

!"#\$%&'()*+,-./01&2/0-345&&

!"#\$%&'()*+,-./01&2/0-345&

67,0-489,& : -8; ,38) ,& ' (\$!%<k8=-, ;& ""*">*#>?k., 98=, ;&#%*"**#A<k#B*"@*"#<k>*C*"#<k#&#B*" "<kC* ">*"@<kB*@D*" !<k!*" ""* "D<k%*B*@#&k

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

E0/ ; , F80k/GG(8)4F ,)4=k/4k4H, & I)89 , . =845k (Jk K8= (- . 8k0- . . ,)435k / . , & ; 898 ; , ; & 8)4 (k4L (k F / 8) k 0/4, M (.8, =Nk. , M-3/ .k /) ; &) (* . , M-3/ .k I) ; , .k4H8=k, 7, 0-489, & M-8 ; , 38) , <k. , M-3/ .k J / 0-345k =H / 33k 0, k. , J, . . , ; k4 (k / =kP4,) - . , ; & /) ; k4,) - . , k4. / 01Qk J / 0-345k <k /) ; k4H8=kM. (-Gk=H / 33k 0 () 48) - , k4 (k 8) 03- ; , k4H, k4. / ; 848 () / 3k J / 0-345k (Jk4H, k8) =484-48 () \$k 670, G4k L84Hk. , M / . ; k4 (k4H, k ; , J8) 848 () =k 38=4, ; & H, . , 8) <k!'"#\$%&'#() *#+) %#\$%, - - *# . , / *) %! 0% I ' **2!# 3) %4, +5) (% + 0 + 24) & ' * , 4% I , . ' * ! 6% , + (% # \$ % + 0!) (\$ # & +) (% ! 0% , ((4) \$ \$ % , . , () 3 # . % , - - 0 # + ! 3) + ! \$ % 0! % , + 6! 0! ') 4! 6 -) % # + . ' * (# + & 7% / ' ! % + 0! % * # 3 # !) (% ! 0! % I ' **2!# 3) % ' + 4, + 5) (7% - , 4! 2! # 3) % + 0 + 4) & ' * , 4% I , . ' * ! 6% , + (% !) + ' 4) (% , + (% !) + ' 4) % ! 4, . 5% I , . ' * ! 6% 8&&

' () * . , M-3/ .k J / 0-345k =H / 33k 0, & ; 898 ; , ; & 8)4 (k4H. , & M. (-G=NkR "S&J-33*48 F , <k. /) 1 , ; <k) () * . , M-3/ .k J / 0-345k R) () * 4,) - . , k4. / 01k R ' + + S&J / 0-345S?kR@S&J-33*48 F , <k- . /) 1 , ; <k) () * . , M-3/ .k J / 0-345?k /) ; & R ! S&G / .4*48 F , <k) () * . , M-3/ .k J / 0-345k R / ; T -) 04k J / 0-345S&U " V S&k

+H, k. , W-8. , F ,) 4=k ; 8=48) M-8=H8) M&O, 4L , ,) k / & J - 33*48 F , <k. /) 1 , ; &) () * . , M-3/ .k J / 0-345k F , F O , . k /) ; & / & J - 33*48 F , <k- . /) 1 , ; &) () * . , M-3/ .k J / 0-345k F , F O , . k =H / 33k 0, & F / ; , & / 4k4H, & 0 / F G =k 3, 9, 3&k XH83, & F /) 5k (Jk4H, & J-33*48 F , k- . /) 1 , ; &) () * . , M-3/ .k 4843, =k L833k (4k O, k, 38 F 8) / 4, ; <k 84k 8=k 8 F G 38084k 8) k4H8=kM-8 ; , 38) , k4H / 4k4H, k8) ; 898 ; - / 3=k4H / 4k F , , 4k4H, & W - / 38J80 / 48 () =k J (. k ' + + k J / 0-345k =H (- 3 ; & . , 0, 89, & /) k / GG. (G. 8 / 4, k ' + + k J / 0-345k 4843, k / =k ; , =0. 80, ; & 8) k4H, k J (33 (L 8) M&=, 048 () \$k Y) & F (=k 08. 0 - F = 4 /) 0, =k) () * 4,) - . , k4. / 01k J / 0-345k F , F O , . =k L H (k H / 9, k G. 8 F / . 5k / - 4H (. 845k 8) k . , =, / . OH<k (. k4, / OH8) M<k (. k 038) 80 / 3ZG. (J, == 8 () / 3k G. / 0480, <k (. k, 74,) = 8 () k ; - 48, =k =H (- 3 ; & . , 0, 89, & 4843, & OH /) M, =k / GG. (G. 8 / 4, k4 (k. /) 1 , ; & ' + + k G (= 848 () =k / 4k4H, k48 F , k (Jk = - 0Hk. , / GG (8) 4 F ,) 4=k @ V S&k

