

!
#" \$!% !&'()*+,-!./:
0, ,1' /233'4!5% !678\$"!
9:6";!6:<=<">6!
1+2? , - '@!A-A'BCD'E*!

!!!!!!!!!!!!!!!!!!!!

!
!!!!
. *)*+!>\$>6! !
!!!!FCDGD!2-!HIB'JA2, -K3!L'K(-2-)!
!!!!O, -B' -A(KA2, -!2-!F(,)(K?!F3K-2-)!M!H/K3*KA2, -!
!!!!5' --'++'!'5'BC-,3,)2BK3!N-2/'(+2AO!=!O, ,1' /233'4!5%!
!
G'B' ?P'(!>\$>"!
!!!!QD . D!2-!O*((2B*3*?!M!R-+A(*BA2, -!
!!!!5' --'++'!'5'BC-,3,)2BK3!N-2/'(+2AO!=!O, ,1' /233'4!5%!
!
G'B' ?P'(!>\$":!
!!!!SD . D!2-!H-)32+C!
!!!!O, -B' -A(KA2, -!2-!F(, T'+2, -K3!M!5'BC-2BK3!O, ? ?*-2BKA2, -!
!!!!Q2-, (+!2-!O'33, !F'(T, (?K-B'!K-E!UJK-2+C!
!!!!5' --'++'!'5'BC-,3,)2BK3!N-2/'(+2AO!=!O, ,1' /233'4!5%!
!
! ! !
!!!
. *)*+!>\$>\$! !
!!!!OR5R!F(,)(K?!O'(A2T2BKA'!T, (!U, B2K3!K-E!S'CK/2, (K3!V'+ 'K(BC!
!
. *)*+!>\$>\$! !
!!!!OR5R!F(,)(K?!O'(A2T2BKA'!T, (!W*?K-!U*PX'BA+!V'+ 'K(BC!
!
. *)*+!>\$>\$! !
!!!!OR5R!F(,)(K?!O'(A2T2BKA'!T, (!U, B2K3!K-E!V'+J, -+2P3'!O, -E*BA!, T!
!!!!V'+ 'K(BC!!!
!
. *)*+!>\$":! !
!!!!O'(A2T2BKA'!T, (IB, ?J3'A2, -!, T!UJK-2+C!R-A' -+2/'!>\$!O, *(+'!
!!!!N-2/'(+2AO!, T!H+JKY, 3!R-A'(-KA2, -K3!W, *+'!!=!ZK3' -B2K4!UJK2-!
!

J(, J, +K3+4!2-B3*E2-)!RVS!JKJ'([, (14!(+'K(BC!E'+2)-4!EKAK!
B, 33'BA2, -4!K-E!K-K3O+2+D!!

!
.*)*+A!>\$>>=F('+'-A!!
! ! ! !

H/K3*KA, (!
V'+J, -+2P3'!T, (!'/K3*KA2-)!2-A'(-K3!K-E!'IA'(-K3!)(K-A]T*-E'E!
J(,)(K?+!9+'!'H/K3*KA2, -!+'BA2, -;!H/K3*KA2, -!E*A2'+!2-B3*E'!
E'/'3, J2-)!K-E!2? J3'?'-A2-)!'/K3*KA2, -!J3K-+4!2-B3*E2-)!+*(/'O!
2-+A(*?'-A+4!T, (!T, (?KA2/'!K-E!+*? ?KA2/'!'/K3*KA2, -![2AC!K!B,

C,3E2-)!,-'],-],- '!?' 'A2-)+! [2AC!+A*E' -A+4!)(KE2-)!+A*E' -A! [,(14!
K-E!C,3E2-)!+A*EO!+'++2,-+D!

U*? ? '(!>\$>"=>\$>>!!!!!!5' --'+' '!5'BC-,3,)2BK3!N-2/'(+2AO!=!O,,1'/233'4!5%!
!!!!4006:&!0!I&;&2*:<!8:)')>6:!?&&3)A>&'#!B*2%\$2#&!C;;6;#2'#!
!!!!V'+J,-+2P3'!T,(!?'K-K)2-)!J(,T'+2,-K3!M!A'BC-2BK3!B,??*-2BKA2,-!!!!
!!!!2-A'(-!T,!AC!'O'-A'(!T,(!V*(K3!R--, /KA2,-!K-E!V*(K3!V'2?K)2-'ED!.3+,!
!!!!('+J,-+2P3'!T,(!J(/2E2-)! [,(1!A,!+A*E' -A! [,(1'(+!K-E!B,--'BA2-)!AC'?!
!!!!A,!B32'-A+!A,!J(/2E'!A'BC-2BK3!K++2+AK-B'D!!

