

! "#\$%&'()*+,&)'- &, . "%#,\$/'0,&""1%\$'23#"34'

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=01'5*%\$>*+,*'678,9,\$,*&'@\$3A,*'1%\$')&A'B%)C8,D'E"#,F&'

(3%, *3#Q''%), &?! G('0%* 4 '\$8'''1, %
P)&3)%/'; ; 'I'2)/'HK'; <; <'

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\$'6+3! * '35!+C%&!VW! . %0&: !+7!%#%\$%&'%() %!30, ' (/!'; 0/ %: !7&+; !35%! - '&1: 0%. %!\$%&: \$%)3'C%!+7!0 (!
0'&\$60 (%A!P%* 6. !)+; ; ': :'+ (%1!- . !35%! <=> !8' (%!9&3!E 2: %2; !!E 0)J%0 (X: !: 3&', ' (/!'; 0/ %: !+7!35%!
: %C% (!* %: 3%& (!; +: 3!)+2 (3' %: !+7!P+&35! =0&+6' (0!)0\$32&%!35%!2 ('U2% !U206'3' %: !+7!35%!&%/'+ (L: !-2'63!
% (C'&+ (; % (3! * 5'6%!06: +!&0': ' (/!- &+01%&!U2%: 3'+ (: !0- +23!52; 0 ('3. L: !'; \$0)3!+ (!35%!60 (!135&+2/5!
0/ &')2632&%!% (%&/ . !! (12: 3& . !!0 (1!5+2: ' (/!82 (1' (/!7+&!35': !%#5' - '3'+ (!* 0: ! \$&+C'1%1! ' (! \$0&3!- . !0!
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(+), %''T) &'T+, '\$?'@\$* &'') &A'@R/'1%\$''
P)&3)%/'; H'I'1C%,+; NK'; <; <'

B5': !%#5' - '3'+ (!- &' (/ : !3+ /%35%&!0! : %6%)3'+ (!+7!C'3&%+ /&0\$5: !- . !=60'&%!YO (!Y6'%3!0!&% (+ * (%1!
\$&' (3; 0, %&!0 (!1-++ , !0&3': 3A!B5%!60 (1:)0\$%: !+ (!C' * ! \$&' (3%1!03!ZO&C%. !J'336%3+ (!?321'+: ! (!
? \$&2) %!M' (%! !P= !- %3 * %% (!NOO [!0 (!1GHNH! !1%\$') 3!1&0; 03')!&+ , !7+&; 03'+ (: !7&+; !P% * !\%060 (!1!
F&%60 (!1!0 (!135%!9; %&')0 (!?+235 * %: 3A!9!C'3&%+ /&0\$5: !: !0! \$&' (3; 0, ' (/!; %1'2; !3503!2: %: !0! /60: : !
\$603!3+! \$&+12) %!0! \$&' (3%1!'; 0/ %A! ?% %!0 (!%#0; \$6% !+7!0!YO (!Y6'%3! /60: : ! \$603%!7&+; !5%&!3'; %!03!
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G* . "49''%H; 'U'E''D''49''%VK'; <HJ'