+H8=kM-8 ; , 38) , & / GG38, =k4 (k / 33k) , L35*H8. , ; & ' + + k J / 0-345k F , F O , . =k /) ; k4 (k4H (=, k) () * . , M-3/ .k J / 0-345k LH (k / . , k. , / GG (8) 4, ; & 8) 4 (k ' + + k J / 0-345k G (= 848 () =k / 4k4H, k48 F , k (Jk = - 0Hk. , / GG (8) 4 F ,) 4\$ k

[\$. #, % / * 0% - (* 1 (2 3 # + 4 % \$ 5 (6 * + 7 8 % + 9 0 % (8 0 # " 4 (: # " 9 ; , < (= % 1 ' + % \$ (k + H, . , k = H / 33k 0, k = 87k F / 8) k45G, =k (Jk J - 33*48 F , <k. /) 1 , ; & ' + + k J / 0-345k k 6 / OHk =H (- 3 ; & H / 9, k G. 8 F / . 5k . , =G () = 8083845k 8) k / k = 8) M3, & / . , / N&4, / OH8) M<k (. k. , =, / . OH<k (. k 038) 80 / 3ZG. (J, == 8 () / 3k G. / 0480, <k (. k, 74,) = 8 () k / 0489848, =k <k (. k 380. / . 8, = \$ k k + H, k4843, =k =H (- 3 ; & 8 ; ,) 48J5k4H, k / . , / \$ k X 84H8) k , / OHk / . , / <k4H, . , k = H / 33k 0, k4H. , , k. /) 1 = Nk k
" \$ \ , =, / . OH&J / 0-345k R \ , =, / . OH&] . (J, == (. <k E == (08 / 4, k \ , =, / . OH&] . (J, == (. <k E == 8 = 4 /) 4k \ , =, / . OH&] . (J, == (. S k
@ \$ + , / OH8) M&J / 0-345k R + , / OH8) M&] . (J, == (. <k E == (08 / 4, k + , / OH8) M&] . (J, == (. <k E == 8 = 4 /) 4k + , / OH8) M&] . (J, == (. S k
! \$ ^ 38) 80 / 3Z] . (J, == 8 () / 3k] . / 0480, k J / 0-345k R ^ 38) 80 / 3k] . (J, == (. <k E == (08 / 4, k ^ 38) 80 / 3k] . (J, == (. <k E == 8 = 4 /) 4k ^ 38) 80 / 3k] . (J, == (. k (. k] . (J, == 8 () / 3k] . / 0480, k] . (J, == (. <k

$$E = (08/4, k] \cdot (J, =8()/3k] \cdot /0480, k] \cdot (J, =(\cdot k E = 8 = 4 /) 4k] \cdot (J, =8()/3k] \cdot /0480, k$$

