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3)' 4. *!5' 06&*+0#2!

"#\$%&'#!()*)++ , &'#!- . /012!!!!!!

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

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B+1+22C' (\$!-2!&' 4-(' &!E. !\$H' !G-\$-1' (A2!; &0-5' !?%1' +%!+2!J+(. !%(F+('\$' &!E' H+0-6%1!FH-5H!. 6%!4-(&! 644' (2-0' !61!FH-5H!C+K' 2!. 6%!4' ' ,!-(\$-C-&+\$' &!61!H%C-,+\$' &LM!N\$!-2!\$H' !-C9+5\$!64!\$H' !E' H+0-6%1! 1+\$H' 1!\$H+(!\$H' !-(\$' (\$!64!\$H' !9' 19' \$1+\$61!\$H+\$!-2!\$H' !&' \$' 1C-(+(\$!64!FH' \$H' 1!H+1+22C' (\$!H+2! 655%11' &M

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F61K!F-\$H!2\$+44:!2\$%&' (\$2:!56 (\$1+5\$612!+ (&!9+1\$ (' 12!\$6!51' +\$' !+ (!% (&' 12\$+ (&- (7!64!+55' 9\$+E,' !
+ (&!% (+55' 9\$+E,' !E' H+0-6%12!+ (&!+F+1' (' 22!\$H+\$!1' 961\$2!C+. !56 (2\$-\$%\$' !51-C- (+,!644' (5' 2M
[' !F-,!2+ (5\$-6 (!\$H' !1' 296 (2-E,' !%2' !64!&-25-9,- (+1. !+5\$-6 (!FH' 1' !+991691-+\$' R!

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\$+K' !2' 1-6%2,.. !6%1!, ' 7+,!1' 296 (2-E,-\$. !461!\$H' !H' +,\$H:!2+4' \$. !+ (&!F' ,4+1' !64!6%1!
2\$%&' (\$2:!2\$+44!+ (&!0-2-\$612!+ (&!+-C!\$6!9160-&' !+!2+4' :!H' +,\$H. !' (0-16 (C' (\$!416C!FH-5H!+,,,!
C+. !E' (' 4-\$R!

! 2%9961\$!2\$+44!F-\$H!9+2\$61+,!5+1' !1' 296 (2-E,-,\$- 2!\$6!1' 567 (-2' !\$H+\$!\$H' .!H+0' !+!1' 296 (2-E,-,\$. !
' 44' 5\$-0' ,. !1' 296 (&!\$6!1' 961\$2R!

! 9160-&' !7%-&+ (5' !+ (&!- (461C+\$-6 (!\$6!2\$%&' (\$2!26!\$H+\$!\$H' .!K (6F!FH+\$!+5\$-6 (!\$H' . !5+ (!\$+K' !-4!
\$H' .!' 09' 1-' (5' !61!' (56% (\$' 1!H+1+22C' (\$!+ (&!+5\$-0' ,. !' (+E,' !\$H' C!\$6!1' 961\$!-\$!+ (&
+991691-+\$' ,. !2%9961\$!\$H62' !-(06,0' &R!

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56,, ' 5\$!1' , ' 0+ (\$!&+\$+\$!6!' (+E,' !\$H' !C6 (-\$61- (7!64!+,,' 7+\$-6 (2!64!H+1+22C' (\$M

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; ,,,!2\$%&' (\$2!H+0' !+!1' 296 (2-E,-,\$. !\$6!\$+K' !1' +26 (+E,' !5+1' !64!\$H' -!16F (!2+4' \$. !+ (&!\$H+\$!64!6\$H' 12!+ (&
\$H' !

!\n!

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#' 10-5' 2!#\$+4MMW!. 6%!H+0' !F-\$(' 22' &!61!E' ' (!-(461C' &!64!H+1+22C' (\$!-(06,0-(7!26C' 6(' !6\$H' 1!\$H+(!
. 6%12' ,4:!!-2!-C961\$+ (\$!\$H+\$!\$H' -!9' 1C-22-6(!-2!6E\$+-(' &!E' 461' !\$' ,,-(7!26C' 6('!' ,2' M

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#\$%&' (\$2!5+(!\$' ,,!26C' 6(' !+E6%\$!H+1+22C' (\$!+\$!+ (.!\$-C' :!E%\$!F

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NS!2H6%,&!E' !(6\$' &H+\$!\$H' !2\$%&' (\$!5+ (!1' 961\$!\$H' !C+\$!\$' !1\$6!\$H' !96,-5' !F-\$H6%\$!C+K-(7!+!1' 961\$!\$6!
\$H' !@(-0' 12-\$. M

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am<M!39\$-6(!<U!Y' 961\$-(7!\$6!\$H' !@(-0' 12-\$. !E%\$(6\$!\$6!\$H' !D6,-5' !