''#%&'%()! * +&, !- . !/ &01203' (/!40)5%6+&!+7!8' (%!9&3: !: 321% (3: !7&+; !35%! <=> !?)5++6!+7!9&3!0 (!1
@%: ' / (A!Z' /56' /53' (/!35%&!)+; \$&%5% (: 'C%!) +2&: %!+7! : 321. !03! < %: 3%& (! =0&+6' (0! > ('C%&: '3. !!35': !
%#5' - '3'+ (!: %&C%: !0: !0! \$&%70) %!3+!35%&!7+&35)+; ' (/!)0&%&: !0: ! \$&+7%: : '+ (06!0&3': 3: A!B5%!%#5' - '3'+ (!
7%032&%: !: 321% (3!0&3 * +&, !7&+; !- +35!35%! ?321'+ !9&3!0 (!1K&0\$5') !@%: ' / (! \$&+ /&0; : A!9!6': 3!+7!
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23'6'_03'+(!+7!35!\$&'(3; 0,'(!\$&+)%::!)5'(!)+66`!066+*!:5%&!3+!)&%03%!2('U2!\$&'(3:!)+'; \$&':%1!
+7!)+660/%1!6'35+/&0\$5:!0(1'(!,!1&0*'(/:A!4++,%&!50:!1%C%6+\$!15%&!+*(!;%35+1!3+!)&%03%!5%&!
\$&'(3:a!B0,'(!7266!01C0(30/%!+7!35%!C0&'+2:!3++6:!0(1!; 03%&'06:!0C0'60-6%!('!35!\$&'(3!:321'+!
4++,%&!23:!'(3+!*++1-6+),:!*'35!1&'66:!)5':%6:!0(1!/&'(1%&!0(1!\$0'(3:!(+\$0\$%&!*'35!/+20)5%!
*03%&)+6+&!0(1!7'6;'(!,!3+!)&%03%!0(!0&&0.!+7!6'C%6.!!; 0&,:b!:+; %!:50&\$!0(1!&+2/5!+35%&:!
+&/0(')!:*'&6'(/!0(1!%(%&/%3')A!B'&%:!&%:+(03%!*'35!5%&!7+&!35%'&!C%&:03'6'3.!0(1!&')5!&0(/%!+7!
5':3+&')06!0(1!)2632&06!0: :)03'+(:A!4++,%&!6')%:!!3*':3:!*%0C%:!0(1!&'C%3:!35':!;%1'2;!'(3+!
&01')066.!(%*!7+&; :!0(1!3%#32&%:!!*5')5!%0:'6.!*'35:30(1!+231++&!%(C'+(;%(3:A!B5%!''*(/!
K066%&!*+&,%1!*'35!35%!''89!c+-%&3!460),-2&(!M&'(3; 0,'(!<+&,:5+\$!3+!:%)2&%!35%!6+0(!+7!Nd!
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0H#\$' - &A''%F%)A3)\$''678,9,\$, *&'

0''9%3)%/'HM'I'2)%D8'; ; K'; <HJ''

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)+; ; 2('3. !* 5'6%!% (50() ('/!35%'&! : , '66: !' (! \$&%: % (3' (/!0&3 * +&, !' (!0! \$&+7%: : '+ (06!/066%&. !: %33' (/A!
B5%! : 321%(3: !; 2: 3! * &'3%!0&3': 3!: 303%; % (3: !!) +; \$'6%!1'/'306!'; 0/%: !+7!35%'&! + -R%) 3: !0(1! \$&%\$0&%!
35%'&! * +&, !7+&!1': \$60. !- . !7&0; '(/!; 033' (/!0(1!)&%03' (/!; +2(3: A!B5%'&! * +&, !* '66! - %!R2&'%1! - . !J%!

%#5' - '3' + (!7%032&#: !35%! : 321' + !0&3!0 (1!/&0\$5')!1%: '/ (\$&+ 12)3' + (!7&+ ; !/&01203' (/!40)5%6+&!+7!
8' (%!9&3: !: 321% (3: !' (!35%!?)5++6!+7!9&3!0 (1!@%: '/ (A!!
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=01'5*%\$>*,*'678,9,\$,*&'@\$3A,*'1%\$'^'B%)C8,D'E"#,F&

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; +&%!30)3'6%!C': 0/%)&%03%1!* '35!%# \$0 (10-6%!7+0; !!702#!72&!0 (1!+35%&!') (62: '+' + (:Ak!p! ?0&0!c') + (

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NJ\$8'1&&3)+P3%, "A' - &A"%F%)A3)\$"'678,9,\$, * &

1C%,+Y'U'; MK'; <HZ

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=+6+&01+D-0: %!10&3': 3!E 0&350!c2: : +! : %&C%: !0: !R2&+&!7+&!35': !%#5' - '3' + (!3503!7%032&%: !35%! - %: 3!+7!

