

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

" - \*& 0) - \*1#2"#/1 - &&

314).)+ - 5 6 "7) - 2&

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

&

/ 0(12!\* + ,33!4!5 \$1\$- , '(61!7 \$#!

8-\$9, -\$: ! ; . <!

5 (= ' . ! > + , - '\$ (= (6?!80!A!

B , -%0!CDEF!

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/O(G!G!&: .!(G!(1'\$1:\$:!'6!0\$39!/O(12!\*+ ,33!,1:!5 \$1\$-,'(61!7\$#!&1:\$-G',1:!06H!+=,(3(\$G!I,'O\$-!  
(1=6+ ,'(61!H\$(I0!+=,%'6-G?! ,1:!!+ ,2\$!,1!" , -3.!J ,-\$!,1:!" :&% ,'(61!K" J "L!,1:!M(1:\$-I,-'\$1!  
\$1-633+\$1'!:\$%(G(61G!6-!'O\$(-!%0(3:!! ;\$36H!,-\$!=\$!)!2\$.!' ,2\$,H, .G!'O,'!(33&+(1, '\$!'O\$!=(1:(1IG!  
=-6+!NO!9,-\$1'G!(1'\$-)(H\$H\$:'!H(%\$!\$, %O<!61%\$!&-(1I!>9-(3PB , .!6=!CDEQ!,G!'O\$. !H\$-\$!  
%61G(:\$-(1I!M(1:\$-I,-'\$1!69'(61G!6-!'O\$(-!%0(3:R!,1:!, I,(1!(1!\*\$9'\$+SS-PT%'6SS-!CDEQ?!,='-\$!'O,'!  
%O(3:!'G',-\$:!'M(1:\$-I,-'\$1@!  
!  
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**89 : 441..;& : 21-4%;&' - \*&<#)= \$121&>?@/ \$%&A -B\$?1-41&/ (1&314).)+ -5  
6 "7)-2&<#+41..&**

U6-!G6!+ , 1. !+=,(3(\$G?!'O\$(-!:\$%(G(61V+ ,2(1I!:\$+61G'-,'\$:'!O,'!,%%\$GG?!, I\$1% .?!,1:!'9-)(3\$I\$!93, .!  
,!9( )6',3!-63\$!(1!'O\$!9-6%\$GG!W1!'O\$!%61'\$#!'6-!'O\$!-\$96-'?!'O\$G\$!%61%\$9'G!H\$-\$!16!'!6!S\$!  
(1'\$-9-\$':!,G!1\$I,')(\$!6-!H('O!(33VX&: I+\$!'S&'!,G!G'-!\$I'OG!'6G'-())\$!'6H,-:G@!Y O(3\$!G'-61I!  
, '\$'+9'G!,1:!'\$=6-'G!O, )\$!S\$S\$1!+ , :\$!'6!G'-!\$1I'O\$1!'O\$!:\$%(G(61V+ ,2(1I!9-6%\$GG!6-!+=,(3(\$G?!  
(1%-,\$,G\$:'!\$=6-'G!G06&3: !S\$!+ , :\$!'6!\$+96H\$-!+=,(3(\$G!'6!\$#9,1:!'O\$(-!,%%\$GG?!\$#\$-%(G\$!'O\$(-!  
, I\$1% .?!,1:!'3\$)\$-, I\$!'O\$(-!9-)(3\$I\$!  
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**: 441..C!>%%\$GG!'6!(1=6+ ,'(61!(G!,!%61G(G'\$1!'!%61%\$-1!6-!+=,(3(\$G@!A&-(1I!:\$%(G(61V+ ,2(1I?!  
=,+(3(\$G!H6--.!,S6&'!O\$(-!,%%\$GG!'6!,%%&-,'\$(1=6+ ,'(61?! ,1:!'S\$%6+\$!=-&G'-,'\$:'!(='!O\$. !=\$3!  
-\$Z&(-\$:'!6!+ ,2\$!,!:\$%(G(61!H('O!(1%6+93\$!'\$(1=6+ ,'(61@!W+9-6)(1I!,%%\$GG!'6!%61G(G'\$1'!  
(1=6+ ,'(61!H(33!-\$Z&(-!\$!%633,S6-,')(\$!\$=6-'G!6-+!6-I,1([,'(61G?!:(G'-(%G?!,1:!'G%0663G@!  
\ \$G6&-%\$G!H(33!1\$\$:'!6!G9,1!'O\$!" J "!::\$%(G(61V+ ,2(1I?!2(1:\$-I,-'\$1V:\$%(G(61!+ ,2(1I?! ,1:!  
2(1:\$-I,-'\$1!\$1-633+\$1!'90,G\$G?! ,1:!'I())!=\$+,(3(\$G!1\$\$:\$:!(1=6+ ,'(61!S\$=6-\$!O\$. !-\$,%O!, !=1,3!  
:\$%(G(61@!Y O\$1!+=,(3(\$G!,-\$!+ , :\$!,H,-\$!6!HO,'!(1=6+ ,'(61!'O\$. !1\$\$:?!'O\$. !H(33!S\$!\$+S63:\$1\$:!  
'6!=(1:!'6&'!HO,'!O\$. !:6!16!'!216H@! / O(G!H(33!S63G'\$-!O\$(-!%61=(:\$1%\$!'6!216H!'O\$. !, -\$!16!',!,!  
:(G, ) ,1', I\$!(1!'O\$!9-6%\$GG!HO(3\$!6'O\$G!-,-\$!I,(1(1I!G\$3\$%)\$!,%%\$GG!'O,'!(G!S\$(1I!2\$9!'-6+!  
'O\$+@!  
!  
!**

