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V H Y H Q I K I H H Q I X U I H R Q Z D U G V I Z R U M X V H Q I I # V A + - 3 (') * (* \$ 3 (# ? (') * (] # " + \$ (C " 1 . - * 5 (') * (1 + % + \$ (E * 0 . * ? (') + ' (') * (6 . 0 7 , (8 + , () + - E # 4 - * 3 (2 . - ' 4 # 4 & (& # 4 0 & (A + & (+ & & # / . + ' * 3 (A . ') (H 0 + ' # \$. & ' (/ # & " # 0 # % , 5 (+ & (1 - * & * \$ * 3 (. \$ (I D U I I D Q X V I D S H O O D I I I " (' % (/ # ! - K ! C , % . - . - / 0 ! () \$! " # ' + G @ ' 0 (D Q G I I Q I D I F U R E L X V I L - 1 1 #) & (' 0 ! -) ! & , # ! M ' # (1 ! - K ! N + % = % - 9 (X) * & * (' A # (' * & (' - + \$ & " . ' * 3 (/ 0 + & & . / + 0 (+ & ' - # V \$ # " . / + 0 (7 \$ # A 0 * 3 % * (' # (B + ' . \$ (" * 3 . * 2 + 0 (C 4 - # 1 * (> 6 / I 0 4 & 7 * , 5 (M Y Y Q @ 9 (! 0 # & (') * , (' - + \$ & " . ' * 3 (') * (1 + % + \$ (E * 0 . * ? (') + ' (') * (6 . 0 7 , (8 + , (A + & (') * () * 2 * \$ 0 , (+ E # 3 * 5 (+ E * 0 . * ? (') + ' (3 - * A (- * + / ' . # \$ & (? - # " (* / / 0 * & . + & ' . / + 0 (+ 4 ') # - . V ' . * & 9 ((

K * 2 * - + 0 (& ' - + ' * % . * & 5 (& * * " . \$ % 0 , (+ 3 # 1 ' * 3 (' # (/ # " E + ' (') . & (1 + % + \$ () * - * & , 5 (/ + \$ (E * (' - + / * 3 (. \$ (') * (' . " * (1 * - . # 3 (/ # 2 * - * 3 (E , (G + \$ 7 . \$ & 5 (? - # " (') * (G . %) (6 . 3 3 0 * (! % * & (' # (I K H I S H Q D L W D Q I E H I Z Q H I M U D I H I J I Z D V I U I F K D H O T I E R I V I I Q Y H U V I R Q I R I I I K H I L O N I E D N I H I D U O N I I I U R P I D Q I + E # 3 * (# ? (2 . - ' 4 # 4 & (& # 4 0 & (' # (+ \$ (+ E # 3 * (# ? (0 * + - \$ * 3 (3 * V " # \$ & (') + ' (' # - ' + 0 & (# 4 %) ' (' # (? * + - 5 (+ (- * % . # \$ (3 * \$ # " . V Q D I H I G I D V I I I [+ * " # \$ (6 * - . 3 . + \$ 4 & I (! \$ # ') * - (& ' - + ' * % , (. \$ 2 # 0 2 * 3 (. % \$ # - . \$ % (') * (6 . 0 7 , (8 + , (. \$ (+ & ' - # \$ # " . / + 0 (G L V I E X M I R Q V I D I R I J H I K H U D I V I Q I B I D I F U R E R V I E R I I I N = , (# ' (! " G) % 2 (# \$ * (# ? (') * (" # & (1 # 1 4 0 + - (+ & ' - # \$ # " . / + 0 (' * = ' V E # # 7 & (# ? (') * (* - + 5 (A - . ' * \$ (. \$ (') * (? . - & ' () + 0 ? (# ? (') * (') . - V ' * * \$ ') (/ * \$ * 4 - , 9 (