!

UJ(2-)!>\$>\$=>\$>"! !!!!5' --'+' '!5'BC-,3,)2BK3!N-2/'(+2AO!=!O,,1'/233'4!5%!
!!!!"#*2#&56:!D32' '6'5!B*2%\$2#&!C;;6;#2'#!
!!!!V'+J,-+2P3'!T,(!E'/'3,J2-)!AC'!\` (K-E!OCK33'-)'e!V*(K3!V'2?K)2-'E!
!!!!N-2/'(+2AO!2-2A2KA2/'!B,??*-2BKA2,-!+A(KA')2B!J3K-!K-E!K++2+A2-)!2-!
!!!!B,(E2-KA2-)!B,??*-2BKA2,-!AC(,*)C!J*P32BKA2,-+4!,*A('KBC4!J3K--2-)!4!
!!!!K-E!(+'K(BCD!!

!

>\$":=

F'(B'JA2, -+!, T!J(')]+'(/2B'!A'KBC'(!BK-E2EKA'+D!9RVS!KJJ(/'Eh!EKAK!B, 33'BA2, -!2-!
J(,)('+++;D!!!

!

M!OC2A2O, 4!`D!9>\$>g;D!HE*BKA2, -K3!+'3T]KBA*K32dKA2, -e!O, ?JK(2+, -!, T!?, E'(KA2, -!
K-K30+2+!?, E'3+!T, (!+A*E' -A+! [2AC!E2TT'(' -A!3' / '3+!, T!KBKE' ?2B!(2+1!TKBA, (+D!9&2-K3!
('/2+2, -+!2-!J(,)('+++;D!!!

!

. 33'O4!UD4!QK--KCK-4!VD4!R+P'334!UD4! M!OC2A2O, 4!`D!9>\$>6;D!R-A'(KBA2/'!?'AC, E+!2-!
*-E'() (KE*KA'!'B, -, ?2B+!B, *(+'+!K-E!+A*E' -A!KBC2' / ' ?' -AD!9&2-K3!('/2+2, -+!2-!J(,)('+++;D!!!

!

a2-?, -AC]UBC*3Ad4!WD4!M! 9>\$>6;D!UA*E' -A+f!J'(B'JA2, -+!, T!3'K(-2-)! , *AB, ?'+e!!
5(KE2A2, -K3!/'(+*+!) (, [AC]PK+'E!) (KE2-)!2-!P2, 3,)O!'E*BKA2, -D!9&2-K3!('/2+2, -+!2-!
J(,)('+++;D!!!

!

M!a2-?, -AC]UBC*3Ad4!WD 9>\$>6;D!5(KE2A2, -K3!/'(+*+!2? J(, /'?'-A]PK+'E!) (KE2-)!2-!
P2, 3,)O!'E*BKA2, -e!G2TT'(' -B'+!2-!+A*E' -A+f!B(2A2BK3!AC2-12-)!+1233+4!' -)K)'?' -A4!K-E!
'TT, (AD!9GKAK!K-K30+2+!K-E!B, 33'BA2, -!2-!J(,)('+++;D!!!

!

M!OC2A2O, 4!`D!9>\$>6;D!Q, E'(KA2-)! 'TT'BA+!, T!(2+1!TKBA, (+!K-E!2-+A(*?'-AK3!
?, A2/KA2, -!, -!+A*E' -A+f!T*3T233?' -A!, T!'E*BKA2, -K3!'IJ'BAKA2, -+D!QK-*+B(2JA!+*P?2AA'E!T, (!
J*P32BKA2, -D!U*P?2AA'E!A, !AC'!C>&*6:2'!8%\$:2#)'23!I&;&2*:<!G)\$*'23!9*-E'(!(' /2' [;D!!!

!