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; !2\$%&' (\$!C+. !F-2H!\$6!461C+,,. !1' 961\$!H+1+22C' (\$!\$6!\$H' !@(-0' 12-\$. !461!56(2-&' 1+\$-6(!%(&' !1-\$2!
/-25-9,-(+1. !D165' &%1' 2!61!461!C61' !

d!
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;,,!C' CE' 12!64!2\$+44!H+0' !+1! 296(2-E,-\$. !6!916C6\$' !+2+4' !' (0-16(C' (\$!+ (&!-4!\$H' .!F-\$(' 22!
H+1+22C' (\$!\$H' (!\$H' .!2H6%,&!\$+K' !+5\$-6(!+2!+991691-+\$' !6!+&&1' 22!-\$M

!

WH-2!56%,&!-(5,%&' P!

!

-\$' 10' (-(!6!2\$69!H+1+22C' (\$!6!C+K' !-\$!5,' +1!\$H+\$!\$H' !F-\$(' 22' &!E' H+0-6%1!-2!
%(+55' 9\$+E,' R!

!

5H' 5K-(7!-4!+12\$%&' (\$!' ' &2!2%9961\$!\$6!1' C60' !\$H' C2' ,0' 2!416C!+12-\$%+\$-6(!FH' 1' !\$H' .!
+1' !E' -(7!H+1+22' &R!!

!

56(\$+5\$-(7!+!C61' !2' (-6!C' CE' 1!64!2\$+44!@(-0' 12-\$.#' 5%1-\$.#' !+(&^6!\$H' !96,-5' !FH' 1' !+!
C' CE' 1!64!2\$+44!&6' 2!(6\$!

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G,+1-4. !F-\$H!\$H' !2\$%&' (\$!\$H+\$!\$H' -1!-CC' &-+\$' !2+4' \$. !+ (&!2%9961\$!(' &!2H+0' !E' ' (!C' \$:!
+(&!\$H+\$!\$H' . !%(&' !2\$+ (&!FH6!\$H' . !5+ (!56 (\$+5\$!-4^FH' (!\$H' . !F-2H!\$6!+55' 22!4%1\$H' !1
2%9961\$M) (56%1+7' !\$H' C!\$6!+\$'\$ (&^4+5-,-+\$' !+!C' ' \$-(7!F-\$H!\$H' !#%\$&' (\$!) *%+,-\$. !+ (&
/-0' !2-\$. !344-5' !1-4!+991691-+\$' M!M!\$H' !2\$%&' (\$!&6' 2!(6\$!H+0' !+!2+4' !9,+5' !\$6!2\$+ . !U!56 (\$+5\$!
\$H' !B+,,2!344-5' !S=" <ac!\c<__VT!6!\$H' !#%\$&' (\$!B6%2-(7!344-5' !S=" <ac!\c<=\aTM

!

; 4\$' !1E' -(7!\$6,&!+E6%\$!+(!- (5-&' (\$!64!H+1+22C' (\$:!. 6%!C%2\$!1' 961\$!\$H' !C+\$\$' !1-(5,%&-(7!
FH+\$' 0' !1-(461C+-\$-6 (!\$H' !2\$%&' (\$!F-2H' 2!\$6!2H+1' !\$6!\$H' !B' +&!64!G6C9,-+(5' :!46,,6F-(7!
\$H' !Y' 961\$-(7!D165' &%1' !2' \$!6%\$!-(# ' 5\$-6 (!dM<M<M

!

M!. 6%!4' ' ,!\$H+\$!\$H' !1-2K!\$6!\$H' !2\$%&' (\$!61!\$6!6\$H' !2!-2!2%5H!\$H+\$!\$H' !@(-0' !2-\$. !C+ . !H+0' !\$6!
60' !1-&' !\$H' !2\$%&' (\$A2!F-2H' 2!(6\$!\$6!1' 961\$!\$H' !H+1+22C' (\$!\$6!\$H' !96,-5' !\$H' (!+&0-5' !
2H6%,&!E' !26%7H\$!416C!\$H' !B' +&!64!860' 1(+ (5' !+ (&!G6C9,-+(5' !+ (&^6!+!2' (-61C' CE' !1
64!@(-0' !2-\$. !2\$+44:\$6! 2\$+E,-2H!+991691-+\$' !+5\$-6 (MWH-2!56%,&!E' !(' 5' 22+1. !461! 0+C9,' :!-4!
-\$!\$H' 1' !-2!+!H-7H!1-2K!\$H+\$!\$H' !+,, ' 7' &!9' 19' \$!+\$6!C+. !H+1+22!\$H' !2\$%&' (\$!+7+-(!61!\$H' 1' !
C+. !E' !+ (!-CC' &-+\$' !\$H1' +\$M!