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D4'(A) *\$(&*2*\$ (3+, &() +3(*0+1*&*3(?#-(+ /) (% -#41(.\$(') * (" *+3#A5(') * , (A*-*(-*;4.-*3(' #(-.&*(41(#\$(') * (.%))) + (+3(#4-\$* , (#5(+\$3(') * , (/+ " * (.\$(#4-(3+, &(' # (+ (&1#'(A) * \$ / * (') * , (3.& / *- \$*35(*±\$3*3(?-# (" +E#2* (') -#4%) #4' (') * () * +2*\$ (+3(') * (*+ -) 5(+ (&' -+ .%) ' (0.%) ' (0.7*+((1.00+ -5(" #&' (\$*+ -0, (-*V VHIPEOLQJ IKKHIDQLERZK ') .&(0.%) ' (A+&(') * □ LUGOHIRI IKKHIDYHQV□ >H0+'#5(Q#=GH. %±(c5(NMNE5(' -+\$&9(K) #-* , 5(MYT\@9(
J#-(.&(.'(. " 1#&&.E0* (') + () 4 " +\$ (((%+.\$*3(') * (3.2.\$*(' -4') (#?') * (&.'4+' .#\$(.\$(') * (d\$3*-A#-03(+3\$(-*1#-'*3(.' #(') 4 " +\$&9(X) .& (& +0&#(&) #A\$ (E, (') * (+ / #4\$' (+ / # -3.\$% (' # (C " 1*3#'. " 4&5(A). /) (G* -+ /0.3*& (H\$#'. /4(\$+ -+ '*39(G* -+ /0.3*& (& , &(') + (A).0*(C " 1*3V #'. " 4&(A+&) 4\$'. \$%(.\$&# " * (10+ / * (A. ') (#') V *-(1*#10*+' () .%) (\$##5() * () . " &*0?(A+&(0*?' +0#\$*5(+3\$ (+?'* -(\$ / #4\$* -\$. \$%(') * (*1.1) +\$, (#?' (H04' # (+\$3(#?' (H* -&*1) *\$* (') * (0.%) ' (') + (

J#-(.&(.'(. " 1#&&.E0* (') + () 4 " +\$ (((%+.\$*3(') * (3.2.\$*(' -4') (#?') * (&.'4+' .#\$(.\$(') * (d\$3*-A#-03(+3\$(-*1#-'*3(.' #(') 4 " +\$&9(X) .& (& +0&#(&) #A\$ (E, (') * (+ / #4\$' (+ / # -3.\$% (' # (C " 1*3#'. " 4&5(A). /) (G* -+ /0.3*& (H\$#'. /4(\$+ -+ '*39(G* -+ /0.3*& (& , &(') + (A).0*(C " 1*3V #'. " 4&(A+&) 4\$'. \$%(.\$&# " * (10+ / * (A. ') (#') V *-(1*#10*+' () .%) (\$##5() * () . " &*0?(A+&(0*?' +0#\$*5(+3\$ (+?'* -(\$ / #4\$* -\$. \$%(') * (*1.1) +\$, (#?' (H04' # (+\$3(#?' (H* -&*1) *\$* (') * (0.%) ' (') + (

-4\$&.(.\$(+ / .- /0*(+ -#4\$3(') * (%#3&(&) #\$(3#A\$ (41#\$() . " 5(+3\$(') -#4%) (.') * (&+A.(\$2.&.#\$&(') + (') * (1*-&#\$+00, (*±*-.*\$ / *3(') * (A) #0* (' -4') (+E#4' ((&9(>O#Z&B! () \$! O' () B.(&#-) 2! '-+\$&9(K /) 4'-4 " 1?5(SOOQ@9((

KDIERXOG EHHKHIE HOHMDIOOLJ KWKDIXQVQDIE □ -V EOH□ □ / /#-3.\$%(' # ([+ " +& / .4&5(') * (0+&') * +3(#?') * (! /+3* " , (E*?#-*(.' (A+&(&) 4' (3#A\$ (E, (X) *#3#&.4&.(\$ (EHUDIOLGHWIRI LUEOHRIOLJ KIZDMIKHILONLND□ (

[+ " +& / .4& (+11-#1-.+* & (') * () , 1# ') * &.(#?' C " 1*3#'. " 4& (/# \$ / *-\$. \$%(') * (6.07, (8+, 5(/+00.\$%(.' (+? / ' (+3\$(\$#'(+ (" , ') 9(Z#-(') * (& , & (') + (') * (6.07, (8+, (.&') * (1+) (#?' (&9(') + (' -+2*0(') -#4%) (') * (d\$3*-A#-03(.\$(') * (&7, 9(>O#Z&B! () \$! O' () B.(&#-) 2! '-+\$&9(K /) 4'-4 " 1?5(SOOQ@9((