(% * !0 (1! ((+C03'C%)&%03'C%!%# \$&%: : '+' (! !0!CO&'%3. !+7!; %1'0! - . !2 (1%&/&01203%: !03! < %: 3%& (!

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9 ('; 03+&!1'&%)3+&!1%: '/ (%&!0 (1!\$%&7+&; 0 () %!0&3': 3!IE ' * O!E 038%. %, !)&%03%: !6'C%! : 30/%1!

\$%&7+&; 0 () %: ! * 5%&! : 5%! (3%&0)3: ! * '35!5%&!0 ('; 03' + (: !0: !0!: 501 + * !: '65+2%33%! !03!35%)&+ : : D

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0&%!%#)'3'(/!:'5'73:'!35&+2/5+23!35%!7'%61!!\$2:'5'(/!35':!6'; '36%:;!; 03%&'06!35&+2/5!(%*!\$&+)%:;%:!
0(1!)+()%)\$3:AI!B5':!%#5'-'3'+(!0'; :!3+!:'5+*!35%!1%\$35!0(1!-&%0!35!+7!35':;!; 03%&'06!0(1!3:'!2:%&L:!
'1%0:!!&0('/(/!7&+; !!-23!(+3!6'; '3%1!3+!13&01'3'+(06!0(1!(+(D3&01'3'+(06!72())3'+(06!+-R%)3:!!&0\$'1!
\$&+3+3.\$'(/!2:%!+7!; '#%1!; 03%&'06:'!(+R%)3:!!0(1!'(:306603'+(:!0(1!2(7'&%1!)60.!0:!!0!7'(06!
; 03%&'06!AI!B5':!%#5'-'3'+(!%()+2&0/%:!'C'%*%&:!3+!)+(:'1%&!35%!)+(%)\$3:!!\$&+)%:;%:!!0(1!)+(3%#3:!
+7!)60.'!(!)+(3%; \$+&0&.!0&3A!''0)5!0&3':3!!7&+; !%; %&/'(/!3+!%:30-6':5%1!!*0:!!:%6%)3%1!12%!3+!5':!
+&!5%&!(+3%*+&35.!)+(3&'-23'+(!3+!35%!7'%61!+7!)+(3%; \$+&0&.!)60.!0(1!)%&0; ')':A!

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B5&+2/5!0!6%#')+(!+7!1%:/(:!0(1!\$033%&(:!!E0.0!*%0C%&:\$&+C'1%&')5!(0&&03'C%:!!7+&!35%!!&%01%&:!
+7!35%'&!3%#3'6%:AI!B5':!%#5'-'3'+(!%#0; '(%:'!35%!*+&,+7!35&%!1':3'()3!)+; ; 2('3%:'!+7!E0.0!7'-%&!
0&3':3:!(IE%#')+AIY'%*%&:!*'66!%#\$%&'%)%#0; \$6%:'!+7!35%!*+&,+7!3*+!7%; 06%D6%1!)++\$%&03'C%:!
+7!E0.0!7'-%&!0&3':3:!!6+)03%1!'(!=5'0\$0:!:303%!!B:++&9(_%3',!'(!=5%(065q!0(1!0060-'6!'(!h#)52)!!
0:!*%66!0:!!35%!*+&,+7!35%!4+(660!70; '6.!'(!?0(30!''6%(0!'(!i2)030(!:303%AI!B5%!J0(/20/%!+7!
<%0C'(/!3&0(:603%:!!7+&!?\$0(':5!0(1!'(/6':5!:\$%0,'(/!021'%)%:!!35%!*+C%(!E0.0!306%:'!+7!35%:%!