F, AA'(4!GD4! M!R+P'334!_D!9>\$>6;D!N-E'(+AK-E2-)!AC'!B, 33')!'JKAC!J(, B'++!, T!(*K3!
!!!!!!!!!!!!5'--'++'!+A*E' -A+D!U*P?2AA'E!A, !-<&!I\$*23!8%\$:2#)*!9*-E'(!(' /2' [;D!!!

!

c'-EA4!UD4!S'KBC4!_D4! c'-EA4!_D4! M!H3(, E4!GD!9>\$>6;D!F('+'(/2B'!5'KBC'(!F'(B'JA2, -+!
, T!N+2-)!6#S!iOK?'(K+!K-E!Z2(A*K3!V'K32AO!T, (!HE*BKA2, -!F('JK(KA2, -D!U*P?2AA'E!A, !AC'!
HC4I!G)\$*'23!)0!8%\$:2#)'!9*-E'(!(' /2' [;D!!!

!

! :

9>\$>6;D!-<&!9)%&*2#6)'!800&:#!)0!H', #*\$>&'#23!9)#6@2#6)'J!I6;+!I2:#)*;J!2'%'!
"&30K8006:2:L!)!#<&!I&32#6)';<6A!F&#M&&'!D2*&'#23!8NA&:#2#6)';!2'%'!#\$%&'#!
8%\$:2#6)'23!8NA&:#2#6)'!I\$30633>&'#!

2*&2;!&@&'!2>) '5!2!D2'%&>6:R!HE*BKA2, -K3!5'BC-,3,)O!R-+2)CA+D!
CAAJ+ebb+C,(A*(3DKAbJ/ j n7!

! OC2A20,4!`D4!nK)*? -O4!LD4!GK/2+4! aD4!L2AA('334!QD4! . 1' -+, -4! . D4!S'+- ,/4! aD4! o !M!
9>\$>" ;D!5'KBC'(!J'(B'JA2, -+!, T!*+2-)!BC'++!K+!K!C'*(2+A2B!J'EK),)2BK3! ? 'AC,ED!
H'#&*'2#6)'23!G)\$*'23!)0!/\$**6:\$3\$>!2'%!H';#*\$:#6)'J!V096;4!>g7>=>g:#D!
CAAJ+ebbT23'+D'(2BD'ED), /bT*33A' IAbH "6"><8<DJET!

! !9>\$>\$! . J(23;D!O \ ZRGJ": f+!HTT'BA!, -! \ P'+2/'!0, ? J*3+2/'!G2+, (E'(19 \ OG;D!
! 9WC/B*2%;!F3)5R!
! CAAJ+ebb?3K)(KE+D)3KDCB, ? ? , -+D, ()b>\$>\$b\$gb>gb)(KE|A*E2'+]2-]B,(, -K/2(*+J, +A] >bd!

. 21' -+4!QD4! c (2)CA4!GD4!M! !9>\$": ;D!5'BCf+!)(K-E!BCK33' -) 'J2B1+!*J!+A'K?D!
-<*&K865<#K I6@&J!JJJ!>"=>>D!!

!9>\$": 4!_ *30;D!5, I2B!KAA2A*E'+e!WK((2'A!QK(A2- 'K*f+!B(2A2B2+ ?!, -! [, ?' -!K-E!AC'!(C'A, (2B!
, T!+CK? 'D! -<&! 92*#6' &2\$!"): 6&#L4!JJJ!"g=" :D!9 . BB'JA'E!T, (IB, -T'(' -B'!J('+' -AKA2, -!K-E!
J*P32BKA2, -;D!

!9>\$>6;D!HIK?2-2-)!+A2)?K+!A, [K(E+! \ P'+2/'!0, ? J*3+2/'!G2+, (E'(19 \ OG;e!
F'(B'JA2, -+!, T!J('+' (/2B'!A'KBC'(+D!U'+2, -!+*P?2AA'E!A, !AC'!>\$>6!H'#&*'2#6)'23!4 / ?!
I)\$'%2#6)'!4'36'&!4 / ?! /) '0&*&':&!9*-E'(!(' /2' [;D!!