X) * (E*0.*?' (.\$(') * (6.07, (8+, (+& () * +2*\$0, (+E#3* (+11*+ -*3(.\$(') * (M' # (1!-K!N+%=-(DKHIEHQGRIBLIEHURV□ M#!Q#!CGH. %±(5+\$3() *-*(' ##') * (6.07, (8+, (.&(-*? - -*3(' #(+&(+ / .- /0*(#?' (0.%) ' 9(
D4'5(K / .1.#5(. " .'+* (, #4-(% -+ \$3?+ ') * - () * -5(. " .'+* (" *5(, #4-(?+) * -e(0#2* (4&' / * (+3\$34V ' , 5(A). /) (+ - * (&' - . / '0, (34* ' # (1+ - * \$' & (+\$3(7.\$& " *\$5(E4' (" #&' (#?' +00(' # (') * (?+) * -0+\$39(K4 /) (+ (0.2* (.& (') * (-#+3(' # (') * (&7. &5(' # (') + (%+) * -\$. \$%(#?') #&*(A) #) +2*(/# " 10*'*3(') * - (*+ -) 0, (0.2*& (+3\$ (E**\$ (-*0.2*3(#?') * (E#3, 5(+\$3(A) # (0.2* (.\$(, #3\$* - (10+ / * (A). /) (, #4(\$#A (&*(f. ' (A+& (') * (/ .- /0*(#?' (0.%) ' (A). /) (E0+L*3(" #&' (E-.%) '0, (+ " #\$(%) * (#) * - (?-.*&9(+\$3(A) . /) (, #4(#\$(*+ -) 5(E#--#A. \$%(+ (< - *7(' * - " 5(/+00(') * (6.07, (1.- /0*9(>M#! Q#! CGH. %±(5(' -+\$&9(a* , * &5(MYSQ@9((

X) * (6.07, (8+, (+& (/0*&' .+0(+E#3* (#4-\$* , *3(') -#4%) (') * (] # " +\$ (A#-03(.\$(') * (A-.' . \$%&(#?' (1 / *-#5(F2.3(> " #&(1 - '=, -B#B2(' -+\$&9(6.00*-5(MYMN5(6+\$0.4& (> *B&' -) -1 %±(2(' -+\$&9(< ##035(MYUO5(J4 " *\$4& (> ' -+\$&9(3* (B* , 5(MYUS5(6+ - ' .+\$4& (1+1*00(>O, #! " ' % (/#! -K! C, % .- .- /0() \$! " #'+G'02(' -+\$&9(K' +) 0(* (+095(MYUO@ (+\$3(6+ / -#E.4& (>L-11#) & ('02! ' -+\$&9(K' +) 05(MY\ S@9(6+ / -#V ELXVHZULUQJ VITHVSHIE IDOOLZRXOG EHHQLQIOXHQVQDIOOLQ□ ' -+\$& " . ' . \$%(H0+'#\$. &' (E*0.*?' & (' # (" *3. *2+0(B+ ' . \$ (C4V -#1*5(A) * - * (.004&' -+ ' . #\$(?#-) .& (L-11#) & (' O(#\$(1 / *V URVWUHDIEIRI□ □ 6 ILSLRVZRZIKKHIBODIRQLVIRVRPRV□ /# " 1#&*3(#?') * (. \$* -& / ' . \$%(/ .- /0*&#?') * (H0+ \$*+ - , (# -E. ' & (+3\$ (') * (6.07, (8+, 9(X) * (0+''* - .& (') * (/0*&' .+0(+E#3* (A) * - * (K / .1.# (" * * & () .& (+\$ / * &# -& (>Z. %4 - * (M@9(K4 /) (&4-2.2.\$%(3*1. / ' . #\$(& .004&' -+ * (') * (/# \$'. \$4. \$%(?+& / . \$+ ' . #\$(') + (+\$ / . \$* (H0+'#\$. &' (/# & " #0#%, () *03(?#- (1#& V0+&&. /+0(+\$3(" *3. *2+0(& /) #0+& (?#- (+0 " #&' (+ " .00*\$\$.4 " 5(A. ') (') * (6.07, (8+, (+& (') * () * +2*\$0, (+E#3*(#?' (&9(') + (') +2*(0.2*3(+ (2.-'4#4&5(1.#4& (+3\$ (34'.?40(0.*? (A) .0*(#\$(*+ -) 9((