8)4, .98, L=L84H(-)84< ; ,G/.4F,)4</ ; Z(.&0(33,M,&J/0-345&F, FO, .=\$&+H, &=-00, ==J-3&
0/); 8;/4, =&H(-3; &; , F()=4./4, &G(4,)48/3&J(.&, 70, 33,)0, &8)&4H, &G.8F/.5&/ ., /&(J&4H, 8.&
/GG(8)4F,)4=&R, \$M\$<&4, /OH8)M<. , =, / .OH<&038)80/3ZG. (J, ==8()/3&G./0480, <&, 74,)=8()&(.&380./ .5S&
/=&L, 33&/=&8)&4H, &=, .980, &/); &G. (J, ==8()/3&/=G, 04=&. , 3/4, ; &4(&4H, 8.& ; 8=08G38) , =&/); &4H, 8.&
G(=848()=\$&

: \$. ;%#0;<(=%1'+%\$(DE) %' , #, '*+-(1*0(D#''?(>*-', '*+&
fG, 08J80&W- /38J80/48()=&J(.&, /OH&. /) 1&=H/33&O, &; , 4, . F8) , ; &05&4H, &; , G/.4F,)4</ ; Z(.&0(33,M,&
L84H&/GG. (9/3&05&4H, &G. (9(=4\$&+H, &L(.13(/ ; &. , W-8. , F,)4=&J(.& ' ++&J/0-345&F, FO, .=&
=H(-3; &O, &=G, 33, ; &(-4&8)&; , 4/83&8)&/ ; 9/)0, \$&2(.&4, /OH8)M&/GG(8)4F,)4=&<&4H, ., &=H(-3; &O, &
03, / .35&/ .480-3/4, ; &4, /OH8)M&/=8M) F,)4=&/); &4, /OH8)M&3(/ ; =&8)03- ; 8)M&/; T-=4F,)4=&F / ; &
J(.&3/ .M, &03/==, =&(.&O(- ., =&L84H&F - 348G3, &=, 048()=\$& \ , =, / .OH&/GG(8)4F,)4=&=H(-3; &=G, 33&
(-4&4H, &=G, 08J80&. (3, =&<& ; -48, =&<&M. /)4&G. (T, 04=&/); &, 7G, 04/48()=&J(.&J-4- . , &J-) ; 8)M\$&
^38)80/3ZG. (J, ==8()/3&G./0480, &380./ .8/) <&038)80/3&; , G/.4F,)4&J/0-345&/GG(8)4F,)4=&=H(-3; &
03, / .35&/ .480-3/4, &4H, &=G, 08J80&. (3, =&<. , =G()=8083848, =&/); &G, .J(. F /)0, &, 7G, 04/48()=&J(.&
; , 389, .8)M&038)80/3ZG. (J, ==8()/3&G./0480, &380./ .8/)&(.&038)80/3&; , G/.4F,)4&J/0-345&=&, .980, =\$&
674,)=8()&/GG(8)4F,)4=&=H(-3; &; , =0.80, &4H, &=G, 08J80&, 74,)=8()&/0489848, =&/); &(-438) , &
. , 3/48()=H8G=&L84H&4H, &; , G/.4F,)4\$&

c\$. *+,0#'' , (F%+ / , ?&

,74,) - /48)M&08.0- F=4/)0,=k,78=4\$670,G4kJ(.k^38)80/3Z].(J,==8()/3k]./0480,<k^38)80/3k
b,G/.4F,)4k2/0-345<k/);k'+++kJ/0-345kLH(,k=3/.8,=k/.,&J-);,;k8)&LH(3,k(.k8)&G/.4k05k
M./)4*; ,G,);,)4k=(-.0,=k(Jk.,9,)-,<k'+++kJ/0-345kL84Hk4L(k4(kJ89,k5,/.=k(Jk0(=,0-489,k
=,.980,kL84HkG(=8489,k/))-/3k,9/3-/48(=kL833k.,0,89,k=87kF()4H=e&k(480,k(Jk)(.),L/3k
-)3,==k,74,)-/48)M&08.0- F=4/)0,=k,78=4k/);k'+++kJ/0-345kL84HkF(.,k4H/)&J89,k0(=,0-489,k
5,/.=kL84HkG(=8489,k/))-/3k,9/3-/48(=kL833k.,0,89,k/kF8)8F-Fk(Jk/k(),*5,/.k)(480,k(Jk
().),L/3k-)3,==k,74,)-/48)M&08.0- F=4/)0,=k,78=4k