!9>\$>6;D!Q, E'(KA2-)!HTT'BA+!, T!V2+1!&KBA, (+!K-E!HIA(2-+2B!Q, A2/KA2, -!, -!UA*E' -A+f!
&*3T233? ' -A!, T!HE*BKA2, -K3!HIJ'BAKA2, -+D!FKJ'(!+*P?2AA'E!A, !AC'!>\$>g!C>&*6:2'!
8%\$:2#6)'23!I&;&2*:<!C;;):62#6)'!0, -T'(' -B'!9*-E'(!(' /2' [;D!

! OC2A20,4!`D4! GK-^*KC4!QD4!M!LK+A('+4!QD!9>\$>6;D!Q2I'E!?'AC,E+!KJJ(,KBC'+!A,!
'/K3*KA2, -!2-!K-!'E*BKA2, -K3!+'AA2-)!T, (!'TT'BA2/'!+A, (OA'332-)D!U*P?2AA'E!A, !AC'!>\$>g!

OC2A20,4!`D4! LK+A(' +4!QD4!M!nK)*? -O4!LD!9>\$>";D!F'(B'2/'E!P' - 'T2A+!,T!BC'++!K? , -)!
+A*E' -A+e!HIK?2-2-)!E2TT'(' -B'+!PO!K)'!K-E!)' -E'(D!IH?8!/<&;;!6!'!8%\$:2#6)'!
/)>>6;;6)'!X8? . YJ!H'#&*'2#6)'23!4'36'&!/')'0&*&':&R!

!

!9>\$"7;D!-)N6:!2##6#\$%&;,!Z2**6&#!92*#6'&2\$U;!:*6#6:6;>!)'!M)>&'!2'%!#<&!*<&#)*6:!)0!
"<2>&!pFKJ'(!J('+' -AKA2, -qD!WK((2'A!QK(A2- 'K*!U, B2'AO!O, -T'(' -B'4!L, -E, -4!N-2A'E!
a2-)E, ?D!!

M!OC2A20,4!`D!9>\$>6;D!OC, , +2-)!AC'!?, +A!+*2AKP3'!+, TA [K('!T, (!K-K3Od2-)!B, ?J3'I!
'E*BKA2, -K3!+*(/'O!EKAK+'A+D!F, +A'(!J('+' -A'E!KA!AC'!>\$>6!C>&*6:2'!8@23\$2#6)'!
C;;):62#6)'!8@23\$2#6)'![\ [O!/')'0&*&':&,!-<&!D)M&*!)0!'"#)*L!2-!R-E2K-KJ, 32+4!R-E2K-KD!!

4!F, AA'(4!GD4!R+P'334!_D4!M!W2-1'34!UD!9>\$>6;D!N-E'(+AK-E2-)!B, 33')'!JKAC!E'B2+2, -+!, T!
(* (K3!5' -- '+'K- +D!FKJ'(!/2(A*K330!J('+' -A'E!A, !AC'!>\$>6!J2#6)'23!I)*\$>!#)!C%@2':&!
I\$*23!8%\$:2#6)'D!

!M!OC2A20,4!`D!9>\$>6;D!8%\$:2#6)'23!'"&30KC:#\$23672#6)',!/')>A2*6;)'!)0!9)%&*2#6)'!
C'23L;6;!D*

4!LK [('-B'4!aD4!QKAC'-E'4! . D4!M!OC2A20, 4!`D!9>\$>";D! (*6#6'5!2S636#L!2 '%!5&'%&*!2;!
>)%&*2#)*;!)0!#<&!*&32#6)' ;<6A!S&#M&&'!6';#*\$>&'#23!>)#6@2#6)'!2'%!2:2%&>6:;!;&30K
&006:2:L!pF, +A'(!J('+'-AKA2, -qD!5'--'++'!5'BC-, 3,)2BK3!N-2/'(+2A0! . --*K3!V'+ 'K(BC!K-E!
R-^*2(O!GKO4!0, , 1' /233'4!5%4!N-2A'E!UAKA'+D!!!

!9>\$": ;D!-)N6: !2##6#\$%&;, !Z2**6&#! 9 2*#6' &2\$U; !: *6#6:6; >!) '!M) >&'!2 '%!#<&!*&#)*6:!)0!
"<2>&!pFKJ'(!J('+'-AKA2, -qD!5'--'++'!5'BC-, 3,)2BK3!N-2/'(+2A0! . --*K3!V'+ 'K(BC!K-E!
R-^*2(O!GKO4!0, , 1' /233'4!5%4!N-2A'E!UAKA'+D!