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A) #&*(E-%) '\$*&(&.(1-#34/HIG ENH OXVHULQJ IDUVD(
:\$ (') .&(+&' -#\$# " . /+0(3.&/4&&.#5(K.02*&'-.& (" *\$' .#\$&
') * (h#3.+/+(\$3(') * (6.07, (8+, 5(+ ' (A) #&*(. \$' *-&*/V
URQVVIDIEURELXV L-11#)&('0()+3(0#/+*3(') * () *+2V
*\$0, (1#-' +0&(> /' . *3(E, (K'+) 05(MY\ S@9(
] *%+ -3.\$% (') * (6.07, (8+, 5(8.00.+ " (#? (I #\$/) * &5(
A) #(' +4%) ' (+ ' (I) +'- * &5(-*/# " " *\$*3(6+/-#E.4&('#(
) .&(-*+3*(-.\$(M' / I (&+ -) 9(
X) * (&*/# \$3(#?') * (2.&E0*(/.- /0*&(& /+00*3(') * ()
%+0+&(> / (. (Z% (B@ (E, (') * (< - * * 7&5(') + (.&5(') * ()
6.07, (8+, 9(Z#- (/ (. (+ (VIBLONQ 5(Z%-B(VIB □ -V
/0* □ (: ' .& /+00*3(') * (6.07, (8+,) #\$(+ / I #4\$' ()
#? (' .& (- * " + -7+E0*(E-.00.+\$/ *9(: ? (, #4(A.&) ('#'(
7\$#A(') * (- * +&#\$(?#- (') .& (E-.00.+\$/ *5(, #4(
#4%) ' ('#' (- * +3(6+/-#E.4&9(> * ! M% (- / G#! -) !
7(&G' (! C, % .-B=-, 02!'-+&\$9() #\$/+5(I 4-5(MYU@(
IDOLDPRI&RQF KHVWHPIQLJ OHOXIE IDQF HIRG HOYHIDQ □
74-') * - (.\$#(') * (H0+'#\$.&') ; 4*& .#\$#(?') * (6.07, (8+, ()
" +, () +2*(E**\$(0.\$7*35(0.7*3(') * (/) +-%*&(') + (D*-\$+3(
#? (I 0+ .-2+4E0*2*00*3(+ (! E*0+-35('#') .& (H0+'#\$.&')
2.*A&9(8.00.+ " (#? (I #\$/) * &(\$+--#A0, (" .&&*3(E*.\$%(
/) +-%*3(A.') () * -& , (> [4' '#5(SOON@5(+&') * (&43, (#? ()
H0+'#\$.&' (' * & (E-#4%) ' (') * (2400(A*.%) ' #? (' / I 0*& +& ' .V
/ +0(#11-#E-.4 " (41#\$(#? * \$3.\$% (I) +'-.-+\$ (& /) #0+-&(
>C00+-35(SOOU@9(
2(; O?#S7 ; ? " O#> 6 %O% 6A ! #A< ; 7%
=" > 6 " 7 " D9%
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+3(+&' -#\$# " . /+0(A-.' . \$%&9(: \$ (# -3*-('#' / # " E+ ' (') * ()
1* - / * .2*3() * - * . /+0(' * \$3*\$/ . & #? (H0+'#\$.&' (& /) #0+-&5(
2+-.#4&(&' + * % . * & (& * * " *3(' #) +2*(*2#02*3(-%+ -3.\$%(
') * (6.07, (8+,) + (') + (. \$ + \$' . ; 4 . , () +3(E**\$ (& * \$ (& ') * ()
/ * 0 * & . +0(+E#3*9(
X4-\$.%(') * (6.07, (8+,) ?-# " (+) * +2*\$0, (+E#3*(' #(
#\$(. \$) +E . '3(E, (3* " #&5(6 . /) +*0(K / # (. \$2*-' *3(') * ()
+ \$ ECHQIBODIRQLVNYLHZILQIRIKHIF [+ * " #\$(6 * - .3.V
+\$4& □) + (" #-' +0&(&) #403(?*+->D*-' #0+5(SOOT@G+--.&5(
SOMS@9(:004&' + ' . #& &#? (') .& (3* " #\$. / (6.07, (8+,) &4-V
YLHJLJ DVGGRWB ERVDMURORJ LFDODVHWHVPHQIRI □
') #&*(A) #(+*-(E#-\$(4\$3*-') .& (&#FEDDOHIG/#\$&' *00+V
URQ □ (
Z#- (') * (/ # \$&' *00+ ' . # \$5(< +0+&= (F \$* (E#- \$(. \$ ()
') .& (& . % \$ (A .00(+0A+ , & (E * & / .75(A- * /) *35(1##-5(
+3(. \$ (') * (3* �+ ' . # \$ (#? (1*#10*&5(A) * - * ?#- * ()