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1C%,+HM'U'@"C\$"49"%;YK';<HV'

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K&%03!?!; +, .!E+2(30'(:b!Y':'+(!^!Y':30:!'!:'!0(1!%#5'- '3'+(!+7!: '#3. !+&'/'(06!\$5+3+/&0\$5: !0(1!
1&0*'(/:;!; 01%!-. !5+3+/&0\$5%&: !0(1!0&3':3:!'(:\$'&%1!-. !35%!/&0(1!C':30: !+7!35%!K&%03!?!; +, .!
E+2(30'(:!M&+7%:.'+(06!\$5+3+/&0\$5%&:'!)621%!:2)5!(+30-6%: !0: !0'; !B5+; \$: +(!!K%+&/%!E0:0!
0(1!K%+&/%!K&0(3! !0:!*%66!0: !0; 03%2&:!*5+!5',%1!*'35!35%!?!; +, .!E+2(30'(:!Z', '(/=62-A!
Z%&-%&3!M%63+(!0(1!P0)%!4&+),!)&%03%1!; 0/%: !2: %1!-. !9:5%C'66%!\$&+; +3%&: !3+!01C+)03%!7+&!0!
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; +2(30'(!)2632&&!*'35'(!\$0&, !-+2(10&'%: !0(1!35%!&+01!)+(:3&2)3'+(!\$&+R%)3: !3503!7+&%C%&!

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)+(3%#3!0(1'(!35%!:+)'+\$+6'3')06!:%(:%A!B5%!%#5'-'3'+(!0(1!\$2-6')!\$&+/&&; ; '(!0&%!: \$+(:+&%1'(!
\$0&3!-. !35%!9:)% (3!M0&3(%&:5'\$!-%3*%%(!<=>!0(1!Z0&&! :!c%/'+(06!0(1!*0'(!=+; ; 2('3!
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1C%,+N'I'1C%,+; J'

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B5':!%#5'-'3'+(!7%032&&%;!(%*!* +&, :!- . !<=>!2(1%&/&01203%!:321%(3: !0(1'()621%:!)%&& ; '):!!
1&0*'(/!!/&0\$5')!1%: '/(!(%*!; %1'0!\$0'(3'(/!\$&(3; 0, '(/!!\$5+3+/&0\$5. !!0(1!:)26\$32&&A!B5':!

B5%! * +&1!s3%&&+'&L!3. \$')066. !&%7%&: !3+!35%!60 (1!3503!0 (.!)%&30' (!*' (%!':!)263'CO3%1!7&+; A!B5%!60 (1L:!
1'77%&&(3!)6'; 03%!!: +'6!0 (1!3%&&0' (!066!077%)3!35%!s3%&&+'&L!+7!0! *' (%!'+&! (135':!)0: %!O!\$%&: + (A!
jB%&&+'&k!': !O!) +66%)3'+ (!+7!'; 0/%: !3503!&%76%)3!0!: \$0)%!3503!50: ! (2&32&%1!35%!\$%+\$6%: ! *'35' (!'3A!
>: ' (/!35': !1%7' ('3'+ (!F!50C%!O\$\$\$6%'1!35%!1%06!3+!35%)263'CO3'+ (!+7!0!\$%&: + (!O (1!35%'&!; +&O6!O (1!
: +)'06!-%' (/!O (1!5+ *!3503': !077%)3%1!- . ! * 5%&&!35%. !O&%!7&+; A!B5%: %!'; 0/%: !: 5+ *!; . ! \$%&: + (O6!
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P)&3)%/'; 0'U'2)%D8'; OK'; <HV'

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+7!=5%&+, %%F (1'0 (: !O: !O (!0&3': 3!5%! *0: !1&'C% (!3+!\$&+12)%A!9!: %67D302/53!:)26\$3+&!5%!)&%03%1!
52 (1&%1: !+7! : 3+ (%!\$'%)%: !!%0)5! *'35!'3: !+ *' (!; . : 3%&'+2: !')+ (+/&O\$5. A! < '6(+3. L: !)O&C' (/ : !O&%!