9>\$>6;D!CAA36:2#6)'!)0!;&'#6>&'#!2'23L;6;!#)!#&33!2!;#)*L!M6#<!%2#2R!pZ2(A*K3!
J('+'-AKA2, -qD!F('+'-A'E!A, !AC'!C>&*6:2'!8@23\$2#6)'!C; ;):62#6)'!D*&'KV/[!8%\$:2#6)'23!
8@23\$2#6)'!-)A6: !H'#&*;&#;#B*)\$AR!!

!9>\$>\$4!_*-'!>6;D! I \$*23!*&6>256'&%!)@&*@6&M!2'%!2''\$23!2: :)>A36;<>&'#;!p \ -32- '!
['P2-K(!J('+'-AKA2, -qD!S, K(E!, T!5(*+A''+!Q''A2-)4!0, , 1' /233'4!5%4!N-2A'E!UAKA'+D!
CAAJ+ebb [[[DO, *A*P'DB, ? b [KAbCk/ 10g\$ \ &^"30 . R!

! . 21' -+4!QD4!M! !9>\$>\$;D! -&' '&;;&&!#&:<')3)56:23!\$'6@&*;6#L!*\$*23!*&6>256'&%!
p0, -T'(' -B'!'+'+2, -qD!NJJ'(!O*?P'(3K-E!HE*BKA2, -!L'KE'(+4!
O, , 1' /233'4!5%4!N-2A'E!UAKA'+D!!!

!9>\$>\$;D! -&' '&;;&&!#&:<')3)56:23!\$'6@&*;6#LU;!5*2'%!:<233&'5&! I \$*23!*&6>256'&%!

!
"\$AA)*#6'5! . '%&*5*2%\$2#&!''#\$%&'#!D&*;6;#&':&!2'#!B*2%\$2#6)'!X"D8CIYR!\` (K-A!J(, J, +K3!
+*P?2AA'E!A, !%KA2, -K3!UB2' -B'!&, *-EKA2, -!9%U&;D!9>\$>6;D!9% , A!T* -E'Eh! ;

!
4'&!() *3%! 9 \$3#6: \$3#\$*23!8@&'6'5; , !I233! =!"A*6'5J![\ [0!XcV\JPP\YR!&* -E'E!PO!5' - - '++''!5'BC!
N-2/'(+2AO4!O , , 1' /233'4!5%D!

8NA&*6&' :&!0)*! . '%&*5*2%\$2#& ;!XH I 8 " - / I 8 . Y!D*)5*2>R!5' -- '+'+'!5 'BC- ,3,)2BK3!
N-2/'(+2A04!0 , , 1' /233'!5%D!

!

HE*BKA2, -K3!' / ' -A!AC(,*)C!&('E, ? !UBC, , 34!RQF . 05!0 , , 1' /233'4!K-E!F*A-K?!0 , *-AO!L2P(K(O!
9>\$>6;D! . ++'++2-)!J'(B' JA2, -+!, T!'B, - , ? 2BK33O!E2+KE/K-AK) 'E!JK(' -A+!, -!K!J , +A]
+'B, -EK(O!'E*BKA2, -K3!' / ' -A!2-!(*K3!5' -- '+'+'!D!p \ -32- '!K-E!JKJ'(!+*(/ 'O!2-+A(*? ' -A!T, (!
&('E, ? !UBC, , 3!JK(' -A+!, T!KA](2+1!O, *AcqD!

!

H-)2- ' '(2-)!H-CK-B' ? ' -A+!T, (!UA*E' -A]O' -A'('E!L'K(-2-)!@!5'BC!9HUOL@5';!R-2A2KA2/ '!
9>\$>6;D! . ++'++2-)!+A*E' -A+f!K-E!TKB*3AOf+!J'(B' JA2, -+!, T!HUOL@5'!2-2A2KA2/ '!p \ -32- '!
+*(/ 'O!2-+A(*? ' -A+!K-E!T, B*+!)(, *J!2-+A(*? ' -A+qD!