6*3.'*--+*\$+\$(! -/) +*#0% , (+\$3(! -/) +*# " *- , 5(P#09(MQ5(J#(R5(>SOMQ@5(119(TOUVTMT(
K) * (fJ# , &5(#-(H-#2.3*\$'/*g(3.2.3*3(') *) *+2V
HQTQIRITXDUHUVZLKIKHQF LUFOLQJ OFROXUHV
DQG VHIRXIKHIF LUF OHIRI IKHIG CDF LKN *V
A.&*(') +(' " .07, (E+\$3(A) #&*(-+3.+\$/*(.&(1-#V
34/*3(E, (/04&*'-.\$%(&' +-&(A+&(/+&'(+/-#&(&') *
&7,9(>L-B1- /' (=, %2!'-+&\$9(8 *') * -E**5(MYUT@((
D*-\$-34&(K.02*&'-.& (*±- *&*&(\$#(3#4E*&) * -*(/# \$V
/*-\$.% (') * () *+2*\$0, (\$+ '4-*(#? (') * (6.07, (8+, 5(
A) #&*(E-%) '\$*&(&.(1-#34/HIG ENH OXVHULQJ IDUVD(
:\$ (') .&(+&' -#\$# " . /+0(3.&/4&&.#5(K.02*&'-.& (" *\$' .#\$&
') * (h#3.+/+(\$3(') * (6.07, (8+, 5(+ ' (A) #&*(. \$' *-&*/V
URQVVIDIEURELXV L-11#)&('0()+3(0#/+*3(') * () *+2V
*\$0, (1#-' +0&(> /' . *3(E, (K'+) 05(MY\ S@9(
] *%+ -3.\$% (') * (6.07, (8+, 5(8.00.+ " (#? (I #\$/) * &5(
A) #(' +4%) ' (+ ' (I) +'- * &5(-*/# " " *\$*3(6+/-#E.4&('#(
) .&(-*+3*(-.\$(M' / I (&+ -) 9(
X) * (&*/# \$3(#?') * (2.&E0*(/.- /0*&(& /+00*3(') * ()
%+0+&(> / (. (Z% (B@ (E, (') * (< - * * 7&5(') + (.&5(') * ()
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/0* □ (: ' .& /+00*3(') * (6.07, (8+,) #\$(+ / I #4\$' ()
#? (' .& (- * " + -7+E0*(E-.00.+\$/ *9(: ? (, #4(A.&) ('#'(
7\$#A(') * (- * +&#\$(?#- (') .& (E-.00.+\$/ *5(, #4(
#4%) ' ('#' (- * +3(6+/-#E.4&9(> * ! M% (- / G#! -) !
7(&G' (! C, % .-B=-, 02!'-+&\$9() #\$/+5(I 4-5(MYU@(
IDOLDPRI&RQF KHVWHPIQLJ OHOXIE IDQF HIRG HOYHIDQ □
74-') * - (.\$#(') * (H0+'#\$.&') ; 4*& .#\$#(?') * (6.07, (8+, ()
" +, () +2*(E**\$(0.\$7*35(0.7*3(') * (/) +-%*&(') + (D*-\$+3(
#? (I 0+ .-2+4E0*2*00*3(+ (! E*0+-35('#') .& (H0+'#\$.&')
2.*A&9(8.00.+ " (#? (I #\$/) * &(\$+--#A0, (" .&&*3(E*.\$%(
/) +-%*3(A.') () * -& , (> [4' '#5(SOON@5(+&') * (&43, (#? ()
H0+'#\$.&' (' * & (E-#4%) ' (') * (2400(A*.%) ' #? (' / I 0*& +& ' .V
/ +0(#11-#E-.4 " (41#\$(#? * \$3.\$% (I) +'-.-+\$ (& /) #0+-&(
>C00+-35(SOOU@9(
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\$.& " (+11*+-& ('#' (* " *--% (. \$ (" *3.*2+0(/ #& " #0%# . /+0(
+3(+&' -#\$# " . /+0(A-.' . \$%&9(: \$ (# -3*-('#' / # " E+ ' (') * ()
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2+-.#4&(&' + * % . * & (& * * " *3(' #) +2*(*2#02*3(-%+ -3.\$%(
') * (6.07, (8+,) + (') + (. \$ + \$' . ; 4 . , () +3(E**\$ (& * \$ (& ') * ()
/ * 0 * & . +0(+E#3*9(
X4-\$.%(') * (6.07, (8+,) ?-# " (+) * +2*\$0, (+E#3*(' #(
#\$(. \$) +E . '3(E, (3* " #&5(6 . /) +*0(K / # (. \$2*-' *3(') * ()