**: 21-4%&> I\$1% .!(G!9( )6',3!(1!'O\$!9-6%\$GG!,G!('!-\$3, '\$G!'6!G\$S\$2(1I!,1:!'6S',(1(1I!+(GG(1I!  
(1=6+ ,'(61!,1:!'&'3([!1I!(1=6+ ,'(61!'6!,:)6%, '\$!6-!61\$]G!%O(3:!!\*6+\$!+=,(3(\$G!:6!16!'!216H!  
O6H!'6!1,)(I,'\$!'O\$!%6+93(%,'\$:!G%0663!G.G'\$+!'6!I,(1(1=6+ ,'(61?!HO(3\$!6'O\$G!%,1'6S',(1!  
(1=6+ ,'(61?!S&'!%,116!'+ ,2\$!\$=\$%)\$!&G\$!6=('@!U,+(3(\$G!+, .!S\$!O\$G',1!'!6!%6+ +&1(%,'\$!H('O!  
1\$H3.V,GG(I1\$:'!\$, %O\$G!-,S6&'!O\$(-!%0(3:JG!,S(3('(\$G!,1:!'G2(33G\$'G?!,G!('!G!+=,3G\$3.!,GG&+\$:'!O,'!  
%6+ +&1(%,'(61!G06&3: !S\$!-\$G\$-\$): !=6-(GG&\$G!6-!'69(G!6=!%61%\$-1@!J 6+ +&1(%,'(1I!H('O!'O\$(-!  
%O(3:JG!\$, %O\$-!G06&3: !S\$!-\$=-, +\$:'!,G!,1!6996-'&1(' !=6-!+=,(3(\$G!'6!S&(3:!,!-\$3, '(61G0(9!H('O!'O\$!  
'\$, %O\$-!,1:!'1I, I\$!(1!'O\$(-!%0(3:JG!\$:&%, '(61@! / 6!, %O(\$)!\$'O(G!GO=(!1!9\$-G9\$%)\$?!\$=6-'G!G06&3:!  
S\$!+ , :\$!'6!9-6)(:\$!+=,(3(\$G!H('O!'O\$!9\$-+(GG(61!,1:!'G2(33G!'6!96G(')\$3.!, : )6%, '\$!6-!'O\$(-!%0(3:!!  
8\$-+(GG(61?!HO(%O!(G!: )6-%\$: !=6+!,&'O6-(. !S&'!G(&,'\$:'!(1!, =(-+, '(61?!%,1!\$+96H\$-!+=,(3(\$G!  
'6!%O, +9(61!'O\$(-!%0(3:JG!1\$\$:G@! / \$, %O\$G!%,1!O\$39!+=,(3(\$G!-\$,3([!\$'O,'!O\$. ?!'66?!063:!,!9(\$%\$!6-!  
'O\$!9&[!3\$?!,1:!'O,'!O\$. !G06&3: !S\$!\$+96H\$-\$:'!6!GO,-\$!HO,'!O\$. !216H!,S6&'!O\$(-!%0(3:!!B 6-\$!  
G06&3: !S\$!:61\$!'6!O\$39!+=,(3(\$G!G\$S!'O,'?!HO(3\$!'O\$. !+ , .!16!'S\$!%61'\$1'!6-!%&--(%&3&+ !S#\$9-'G?!  
'O\$. !, -\$!\$#9\$-G!6='!O\$(-!%0(3:-\$1?!HO(%O!+ ,2\$G!HO,'!O\$. !O, )\$!'6!%61'-(S&'\$(+96-',1!@!^ ,G'3.?!  
!  
!**