!

2%HU5!F(,)(K ? !9>\$>>=>\$>6;D! . ++'++2-)!+A*E' -A+f!J'(B' JA2, -+!, T!3'K(-2-)!4! - 'A [, (12-)4!K-E!
)K2-+!2-!KP232A2'+!T(, ? !JK(A2B2JKA2-)!2-!AC'!2%HU5!J(,)(K ? D!p \ -32- '!+*(/ 'O!2-+A(*? ' -A+!
T, (!2%HU5!J(,)(K ? !+A*E' -A+qD!

!
. J(23!>\$>6! ! D&*;) '2367&%!W&2*'6'5! () *+;<)A4!O '-A'(!T,(!R-- ,/KA2, -!2-!5 'KBC2-)!K-E!
L'K(-2-)4!5' --'++'!5'BC!N-2/'(+2AO!
!

QK(BC!>\$>6! ! [\ [O! () > & 'U;!W&2%&*;<6A! /) '0&*& ':&4!5' --'++'!5'BC!N-2/'(+2AO!!
!

QK(BC!>\$>6! "#\$%& '#!4*52'672#6)'!C%@6;)*;! () *+;<)A4!S' -XK?2-!UA*PP+4!5' --'++'!
5'BC!N-2/'(+2AO!

!
% , / ' ? P' (!>\$>>!) "&NJ! ? 2#2J!2 '%!#<&! 9 2#&*623! /) '%6#6) ';!)0! - *2';5&'%&*!W60&,! - &336'5!
W6S&*2#)*L! "#)*6&;! - <*)\$5<!8@23\$2#6)'4!GO3K-!&'3A4! . ? '(2BK-!H/K3*Ka2, -!
. ++, B2KA2, -!>\$>>!0, -T'(' -B'!

ONHG!#6\$\$! j *K-A2AKA2/'!HE*BKA2, -K3!V'+ 'K(BC!9?K+A'(f+!3' / '3!('+ 'K(BC!B, *(+';D!!
! ! V'^*2('E! ?K+A'(+]3' / '3!B, *(+'!T, (!+A*E' -A+!A, !3'K(-!KP, *A!AC'!^*K-A2AKA2/'!('+ 'K(BC!

+*BC!K+!32- 'K(!(')('+2, -4!3,)2+A2B!(')('+2, -4!#/A'+A+4!B, (('3KA2, -!K-K30+2+4!TKBA, (!
K-K30+2+4!K-E!*-2/K(2KA!'K-E! ? *3A2/K(2KA!'K-K30+'+!, T!/K(2K-B'D!!

!

>\$>6! ` (KE*KA'!L' / '3!F(KBA2B* ? !=L'K(-2-)!A, !N+'!%KA2, -K3!O' -A'(!T, (!HE*BKA2, -!
UAKA2+A2B+!9% OHU;!GKAK!

!

UJ(2-)4!>\$>6! ` *'+A!3'BA*('(!, -!+*(/ 'O!E'+2) -! ? 'AC, E+!2-!HI '(B2+'!UB2' -B'!('+ 'K(BC!
? 'AC, E+!B, *(+ '!AK*)CA!PO!G(!GK('1!F, AA'(!U5HQ!O' -A'(!

!!

&K334!>\$>>! ` *'+A!3'BA*('(!, -!+*(/ 'O!E'+2) -! ? 'AC, E+!2-!HI '(B2+'!UB2' -B'!('+ 'K(BC!
? 'AC, E+!B, *(+ '!AK*)CA!PO!G(!GK('1!F, AA'(!U5HQ!O' -A'(!

!

U'JA' ?P'(!>\$>>! ` *'+A!3'BA*('(!, -!^*K-A2KA2/ '!('+ 'K(BC! ? 'AC, E+!2-!B, -- 'BA2, -!A, !
F(, T'+2, -K3!M!5'BC-2BK3!O, ? ? *-2BKA2, -!2-!H-)32+C!G'JK(A? '-A!B, *(+ '!
AK*)CA!PO!G(!a(2+A' -!F2B1'(2-)D!W' -E'(+, -!WK33D!!

!