+ \$ ECHQIBODIRQLVNYLHZILQIRIKHIF [+ * " #\$(6 * - .3.V
+\$4& □) + (" #-' +0&(&) #403(?*+->D*-' #0+5(SOOT@G+--.&5(
SOMS@9(:004&' + ' . #& &#? (') .& (3* " #\$. / (6.07, (8+,) &4-V
YLHJLJ DVGGRWB ERVDMURORJ LFDODVHWHVPHQIRI □
') #&*(A) #(+*-(E#-\$(4\$3*-') .& (&#FEDDOHIG/#\$&' *00+V
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') .& (& . % \$ (A .00(+0A+ , & (E * & / .75(A- * /) *35(1##-5(
+3(. \$ (') * (3* �+ ' . # \$ (#? (1*#10*&5(A) * - * ?#- * ()
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K) * (fJ# , &5(#-(H-#2.3*\$'/*g(3.2.3*3(') *) *+2V
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A.&*(') +(' " .07, (E+\$3(A) #&*(-+3.+\$/*(.&(1-#V
34/*3(E, (/04&*'-.\$%(&' +-&(A+&(/+&'(+/-#&(&') *
&7,9(>L-B1- /' (=, %2!'-+&\$9(8 *') * -E**5(MYUT@((
D*-\$-34&(K.02*&'-.& (*±- *&*&(\$#(3#4E*&) * -*(/# \$V
/*-\$.% (') * () *+2*\$0, (\$+ '4-*(#? (') * (6.07, (8+, 5(
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:\$ (') .&(+&' -#\$# " . /+0(3.&/4&&.#5(K.02*&'-.& (" *\$' .#\$&
') * (h#3.+/+(\$3(') * (6.07, (8+, 5(+ ' (A) #&*(. \$' *-&*/V
URQVVIDIEURELXV L-11#)&('0()+3(0#/+*3(') * () *+2V
*\$0, (1#-' +0&(> /' . *3(E, (K'+) 05(MY\ S@9(
] *%+ -3.\$% (') * (6.07, (8+, 5(8.00.+ " (#? (I #\$/) * &5(
A) #(' +4%) ' (+ ' (I) +'- * &5(-*/# " " *\$*3(6+/-#E.4&('#(
) .&(-*+3*(-.\$(M' / I (&+ -) 9(
X) * (&*/# \$3(#?') * (2.&E0*(/.- /0*&(& /+00*3(') * ()
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/0* □ (: ' .& /+00*3(') * (6.07, (8+,) #\$(+ / I #4\$' ()
#? (' .& (- * " + -7+E0*(E-.00.+\$/ *9(: ? (, #4(A.&) ('#'(
7\$#A(') * (- * +&#\$(?#- (') .& (E-.00.+\$/ *5(, #4(
#4%) ' ('#' (- * +3(6+/-#E.4&9(> * ! M% (- / G#! -) !
7(&G' (! C, % .-B=-, 02!'-+&\$9() #\$/+5(I 4-5(MYU@(
IDOLDPRI&RQF KHVWHPIQLJ OHOXIE IDQF HIRG HOYHIDQ □
74-') * - (.\$#(') * (H0+'#\$.&') ; 4*& .#\$#(?') * (6.07, (8+, ()
" +, () +2*(E**\$(0.\$7*35(0.7*3(') * (/) +-%*&(') + (D*-\$+3(
#? (I 0+ .-2+4E0*2*00*3(+ (! E*0+-35('#') .& (H0+'#\$.&')
2.*A&9(8.00.+ " (#? (I #\$/) * &(\$+--#A0, (" .&&*3(E*.\$%(
/) +-%*3(A.') () * -& , (> [4' '#5(SOON@5(+&') * (&43, (#? ()
H0+'#\$.&' (' * & (E-#4%) ' (') * (2400(A*.%) ' #? (' / I 0*& +& ' .V
/ +0(#11-#E-.4 " (41#\$(#? * \$3.\$% (I) +'-.-+\$ (& /) #0+-&(
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2(; O?#S7 ; ? " O#> 6 %O% 6A ! #A< ; 7%
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\$MQHDQNLQWDEKD ISDQW RUSQVSDW #V
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2+-.#4&(&' + * % . * & (& * * " *3(' #) +2*(*