G%O\$: &3(1I!36I(G'(%G@!W'!G06&3:!,3G6!\$3\$), '\$!'O\$(+96-', 1%\$!6=!, -'(%&3, '(1I!=", +(3.!), 3&\$G!, 1: !&G(1I!  
'O, '!6!: -()\$!'O\$!&'&-\$!: \$(G(61V+, 2(1I!!

**L9 E" F)\$1.& 6 "7)-2&314).)+- .&H11\* & 6 + #1&A-B+ #F "/)+- &**

>'!, 3+6G'!\$)-. !G', I\$!6=!'O\$!2(1: \$-I, - '\$1!: \$(G(61V+, 2(1I!9-6%\$GG?!

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" 16&IO%, 116"!S\$!G, (:!, S6&'!O\$!6996-'&1(' .!'6!\$#9\$-(\$1%\$!'O\$!\$3\$+\$1', -. !G%0663!(1!9\$-G61!, 1:!  
'6!', 32!'6!G', ==!, 1: !G%0663!3\$, :-\$-GO(9@!A\$G9('\$!, 33!6='!O\$!', 1I(S3\$!, 1: !6SX\$%' )\$! =, %'6-G!'O, '!  
(1=3&\$1%\$! =, +(3(\$G! : \$%(G(61V+ , 2(1I?!=6-!+ , 1 .!'O\$! : \$%(G(61!H, G! + , : \$!S .!, 1!(1: \$G%-(S, S3\$!=\$3(1I!  
'O\$. !-\$%\$ )\$ : !&961!'6&-(1I!, !G%0663@!U, +(3(\$G!GO6&3: !S\$!\$1%6&- , I\$ :!'6!) (G('!'O\$!G%0663G!'O\$ .!, -\$!  
%61G(: \$-(1I!=6-'O\$(-!%O(3: @! \ \$, : (1I!, S6&'!O\$!G%0663!%&3'&-\$!61!, !HSSG('\$?!(1!, !S-6%O&-\$?!6-!  
O\$, -(1I!, S6&'!(!=-6+ !6'O\$-G!9, 3\$G!(1!%6+9, -(G61!'6!\$#9\$-(\$1%(1I!( '(1V9\$-G61@! " )\$1!(=!, +(3(\$G!  
=\$3!%61=( : \$1'!(1!'O\$(-! : \$%(G(61!, S6&'!, !9, -'(%&3, -!G%0663?!'O\$. !G06&3:!'6&-!6'O\$-!G%0663G!'6! + , 2\$!  
, !%6+9, -, '( )\$!, GG\$GG+\$1!'6='!O\$(-!%O6(%\$!, 1: !S&(3: !%61=( : \$1%\$!(1!'O\$(-! : \$%(G(61@!!!

### Q) F) /" /)+ - .&+B&/ (1&>/? \*%&

/O\$!I6, 3!H, G!'6!I, 'O\$-!: , ', !=-6+! =, +(3(\$G?!9, -'(%&3, -3 . ! =, +(3(\$G!6=!%636-!, 1: !36H!(1%6+\$?!=6-!  
HO(%O!'O\$-\$!\$#(G'G!, !3(+('\$:!, +6&1!'6=! (1=6+ , '(61?!'6!&1: -\$-G', 1: !'O\$(-!-, 1G('(61!9-, %'(%\$G@!  
\_6H\$)\$-?!'O\$!NO!(1: ( )(: &, 3G!(1 '\$-)( \$H\$ : !=6-'O(G!G'&: ..!HS-\$!6)\$-HO\$3+(1I3 . !HO('\$!KQQ ` L?!  
=\$+ , 3\$!KFO ` L?! , 1: !O(IO3 . !\$: &%, '\$: !KNa