UJ(2-)4!>\$>>! ` *'+A!3'BA*('(!, -!+*(/ 'O!E'+2) -! ? 'AC, E+!2-!HI '(B2+'!UB2' -B'!('+ 'K(BC!
? 'AC, E+!B, *(+ '!AK*)CA!PO!G(!GK('1!F, AA'(!U5HQ!O' -A'(!

!

`(K-A!J(, J, +K3!('/2' ['(!T, (!AC'!I\$*23!I&6>256' &%!I2:\$3#L!B*2'#!D*)5*2>J!5' -- '+ '!'5'BC!
N-2/ '(+2AOD!&K33!>\$>6D!!

!

N-2/K(2KA'!K-E! ? *3A2/K(2KA'!K-K3O+'+!, T!
/K(2K-B'!
HIJ'(2? '-AK3!E'+2)-!
UA(*BA*(K3!' ^*KA2, -! ? ,E'32-)!
&KBA, (!K-K3O+2+!
F(2-B2JK3!B, ? J, - '-A+!K-K3O+2+!

FK- '3!EKAK! ? 'AC, E+!
RSQ!UFUU!
. Q!U, TA [K('!
V!U, TA [K('!M!V!UA*E2, !
_. UF!

>\$>6=>\$>8!! ! !!O,33') '! ,T!HE*BKA2, -! . ++'++ ? '-A!, T! . ++'++ ? '-A+!O, ? ?2AA' '4! . JJ,2-A'E!
!!Q' ? P'(!
!
>\$>>=>\$>8!! ! !!O,33') '! ,T!HE*BKA2, -! . ++'++ ? '-A!O, ? ?2AA' '4! . JJ,2-A'E!Q' ? P'(!
!
>\$>\$=>\$>!! ! !!R-A'33'BA*K3!F(, J'(AO! . E/2+, (O!O, ? ?2AA' '4! . JJ,2-A'E!Q' ? P'(!
!
>\$>\$=>\$>"!! ! !!` (KE*Ka'!UA*E2'+!HI 'B*A2/'!O, ? ?2AA' '4! . JJ,2-A'E!Q' ? P'(!
!
U* ? ? '(!>\$>\$!! !!O, ? J*A'(!UB2' -B'!G'JK(A ? '-A! . SH5! . BB('E2AKA2, -!U'3T]UA*EO4!
!! !!V' /2' ['(!
!
>\$>\$=F('+' -A!!!! !!WOP(2E!O \ ZRG]" :!5K+1!&, (B'4!Q' ? P'(!
!
>\$>\$=F('+' -A! ! !!UA*E' -A!U*BB' ++!O \ ZRG]" :!5K+1!&, (B'4!Q' ? P'(!
!
>\$>\$=F('+' -A! ! !!UA*E' -A!` , /'(- ? '-A! . ++, B2KA2, -4!` (KE*Ka'!UA*E2'+!U' -KA, (!
!
>\$" :=F('+' -A! ! !!` (K-E!OCK33' -) 'e!V*(K3!V'2 ? K)2- 'E!O, ? ?2AA' '4!Q' ? P'(!
!
>\$"7=>\$>\$! ! !!N%RZ!"\$>\$!5'KBC2-)! . [K(E!, T!HIB'33' -B'!U'3'BA2, -!O, ? ?2AA' '4!_ *E)'!
!!!!
!
>\$" :=>\$>\$! ! !!!!!5' - - '++'!'!5'BC!O' -A'(!T, (!V*(K3!R-- , /KA2, -! =!O, , 1' /233'4!5%D!

!!!!F(,) (K ? !O C K 2 (! H 3 ' B A D ! !
!
>\$>\$=F('+'-A! !!!!!. ? '(2BK-!H/K3*KA2, -! . ++, B2KA2, -4! Q ' ? P'(!
!
>\$>\$=F('+'-A! !!!!!R Q F . 0 5 ! 5 5 N 4 ! Z 2 B ' ! F (' + 2 E ' - A !
!
>\$>\$=F('+'-A! !!!!!UA*E' -A! ` , / ' (- ? ' -A! . ++, B2KA2, -4! ` (KE*KA' !U' -KA, (!
!!!!!
>\$":=F('+'-A! !!!!!V*(K3!V'2 ? K)2- 'E! O3*P4!& , * -E2-)!F(' +2E' -A!
!
>\$"<=>\$"7! !!!!!. 3 J C K ! L K ? P K ! G ' 3 A K 4 ! K B K E ' ? 2 B ! - K A 2 , - K 3 ! C , - , (+ ! + , B 2 ' A O 4 ! Q ' ? P'(!