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8)*-+&(\$+\$. ;4.' ,(')*(6.07,(8+,()+3(E**\$(&***\$
+&(3.2.\$*5(?#-(6./)+*0(K/#'+\$3(.).&(?#00A*-&(/#SV
\$*/'#\$(' #(')*(6.07,(8+,(A+&(4\$?#-'4\$*'+\$3(3*V
"#\$./9(



-. /0(\$MTHOLONDNDMPRQOHQIDQMERGH
38'#43")?'>*(;0(!'!)&. &O&\$!+3"3/(% ,.+N*&*;*)\$!
O(. /.'**?'1HPQK'." "OR83(#'S3\$7\$.**"D.;(*5C'2*"3"l'<.)+!
QQHC'837L'1QHAK'

!\$#')*(-&'+'*%,(?#-(3.& ".&.\$%(')*(6.07,(8+,(+&
+(/*0*&' +0(+E3*(&*** " &'#()+2*(E**\$(' #(.%\$#-*(. '9(K+ /V
URERVRVIDMURQRPLCDONHIGVERBNOM#N=, (#'(! "G)\$%5(
#-(O'(+&(GBI\$#!N=, (#'((> /9(MSTO@ (A+&(2*-, (1#140+-(.\$
')&(*+5(1-#2.\$%(' &E# " . \$+\$/*(#?')'+&'-\$## " . /+0(
BXULFHXOXPZLKI)4\$3-*3&(?#(&4-2.2.\$%(" +\$4V
&/-1'&(+\$3(#2*-(VHYHQVTHDUONLSULQIHGCHIGLORQV
>6 / 104&7*, 5(MYYQ@9(K+/-#E#& /#5(A)#(' +4%)'+(')*(
d\$.2*-&' , (#?H+-.&5(" +7*&\$(" \$*'.#\$(#?')*(6.07,(
8+,(. \$(M#! N=, (#'((> ** (X)#-\$3.7*5(MYRY@ (\$#-(3#(
 /# " " \$*'+-. *&#\$().&(A#->(' +7.5(MYUS@9(

!(').-3(&'+'*%,(A#403(1-#2*5(1*-)+1&(4\$A.''. \$%V
ONREHKKHPRVHIIIDHIFLYHIBVLQJIRHUEHNHWHIEHIIQ
'-+\$&0+'.#\$&(?-# " (')*(<-**7(> /9(MSNO@5(X)# " +&(! ;4.V
\$+&(* " E-+ /3(! -.&'#0*(+&(O, #C, %-B=-, #5(3.&10+ / . \$%(
H0+'#(?-# " (')'+(0#?' , (&' +\$3.\$%&(D, (3.& /4&&.\$%(')*(
6.07,(8+,(. \$(" #&#-'- /- /%+(2! *-.&'#0*()+3(+%4*3(
')'+(')*(6.07,(8+,(A+&(\$#'(+(/*0*&' .+05(E4'(+\$(+ 'V
" #&1)*-./5(1)*\$# " "\$#5(+(2.*A(')'+(! ;4.\$+&
SDWHIGDORQJ CQKLVHREP HQIDUARQESULVIRIOH " #&#@
- '-.- /%+(!> /9(MSUO@4(

! ;4.\$+&(/0*+0, (%+&1*3(')*(&4E&' +\$/*(#? (! -V
LVIRIOHKKHRLFLYDIEFHSIDQFHRIDIEFBUGHIG
A.')(&.\$*\$'\$.#\$('#(-*_' /(#\$0, (')'+(1+-' #? (
SULVIRIOHWSKVLFDODDQGFRVPRORJLFDONH
-.&(A) /) (1+*\$'0, (/#\$'-+3. /'3('*\$* '&(#? (
')*(+.')9(X)*(6.07,(8+,(+&(! -.&'#0*(*#
10+.\$*3(.'5(1-*&\$*3(\$#(+-*+ (#? (/#\$?0. /'9(
>+7.5(MYUS@

\$TXLQDVHIEFHSIDQFHRISULVIRIOHDXOIPDWHISKLW
) /+0(+4')#-.' , (A#403(*2*\$'4+00, (E*(+3#1*3(E, (
')*(I)4- /)+3(E, (4\$.2*-&' , (?+ /40' . *9(

I#\$\$.3*-*3(.\$(')*().&'#-./+0(1*-&1* /' .2*(#? (
')-.'**\$') \$V*\$'4-, (.3*+&5(X)# " .& " (* " *-%*&
+&(')*(/40 " . \$+.'#\$ (#? (+00(')*(*?#-'&(#? (+-'&
& /)#0+-&(+3(&1* /40+' .2*(')*#0#% .+\$&' # (E4.03(
+(\$*A(1) .0#) , (#\$(+\$(! -.&'#0*+\$(?#4\$3+V
' .#\$5(A) .0*(' +7.\$%(. \$#(+ / #4\$ ')*(\$3*&' (
1) .0#) . /+0(/#\$ /04.&.\$&(-*+ /)3(&.\$ / * (! -V
&'#0*5(+\$3(')*(* &&\$*'+0(-* ;4.-* " \$* '&(#? (
I)-.&' +\$(')#4%)'9(>K' **\$*E*-%) *\$5(MY\ \ @