2)%D8'HU'HMK'; <HV'

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4211'(/!0&3':3:17&+; !0)&+:;!00), :+(!=+2(3. !&%)%'C%!&%)+'/'3'+ (!7+&!35%'&!306%(3: !12&' (/!35!
0((206!i +235!9&3!E + (35!%#5' - '3'+ (!3503!&2 (: !35&+2/5!E 0&)5!03!35%!40&1+!9&3: !=% (3%&!Z+:3%1!
-. !35%! <=>!?)5++6!+7!9&3!^!@%:' / (!35':!%#5' - '3'+ (!7%032&%!0&3* +&, !- . !6+)06!TDNG!: 321%(3: A!

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P*8&'XF93%&'

P)&'; OOU''9'; JK'; <HV'

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; <HO

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(*&&"D\$, * &#?'E,) &""0*7'^='")3.), #L/* &#'

XD\$'H; K'; <HO'I 'P)&'HOK'; <HV'

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M5+3+ /&O\$5. !-. !@'0(%!8+#!Z+, %: !9&)5'C%!-. !4%02CO': !J. + (:!

J. + (X: !; +), D1+)2; % (30&. !\$&+R%)3!B5%!9: :+) '03'+ (!7+&! =&%03'C%!\++6+/. !!\$&:% (3: !0!3+ (/2%0' (D!

)5%%, !&: \$+ (: %!3+!35%!+ (/+' (!) + (3&+C%&: . !+7!@0&* '(X: !35%+&. !+7!%C+623'+ (A!B5&+2/5!\$&' (3: !!

\$5+3+ /&O\$5: !!C'1%+!; +1%6: !!0 (1!+35%&!: 2\$ \$+&3!; 03%&'06: !!35%! '(:306603'+ (!\$+: '3: !5+* !(%*!

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2)%/' (*e''&#'

G*. 'Y<'U'E "D'HNK'; <HO'

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B5%!89E!':!\$&+21!3+!\$0&3(%&! * '35!35%! <=>!?)5++6!+7!9&3:!^!@%:'/'(!'(135%!\$&%:%(303'+(!+7!(%*!
* +&, !- .!)0(1'103%:!'(135%!E0:3%&!+7!8'(!9&3!\$&+/&0; A!F(135':!5'/56. !0(3')'\$03%1!%#5'-'3'+(!
1%-23!7+2&; 0:3%&!0&3':3:!'(3&+12)%!35%&! * +&, !3+!35%!0; \$2:!!)+; ; 2('3. !!0(1!35%! * +&61A!

!
!
S,49"%t/'B)\$*ee,'
XD\$'HJ'I'G*. '; K'; <H0'

!
!
=%"&A)&'="#\$'
XD\$'HJ'I'G*. '; K'; <H0'

!
!
201'08"#,#'678,9,\$,*&?'L)3%)'@"+"%#'
XD\$'O'I'HVK'; <H0'

!
B5%!89E!':!\$&+21!3+!\$0&3(%&! * '35!35%! <=>!?)5++6!+7!9&3:!^!@%:'/'(!'(135%!\$&%:%(303'+(!+7!(%*!
* +&, !- .!)0(1'103%:!'(135%!E0:3%&!+7!8'(!9&3!\$&+/&0; A!F(135':!5'/56. !0(3')'\$03%1!%#5'-'3'+(!
1%-23!7+2&; 0:3%&!0&3':3:!'(3&+12)%!35%&! * +&, !3+!35%!0; \$2:!!)+; ; 2('3. !!0(1!35%! * +&61A!