h\$ >0*&*,'*+*(1(688(:#'9;,<k

fG,08J8,;k0.84.,8/kJ(.kG.(F(48(k)/);k;=0.8G48(k)(Jk4H,kG.(0,==k=-,;kJ(.kG.(F(48(k)k8)k./)1k
=H(-3;k0,k=G,33,;k(-4k05k4H,k=0H((3<k0(33,M,k(.k/0/; ,F80k-)84k/);k/GG.(9,;k05k4H,kG.(9(=4k
8)k/;9/0),Skk+H,k; ,9,3(GF,)4k(Jk=G,08J80k0.84.,8/k/);kM-8; ,38),=k=-,;k4(k; ,4, .F8),k
=4/);/.;=k(Jk,70,33,)0,kJ(.kG.(F(48(k)kG-.G(=,=k=H(-3;k0,k4H,k.,=G(=)8083845k(Jk4H,k
; ,G/.4F,)4Z-)84k=-OT,04k4(k/GG.(9/3k05k/k; ,/)k(.k;8.,04(.kU%Vk/);k4H,kG.(9(=4k
69/3-/48(k)/.,/ =k=H(-3;k0,k0(=)8=4,)4kL84Hk4H,k,=4/O38=H,;k/0/; ,F80k=4/);/.;=kJ(.k, /OHk
;8=08G38),Skk+H,k; ,08=8(k)4(k/GG35kJ(.kG.(F(48(k)kL(-3;k0,k(),k4H,k'+++kJ/0-345kF,FO, .k
0(-3;k,3,04k(.k)(4?k/))-/3k.,98,L=k=H(-3;k0,k9/3-/O3,k8);80/4(.=k(Jk4H,k/GG380/)4e=k
.. /;8),=kJ(.kG.(F(48(k)kSkk+H,k; ,08=8(k)k)/kG.(F(48(k)k/GG380/48(k)k(Jk/k'+++k/0/; ,F80k
/GG(8)4F,)4k=H(-3;k)(4k0/.5k/-4(F/480k.,L/.;=kR/G/.4kJ.(F&0H/)M,k8)k4843,Sk(.kG,)/348,=k
J.(Fk4H,k0(33,M,<k=0H((3k(.k/0/; ,F80k-)84kG.(98; ,;kH(L,9, <k4H/4k/k_80./ .8/)kYk
0(=)8; ,.; ,kJ(.kG.(F(48(k)k4(k_80./ .8/)kYYk; - .8)M&H8=k(.kH, .k=874Hk5, / .k(Jk,FG3(5F,)4k/=k/k
_80./ .8/)kYYk/);kLH(k8=k)(4kG.(F(4, ;k4(k_80./ .8/)kYYkF/5k0,k=-OT,04k4(k/-4(F/480k
().),L/3k

