, (' \$\$ (*!+R!\$' R!`69@?aR!5\$3/(' !)H\$!Y(-.\$J)&/(!"/&(!0!] \$&G, E&(&(E!5: %&(\$%!F /' \$-%!. /#!; &EHS#!
4' : J,)&/ (R! R!=G\$#&J, (!+/: (J&!/(!4' : J,)&/ (R!

0, (' \$\$ (*!+!*!\$' R!`69@?aR!O&E(, -%!, (' !OH&.)%&(!)H\$!" /%)%\$J/(' , #3!D, (' %J, M\$R!

0, (' \$\$(*!+R!`699>aR!!Y)0%!b/)!4, %3!5\$&(E!f#\$\$ (0!f#\$\$ (!F , #T\$)&(E!, (' !4(2&#/(G\$() , -!+/(%: G\$#%G!&(!
+/()&(: &(E!; &EH\$#!4' : J,)&/(R! CB*!>BA@@BR!

!

0, (' \$\$(*!+R!`6998aR!5//G\$#%*! \$#%*!, (' !F&-\$((&, -%^ \ H/!, #H!)H\$3!, (' !<H,)! ' /!)H\$3!#\$, --3!<, ()!.#/G!
J/()&(: &(E!H&EH\$#!\$' : J,)&/(m! C6*!@@AB@R!

!

0, (' \$\$(*!+R!`699CaR!D\$

!

0, (' \$\$(*!+R!`69@C*!b/2\$GL\$aR!j +/(%: G\$#!5, JT-, %H0!; /<!+, (!1 (&2\$#%&)&\$%Y((/2,)\$!0/-:)&/ (%!)/!
F, T\$!+/--\$E\$!F /#\$! =../#', L-\$!./#10): ' \$(%)!, (' !K, G&&\$%mk!=%/J&,) &/(!/!": L-!J!, (' !D, (' Af#, ()!
1 (&2\$#%&)&\$%!, ((: , -!G\$\$)&(E*\ , %H&(E)/(!! +R!

!

0, (' \$\$(*!+R!`69@C*!F , #JHaR!j +/GM\$)\$ (J3!5, %\$' !4' : J,)&/ (!Y((/2,)&/ (!, (' !5\$3/(' Rk!=G\$#&J, (!+/: (J&!
/(!4' : J,)&/ (!, ((: , -!G\$\$)&(E*\ , %H&(E)/(!! +R!

!

0, (' \$\$(*!+R!`69@?*!O\$M)\$GL\$aR!jY((/2,)&/ (%!&(!U\$JH(-/E30!+H, (E\$!&(!)H\$!K:): #D, (' %J, M\$!/.!
; &EH\$#!4' : J,)&/ (kR!"-\$ (, #3!, ' ' #\$\$%R!D\$, # (&(E!&(!, !! &E&), -!\ /#-' 0!69@?!"4' : J,)&/ (!D\$, ' \$##H&M!
+/(. \$\$ (J\$R!=G\$#&J, (!!"3JH/-/E&J, -!=%/J&,) &/(*!\ , %H&(E)/(*! +R!

!

0, (' \$\$(*!+R!`69@?*!O\$M)\$GL\$aR!jY((/2,)&/ (!D\$, ' \$##H&M!, (' !4 ()#M#\$(\$: #%%Grk!K\$,): #' !
%M\$, T\$#i ., J&&),)/#R!D\$, ' \$##H&M!Y(%&):)\$!69@?R!1 (&2\$#%&)&3!/.!b/#)H!+, #/-&(, !,)!f#\$\$ (%L/#/*!
f#\$\$ (%L/#/*!b+R!

!

0, (' \$\$(*!+R!`69@?*!F , 3aR!j =JJ\$%*!Y((/2,)&/ (*!P:)J/G\$%kr!K\$,): #D' !%M\$, T\$#R!01be!+/(. \$\$ (J\$!/(!
Y(%)#: J)&/ (!, (' !U\$JH(-/E3*!Y)H, J, *!beR!

!

0, (' \$\$(*!+R!`69@?*!F , 3aR!f#, ' : ,)&/ (!J/(2/J,)&/ (!, ' ' #\$\$%R!b\$<!e/#T!1 (&2\$#%&)&3!OJH//!/.!+/()&(: &(E!