!
!
Q*49'\$*Q)+"%?'2)/)'(*+"D\$, * &'
@"C\$'HZ'I'G*. 'HK'; <H0'

!
9&3* +&, !7&+; !35%!+66%)3'+(!+7!M026! < +&6%. !^!E%6': :0!4'&, 5+7%&!
F(:\$&%1!-. !35%!\$&%05':\$0(')!3&01'3'+(!+7!\$0'(3%1!)+1')%:!!)+ (3%; \$+&0&. !E0. 0(!-++ , !0&3':3:!
\$&+12)%!%#3&0+&1'(0&. !* +&, :!:'/'(7')0(3!3+!35%!7%61!+7!-++ , !0&3:A!B5':!%#5'-'3'+(!7%032&%: !0&3':3!
=A'08"3%

J2)'(10!<'66'0; :!!+=&; 0)!E)=0&35.!0(1!c06\$5!J02&%(!!*5+!)+'; ; '::'+(%1!*+&,!7&+; !4%6)5%&! 0(1!4&016%.A!@2&'(/!3:!'3'; %!0:!'0!*+&,'(/!\$&%:!:321'+!!i %!%0!Z0*!5%61!35%!60&/%:3!)+66%)3'+(!+7! 6%33%&\$&%:!:!3. \$%!%0:3!+7!35%!E'::::'\$ \$'A!

!

!

(3+*_8''''2*3&\$),&'1%\$#?'@*3%D'''2)\$''%,)+'

P3&''HO'U'P3+/' ; NK' ; <HO'

!

!

0)D3+\$/'=,"&&,)+'

1C%,+'J'U'2)/'; JK' ; <HO'

!

h23:'1%!+7!35%!60::&+++; !!70)263.!; %; -%&:!'(135%!?)5+++6!+7!9&3!^!@%:'/(!0&%!0)3'C%!0&3':3:!'0(1! :)5+60&:!3503!; 0,%!:'/'('7')0(3!)+(3&' -23'+(:!3+!35%!0&3:A!B5%.!&%/260&6.!%#5' -'3'+(!'(!C%(2%:!' 0)&+:!:35%/6+-%!7&+; !P%*!i +&,!3+!J+:!9(/%6%:!'3+!00\$0(10(1!: \$%0, !03!; OR+&!)+(7%&%())%:!'(! 35%&!7%61:A!+=66%)3'C%6.!!+2&!70)263.!50C%!&%)%'C%1!&%)+'/'3'+(!0(1!:2\$ \$+&3!7&+; !826-&'/53! P03'+(06!''(1+* ; % (3!7+&!35%!Z2; 0('3':!'0(1!P03'+(06!''(1+* ; % (3!7+&!35%!9&3:A!B5%!?)5+++6!+7! 9&3!^!@%:'/(!80)263.!4'%('06!''#5' -'3'+(!\$&+C'1%:!:321%(3:!'0(1!35%!\$2-6')!0(!+\$ \$+&32('3. !3+! C%*!&%)% (3!*+&,!)&%03%1!-.!35%:%:!'1':3'(/2':5%1!70)263.!; %; -%&:!'*5+:%!\$&'; 0&. !&%:%0&)5! +23\$23!':!:321'+!-0:%1A!

!

!

@"&,*%'5*%'\$>*,*'678,9,\$,*&'
G*.'HZ'U'E"D'OK';<HN'
,

B+11!@&0, %!|?, '\$!c+51%!I0(1!=5&':3+\$5%&!?' : !|C%3%&0 (:! (|35%'&!+ * (!&/53!|\$&:% (3!0! * +&61C'% *!
+7! * 0&!3503!':!U2%'36. !&|C%06' (/!0(1!\$+:%: !0: !; 0 (. !U2%:3' + (: !7+&!2: !3+!) + (: '1%&!0: !'3!1+ %: !
0 (: * %&: A!B5%!0&3':3: !1+ (X!30, %! : '1%: A!F (:3%01!|35%. !: 50&|35%'&!7+&35&'/53!+-: %&C03'+ (: !7&+; !
* 503!35%. !50C%!%#\$%&% (%)!1! * %&|!\$&'.C. !3+!!+&!50C%!0'; %!13+!' (3%&R%)3!|%)5! (|1'77%&&(3! * 0. : A!
!
!