>\$"8=>\$":! !!!!!5' -- '+' ' ! 5 ' B C - , 3 ,) 2 B K 3 ! N - 2 / ' (+ 2 A O ! \ (B C ' + A (K 4 ! U ' B , - E ! O C K 2 (! O ' 3 3 2 + A !

>\$"<=>\$"7! !!!!!5' -- '+' ' ! 5 ' B C - , 3 ,) 2 B K 3 ! N - 2 / ' (+ 2 A O ! O C , (K 3 ' 4 ! K 3 A , ! + 2 -) '(

U* ? ? '(4!>\$>6!!!!!!&(''E, ? !U B C , , 3 ! = ! 0 , , 1 ' / 2 3 3 ' 4 ! 5 % !
! ! !!!!!^) 3 \$ '#&&*! I & 2 % & *!
!
UJ(2-)4!>\$>6! !!!!!F K (1 ! Z 2 ' [! H 3 ' ? ' - A K (O ! U B C , , 3 ! = ! 0 , , 1 ' / 2 3 3 ' 4 ! 5 % !
! ! !!!!!I & 2 % & * ! 0) * ! I & 2 % ! C : * ; ; ! C > & * 6 : 2 !
!
>\$"#=>\$"7! !!!!!UA' / ' - + ! UA (' ' A ! S K J A 2 + A ! O C * (B C ! = ! 0 , , 1 ' / 2 3 3 ' 4 ! 5 % !
!!!!^) 3 \$ '#&&*! / & 3 3 6 ; #!

>\$"#! ! !!!!!O ' E K (! W 2 3 3 + ! U ' - 2 , (! L 2 / 2 -) ! = ! 0 , , 1 ' / 2 3 3 ' 4 ! 5 % !
^) 3 \$ '#&&*! / & 3 3 6 ; #!

!!

>\$":! ! !!!!!5' -- '+' ' ! 5 ' B C - , 3 ,) 2 B K 3 ! N - 2 / ' (+ 2 A O ! = ! 0 , , 1 ' / 2 3 3 ' 4 ! 5 % !
!!!! (6 ' ' & *!
!!!!! u S ' + A ! N - E ' () (K E * K A ' ! V ' + ' K (B C ! F K J ' (D v ! . - - * K 3 ! V ' + ' K (B C ! K - E ! O (' K A 2 / ' !
!!!!! R - ^ * 2 (O ! G K O D !
!
>\$"7! ! !!!!!W K ((2 ' A ! Q K (A 2 - ' K * ! 0 , - T ' (' - B ' ! = ! L , - E , - 4 ! N a !
!!!!! I 6 ' 2 3 6 ; # E D * & ; & ' # & *!
!!!!!
>\$"#! ! !!!!!_ K B 1 + , - ! 0 , * - A O ! W 2) C ! U B C , , 3 ! = ! ` K 2 - ' + P , (, 4 ! 5 % !
! ! !!!!!^ 2 3 & % 6 : #) * 6 2 ' !
!
>\$"8! ! !!!!!. ? '(2BK-!L')2, -!\ (KA, (2BK3!UJ' 'BC!O, -A'+A! =!Q*(T(''+P, (, 4!5%!
! ! !!!!!['%! D 3 2 : & ! "# 2 # & ! I 6 ' 2 3 6 ; # !
! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

!

!!!! (6 ' '&*/
 !!!!!
 >\$"g! ! !!!!! !!!!!R-A'(-KA2, -K3!UB2' -B' !K-E!H-)2- ' '(2-)!&K2(!=!L, +! . -)'3'+4!O .!
 !!!!! I6'236;#/
 !!!!!
 >\$"6! ! !!!!!!! !!!!!R-A'(-KA2, -K3!UB2' -B' !K-E!H-)2- ' '(2-)!&K2(!=! . (2d, -K!
 !!!!! I6'236;#/
 !

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!

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