69/3-/48(k)(Jk4H,k0/);8;/4,e=k/GG380/48(k)kJ(.kG.(F(48(k)k=H(-3;kJ(0=)k()k4H,k=G,08J80k/.,/k
(Jk/GG(8)4F,)4k i k4, /OH8)M<k.,=,/.OHk038)80/3ZG.(J,==8()/3kG./0480,<k,74,)=8(k)&(k.380./ .5k i k
/=kL,33k/=k=,.980,k/);kG.(J,==8()/3k/0489848,=k.,3/4,;k4(k4H/4kG.8F/.5k.,=G(=)8083845k
Y)kG.(F(48(k)k0(=)8; ,./48(=)k4H,k4(4/3k0()4.80-48(k)(Jk4H,kJ/0-345kF,FO, .k4(k4H,kF8==8(k)
(Jk4H,k=0H((3<k0(33,M,k(.k/0/; ,F80k-)84k(9, .k/k=-4/8),;kG,.8(;k(Jk48F,k=H(-3;k0,k4/1,)k
8)4(k0(=)8; ,./48()Skk+H8=k8)03-; ,=k0(FG.,H,)=89,k; (0-F,)4/48(k)(Jk4H,kG(=848(k)<k
8)03-;8)M&/k3,44, .k(Jk/GG(8)4F,)4k8; ,)48J58)M&H(F, k; ,G/.4F,)4k(.k-)84k/);k4H,k8)848/3k
G(=848(k)k; ,=0.8G48(k)<k0(F F -)80/48(k)=k; ,4/838)M&OH/)M,=k8)kG(=848(k)k.,=G(=)8083848,=k/);k
)5k(4H, .k=4/4, F,)4=k.,M/.;8)M&,7G,04,;kG, .J(.F/)0,Sk
6/OHkO/FG-=k=H/33k/; (G4k/kG.(F(48(k)kG.(0,==k4H/4k8)9(39,=k/4k3,/=4k(),kJ/0-345k0(F F 844, ,k
0(FG(=,;k(Jk(),k(.kF(.,k'+++kJ/0-345k/4k4H,kG.(F(4/O3,k./)1k(.k/0(9,<k/);k(),k(.kF(.,k
4,)-.,;kJ/0-345k8Jk=-0Hk'+++kJ/0-345k/);k4,)-.,;kJ/0-345k,78=4\$kk+H,k0(F F 844, ,k(.k

K\$ >#0,'"')#,'*+'+(:#'9;,<(G*H%0+#+'%&

' ++&J/0-345&F, FO, . =e&. (3, &8)&J/0-345&M(9, .)/0, &=H/33&O, &/ .480-3/4, ; &05&4H, &8); 898; -/3&
O/FG-=&L84H8)&4H, &38F84=&(J&4H, &I)89, . =845&(J&K8==(-.8&^(33,04, ; &\ -3, =&/); &\ , M-3/48()=\$&
+H, &M(/3&8=&4(&8; ,)48J5&L/5=&J(.&4H, &' ++&J/0-345&F, FO, . =&4(&H/9, &/&9(80, &L84H8)&4H, 8. &
O/FG-=&/); &0(33, M, <&=0H((3&(.&/0/; , F80&-)84&/); &4(&O, &8)9(39, ; &8)&J/0-345&M(9, .)/0, &
LH, . , &/GG. (G.8/4, \$&&&

&&

IJK&+H, &O/4, M(.8, =&(J&' ++<&-) . /)1, ; <&)()*. , M-3/ .&J/0-345<&/); &G/ .4*48F, <&)()*. , M-3/ .&J/0-345&
8)03- ; , & ; 8JJ, . ,)4&J/0-345&4843, =&/==(08/4, ; &L84H&, /OH&O/4, M(.5&&f, 048()& [&(J&4H8=& ; (0- F ,)4&38=4=&4H, &
J/0-345&4843, =&/==(08/4, ; &L84H&4H, &' ++&M. (-G&&+843, =&/==(08/4, ; &L84H&4H, &-) . /)1, ; <&)()*. , M-3/ .&
J/0-345&M. (-G&8)03- ; , <&O-4&/ . , &) (4&38F84, ; &4(<&8)=4. -04(.<&3, 04- . , .<&=,)8(.&3, 04- . , .&/); &98=848)M&
G. (J, ==(. \$&+H, &4843, &(J&98=848)M&G. (J, ==(. &=H/33&()35&O, &- , ; &J(.&4H(=, &J/0-345&()&4, FG(. / .5&
/GG(8)4F,)4=\$&] / .4*48F, &(.&0(- .4, =5&/GG(8)4F,)4=&=H/33&O, &0()=8; , . , ; &/ ; T-)04&/GG(8)4F,)4=&/); &
8)03- ; , &=-0H&4843, =0.26.T2(G2(8)/)0.2(4)0.2(,)0.2(; &L)-0.2(8)0.2(4)0.2(H&,)0.5.225-7H&, 848- ; , H; &LH&4H, , -