0, (' \$\$(*!+R!`69@B*!b/2\$GL\$aR!&E&,-! \$G/J#,) &_)&/(!/.!1 (&2\$#%&)&\$%R!'' , (\$-!M#\$\$(\$,)&/(!,)!
U#, (% ,)-,)&!OJ&\$ (J\$!\ \$ \$T!%M/(%/#\$' !L3!)H\$!b/#<\$E&, (!F &(&)%#3!/.!4' : J,)&/(!, (' !]\$\$\$, #JHR!
\ , %H&(E)/(*!+R!!

!

0, (' \$\$(*!+R!`69@B*!b/2\$GL\$aR!] \$' \$.&(&(E!; &EH\$#!4' : J,)&/(0!Y((/2,)&2\$!''# , J)&J\$%!, (' !42/-2&(E!
''/-&J&\$%R!'' , (\$-!M#\$\$(\$,)&/(!,)!\ /G\$(!&(!F/2\$#(G\$(!]\$-,)&/(%!4' : J,)&/(!U, %T!K/#J\$R!\ , %H&(E)/(*!
! +R!

!

0, (' \$\$(*!+R!`69@B*!O\$M)\$GL\$aR!+H, (E\$*!h: , -&)3*!OJ, -\$0!UH\$!4' : J,)&/(Y((/2,)&/(!D, (' %J, M\$R!
''#\$\$(\$,)&/(!,)!)H\$!5/ , #' !/.!U#:)\$\$%!.!)H\$!1 (&2\$#%&)3!/.!F , %, JH: %\$))%!O3%)\$GR!=GH\$#%)*!F =R!

!

0, (' \$\$(*!+R!`69@B*!O\$M)\$GL\$aR!+H, (E\$*!h: , -&)3*!OJ, -\$0!UH\$!4' : J,)&/(Y((/2,)&/(!D, (' %J, M\$R!W\$3(/)\$!
M#\$\$(\$,)&/(!,)!)H\$!69@B!W&JT/..!/.!)H\$!1 (&2\$#%&)3!/.!\ %J/(%&(!F , ' %/(!4' : J,)&/(Y((/2,)&/(!
Y(&)&)&2\$R!F , ' %/(*!\ YR!

!

0, (' \$\$(*!+R!`69@B*! =: E: %)aR!Y((/2,)&/(!&(!; &EH\$#!4' : J,)&/(R!F\$(\$#, -!O\$%&&/(!,)!)H\$!% , ...!
J/(2\$(&(Ei#\$)\$,)!/.!)H\$!+/: (J&!/.!])\$E&/ (, -! =JJ#\$' &)&(E!+/GG&&&/ (%R!5%/)/ (*!F =R!
!

!

0, (' \$\$(*!+R!`69@B*!o: -3aR!!b\$<!'' /%)%\$J/(' , #3!4' : J,)&/(!D, (' %J, M\$R!PMS(&(E!T\$3(/)\$!,)!)H\$!, ((: , -!
G\$\$)&(E!/.!)H\$!b\$)</#T!./#!+H, (E\$!, (' !+/()&(: /: %!Y((/2,)&/(R!Y(' &, (, M/-&&*!YbR!
!

!

0, (' \$\$(*!+R!`69@B*!o: (\$aR!b\$<!'' /%)%\$J/(' , #3!4' : J,)&/(!D, (' %J, M\$R!PMS(&(E!T\$3(/)\$!,)!)H\$!
1 (&2\$#%&)3!O3%)\$G!/.!F\$/#E&, !=' : -)!D\$, #(&(E!+/(%/#)&: G!O: GG\$#!Y(%&):)\$R!O, 2, ((, H!f\$/#E&, R!
!

!

0, (' \$\$(*!+R!`69@B*!o: (\$aR!] %\$!/.!)H\$!F PP+%!K/#\$%H, ' /<&(E!)H\$!+/G&(E!U#, (%./#G,)&/(!/.!; &EH\$#!

0, (' \$\$(*!+R!`69@B*!F, #JHaR!b\$<!'' ,)H<, 3%!. /#!F#, ' : ,)\$!4' : J,)&/ (!, (' !D&.\$- / (E!D\$, # (&(E0!] \$)H&(T&(E!
! \$E#\$\$\$, (' !+)\$&.&.)\$, (' !4(2&%%/ (&(E!b\$<!+#\$' \$ (&, -%R!!''#\$\$\$(),)&/ (!,)!, !< /#T%H/M!M/ (%/#\$' !L3!
)H\$!1 (&2\$#%&)3!/. !Y-&(/&%,)!1#L, (, A+H, GM, &E(!, (' !)H\$!b,)&/ (, -!OJ&\$ (J\$!K/: (' ,)&/ (R!1#L, (, A
+H, GM, &E(*!Y-&(/&R!
!
!