!

M!. 6%!2%29' 5\$!\$H+\$!\$H' !+,, ' 7' &!9' 19' \$!+\$6!C+. !+,,26!E' !' C9,6. ' &!E. !\$H' !@(-0' !2-\$. !-(!+ (. !
F+ . !BY!C%2\$!E' ! (6\$-4' &!-CC' &-+\$' ,. !461!5,+1-4-5+\$-6 (!+ (&!+ (!+991691-+\$' !1' 296(2' !F-,,!
E' !+71' ' &!C%\$%+,,. !E' \$F' ' (!\$H' !B' +&!64!860' 1(+ (5' !+ (&!G6C9,-+(5' !+ (&!\$H' !/-1' 5\$61!
64!BYM!

!

f6%!C%2\$!(' 0' !1+\$\$' C9\$!\$6!1' 26,0' !\$H' !56(5' 1(2!E. !56(\$+5\$-(7!\$H' !+,, ' 7' &!9' 19' \$!+\$61M
#%5H!+5\$-6 (!56%,&!1' 91' 2' (\$!+!E1' +5H!64!9165' &%1' !\$H+\$!C-7H\$!-(0+,-&+\$' !+ (. !2%E2' *% (\$!
&-25-9,-(+1. !+5\$-6 (M

!

dM<M<M! Y' 961\$-(7!B+1+22C' (\$!\$6!\$H' !@(-0' !2-\$. !

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X61C+,!1' 961\$2!5+(!E' !2%EC-\$' &!\$6!\$H' !@(-0' !2-\$. !-(!F1\$-(7!\$6!56C9,-(\$2bE+(761M+5M%K!61!-(!
9' 126(!\$6!

!

Q(7! 12#! *##&=! /-! =1%--! %* &! =1, &#*1=! : (12!
 &(-#.#*1!6./1#)1#&!)2%.%)1#.(=10)=!>#!O#1U!
 5/, 7&! 12#! 6./1#)18! 6/7)9! /.! 6.%)1)#! 7#%&! 1/!
 (*).#%=#&!1%\$#0, 6!V!6%.1)(6%1(/*!>9!6./1#)1#&!
 +./, 6=U!
 F.#!12#.#! %*9! /66/.1,*1(#!=! 1/! 6./%)1(' #79!
 %&' %*)#!#C, %7(19!-/.!=6#)(-!)!6./1#)1#&!+./, 6=
 %* &!V!/.!>#1: ##*!6./1#)1#&!+./, 6=U!
 !

-(5,%2-0' !96,-5. !2' ' K-(7!\$6!6%\$,-(' !+!4+-1!+9916+5H!
 \$6! \$H' ! @(-0' 12-\$.A2! 1' 296(2' ! \$6! 1' 961\$2! 64!
 H+1+22C' (\$M!
 !
 B+0-(7!+!#\$\$&' (\$!B+1+22C' (\$!D6,-5. !-(!9,+5' !F-,,!
 &' C6(2\$1+\$' ! \$6! 2\$\$&' (\$2! +(&! 91629' 5\$-0' !
 2\$\$&' (\$2!\$H+\$! ?+(761!@(-0' 12-\$.!\$+K' 2!2' 1-6%2, .!-\$2!
 56CC-\$C' (\$! \$6! ' (2%1-(7! +(!-(5,%2-0' !%(-0' 12-\$.!
 56CC%(-\$.M!
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3/: !(=!12#16/7)9L!=, =1%(*%>(7(19!O/*(1/.#&U!

WH' ! 96,-5. A2! 2%2\$+- (+E,-\$.! F-,,! E'! C6(-\$61' &!
+((%+,,.! +2! 9+1\$! 64! F-&' 1! 96,-5. ! 1' 0-' F:! E. ! \$H' !
#\$\$%&' (\$!) *%+,-\$. !+ (&!/-0' 12-\$.! 344-5' 1M!

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