Z#- / (*\$'4-. * &5(I)-.&' +\$(/40'4-*(" " E-+ /3(
! -.&'#0*+\$(')#4%)'+&(.&(#A\$5(- / # \$ / .0.\$%(
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' . /+0(3# / '-.\$*9(>6+-'. \$5(SOMR@9(

H+-DOOHORHEDQNLQVHIEOLSVHRIIDODIRI(E, (')*(-*&V
XUHFILRQRISULVIRIOHWHIQLQVHIGLHYDO(XURSHKH
H0+'#\$&'(2.*A(#?')*(6.07,(8+,(+&()+2*\$0, (+E#3* (
A+&' /0.1*3(E, (')*(! -.&'#0*+\$(#1.\$.\$#(')'+(' (A+&
E4'(+&4E04\$+-(, 1)*\$# " "\$#5(+\$#1.\$.\$#(')'+(1-*V
2+.0*3(?#- / (*\$'4-. * &5(" "3.*2+0(B+'.\$(C4-#1*9(8)'+(
A#403(.' '+7*(#(-*FRSHQSHRSOHHHWHIRKHIEHOMLDO
\$+4-* (#?')*(6.07,(8+ , b(

)(6#789% : ; 9% ; O ! %D ; 7#7A " %

:\$ (MNM05(<+0.0*#(14E0.&) *3(N%\$#'#GBI7G) %GB9(X) *-*(
<+0.0*#(%+2*(+(-*1#-'#?) .&(#E&*-2+' .#\$&(#?)*(6.07,(
8+ , 9(

8)'+(A*(#E&*-2*3(.\$(')*(')-3(10+ / * (&(')*(
*&&\$ / *5(\$+ " *0, (')*(" + ' * -5(#? (')*(6.07,(
8+ , 5(A) . /) (/+\$E*(&***\$ (&# / 0*+0, (A.')*(
+3(#? (')*(' *0*& / #1* (')'+(A) + (1) .0#)*-&
?#- / (*\$'4-. * &5(?#4\$3(+\$(*#4 / .+.' \$%(1-E#0* " (
) +&(E**\$ (*3(A.') (# / 40+-(/ *-'+.\$' , 5(')4&
?-**.\$%&(4&(?-# " (A#-3, (3.&14' * &9(Z#- (')*(
<+0+& (&(\$#') . \$%(*0*&(E4'(+ / #00* /' .#\$#? (. \$V
\$4 " *-+E0*(&' +&() *+1*3(' %*') * -9(:\$ (A) + 'V
2-(1+-' (#? (')*(6.07,(8+ , (#4(1#.\$(')*(
&1 , %0+&&5(+2+&' / -#A3(#? (&' +&(" "3.*+*0, (
1-*&\$* (')* " &*02*&9(>N%\$#'#GBI7G) %GB2(' +-\$&9(
K) *+5(SO0Y@

ZKHIIIFUXIFLDIQQJISUREOHRP)+ (<+0.0*#(-*?*&(' #(
&(')*(! -.&'#0*+\$(3. / '4 " (')'+(')*(6.07,(8+ , (A+&
 / # " 1#&*3(#? (2+1#-#4&(*#)+0+' .#\$&(')'+(-* &.3*.(\$ ')*(
+ ' " #&1)*-./(-*% .#\$&9(X) *(-* ' .#\$#(') .&(1-E#0* " (
ZDVHURKIJKIDERKITEHKKHIFXOD UHGHUIDLQIN(')'+(
*DOLOHRVHIOHVRSHSURYLGHIG

\$VIDIEBQVHTKHQIEHRIID*DOLOHRVHIOHVRSLIE
#E&*-2+' .#\$&5(')*(A) .'.&5(/0#430.7*(6.07,(
8+ , (A+&(&***\$ (' #E*(/ # " 1#&*3(#? (/04&' *-&(#? (
& " +00(&' +&(')'+(A*-* (. \$3.2.34+00, (
. \$3.& / *-\$.E0*(' # (')*(\$+7*3(* , *9(X) + (')*(,
A*-* (1*- / *.2*3(+&(&' +&(\$')*(/ *0*&' .+0(-*% .#\$(
" +7*3(+ (-+3. /+0(3*1+-4-*(?-# " (')*(
"3.*2+0(! -.&'#0*+\$(' -+3.' .#\$5(A) . /) (

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