0, (' \$\$(*!+R!`69@B*!F, #JHaR!] /, ' G, M!)/! =), &(G\$ (R!''#\$\$\$(),)&/ (!,)!)H\$! =G\$#&J, (!+/: (J&! / (!
4' : J,)&/ (!, ((: , -!G\$\$)&(ER!\ , %H&(E) / (*!I +R!
!
!

0, (' \$\$(*!+R!`69@B*!o, (: , #3aR!F PP+%, (' !P)H\$#!Y((/2,)&/ (%!&(!)H\$!' /%)%\$J/ (' , #3!D, (' %J, M\$R!
''#\$\$\$(),)&/ (!,)!)H\$! =%/J&,)&/ (!/ .! =G\$#&J, (!1 (&2\$#%&)&\$%! = =1a!+/: (J&! / (!K\$' \$#, -!] \$-,)&/ (%!, ((: , -!
J/ (.#\$\$(J\$R!b\$<!P#-\$, (%*!D/: &%, (, R!
!
!

0, (' \$\$(*!+R!`69@6*!F, #JHaR!X&\$<!./G!)H\$!' #\$\$%' \$ (&, -!O: &)\$0!UH/ : EH)%!, L/:)!D\$, ' \$H&M*!+H, (E\$*!, (' !
] %&-\$ (J\$R!!''#\$\$\$(),)&/ (!,)!)H\$!1 (&2\$#%&)3!''#/. \$%&/ (, -!+ / ()&(: &(E!4' : J,)&/ (! =%/J&,)&/ (!, ((: , -!
G\$\$)&(E*!''/#)-, (' *!P#\$E/ (R!
!
!

0, (' \$\$(*!+R!*!K-\$G&(E*!+R*!; , (J/JT*!F R*!OG:)_*! \ R!`@9@6*!F, #JHaR!O)#,)\$E&J!'' , #) (\$#H&M%0!Y((/2,)&/ (!
)H#/: EH!P:)%&' \$!P#E, (&_)&/ (%R!'' , (\$-!M#\$\$\$(),)&/ (!,)!)H\$!1 (&2\$#%&)3!''#/. \$%&/ (, -!+ / ()&(: &(E!
4' : J,)&/ (! =%/J&,)&/ (!, ((: , -!G\$\$)&(E*!''/#)-, (' *!P#\$E/ (R!
!
!

0, (' \$\$(*!+R!`69@*!P) /L#\$aR! =))# , J)&(E!, !U, -\$) \$' *!I &2\$#%\$! \ /#T. /#J\$R!''#\$\$\$(),)&/ (!,)!)H\$!K&.)H!
= ((: , -!+, -&./# (&, !U/ < (!, (' !F/ < (!+ / (.#\$\$(J\$*15\$#T\$-\$3*!+, -&./# (&, R!
!
!

0, (' \$\$(*!+R!`69@9*!F, #JHaR!+ /GG: (&_)&/ (!OJ\$ (, #&/%0!+, %\$!O): ' &\$%R!''#\$\$\$(),)&/ (!,)!)H\$!I \$, (0%!
D\$, ' \$H&M!Y(%&):)\$!699>A69@9R!1 +D= !OJH/ /-!/. !I \$ ()*!D/ %! = (E\$-\$*!+, -&./# (&, R!
!
!

0, (' \$\$(*!+R!, (' !; :)JH&(/ (*!OR!!`69@9*! =M#&aR!'' :))&(E!+#\$,)&2&)3!)/! \ /#TR!''#\$\$\$(),)&/ (!,)!)H\$!
1 (&2\$#%&)3!+ / ()&(: &(E!4' : J,)&/ (! =%/J&,)&/ (!, ((: , -!G\$\$)&(E*!O, (!K#, (J&J/*!+, -&./# (&, R!
!
!

!
0, (' \$\$ (*!+R!`69@>*!=: E: %)aR!; /<!)/!UH#&2\$!&(!)H\$!K, J\$!/.!5: ' E\$)!+:)%0!5#/ , ' \$ (&(E!=JJ\$%!)/!; &EH\$#!
4' : J,)&/ (R!UH\$!42/---:)&/ (R!H))M%i\$2/---:)&/ (R/J/GiG, (, E&(EA&(%&):)&/ (iH&EH\$#n\$' nL: %&(\$%iH/<A)/A
)H#&2\$A&(A)H\$A., J\$A/ .AL: ' E\$)AJ:)%AL#/ , ' \$ (&(EA, JJ\$%A)/AH&EH\$#A\$' : J,)&/ (i!
!

0, (' \$\$