P*)&'=/%A'^'B'' *%F''W''D\$*%?' ('%) 4, D#'
0''9%3)%/'HZ'U'2) /'JK'; <HN'

!B5%!8' (%!9&3!E 2: %2; !': !|\$&+2!13+!\$&:% (3!0! :\$%)'06!%#5' - '3' + (!7%032&' (/!0! :%6%)3' + (!+7! * +&, : !
7&+; !35%!%)&0; ')!) +66%)3' + (!+7!0+0 (!4. &!10(1!K%+&/%!c%)3+&A!B5%!; 2)5!)%6%-&03%1!< =>!
\$&+7%: : +&!0(1! (7&2% (3'06!%12)03+&!0+0 (!4. &!150: !302/53!0(1! (: \$'&%1!; 0 (. !: 321% (3: !5%&&!7+&!
35%!\$0: 3!7+&3. D!35&%%%! %0&: !0(1! :! :%3!3+!&%3' &%!03!% (1!+7!35' : !:)5+ +6! . %0&A! ?+; %!+7!35%!0&3': 3: !
* 5+ : %! * +&, : ! * '6! - %! + (|C'% * !e - %: '1%: !|\$'%)%: !- . !0+0 (!0(1!K%+&/%f!')621%!JO ('%&! E 01%&: !!
42&6+ (!=&0' /!B03: 2_+!?'5'; 0+, 0!|0(1!?'0(1. !?'; + (A!
!
!

; <HN'P3%, "A' - &A''%F%)A3)\$''678,9,\$, * &'
1C%, +H<'U'2) /'JK'; <HN'

9 (! (1%\$% (1% (36. !R2&%1!%#5' - '3' + (!7%032&' (/!35%! - %: 3!+7! (% * !0(1! ((+C03'C%!)&%03'C%!%#\$%&: : ' + (!
'(!0!C0&%3. !+7!; %!1'0!- . !2 (1%&/&01203%: !+7!35!?)5+ +6!+7!9&3!0(1!@%: '/ (A!
!
!

Q* 3D8', &'W'')+Q, 4''?: *+/' :)&''##,)&'
P) &3)%/' ; Z'U'1C%, +NK'; <HN'

!Z0 (%: : '0 (!+66%)3: !50(1: 50, %: !7+& ; !0)&+ : !35%!)+2 (3&. A!''0)5!50(1: 50, %!) + (30' (: !0! * %3!|\$'%)%!
+7!)60. !!'; \$&' (3' (/!0)5!\$0&3')\$0 (3X: !50(1! * '35!35%!0&3': 3X: A!B5%!5+61!%0)5!+35%&!7+&!NWDGH!
: %) + (1: !|35%!3'; %! '3!30, %: !7+&!35%! - + (1' (/!5+& ; + (%!|+#. 3+)' (|3+! - %!&%6%0: %!1' (3+!+2&! - +1'%: A!
Z0 (%: : '0 (!: 321% !|35%!%77%)3!+7!35%!50(1: 50, %!06+ (/ : '1%!@&A!K&%/!'?'%/6%!03!35%!> ('C%&: '3. !+7!
M'33: -2&/5!Bc''P@!eB5%!B&0 (: 1':) '\$6' (0&. !c%: %0&)5! ('!"; +3' + (!P%2&+:) '% (%)!|0(1!
@%C%6+\$; % (3fA!B5%!&%: 263: !+7!Z0 (%: : '0 (X: !+ (/+ ' (/!%#\$6+&03' + (!' (3+!35%! (3%&: %)3' + (!+7!0&3!
%; +3' + (!0(1! (%2&+:) '% (%)!26; ' (03%! ('0! : %&%: !+7!%#5' - '3' + (: !3503! : %&C%0: !; 2)5!+7!0! : % (: +&. !
%#\$%&% (%)!0: !35%!50(1: 50, %! '3: %67A!Z%&! (' : 306603' + (!B+2)5! ('!c%06!B'; %!|' () +&\$+&03%: !1+_% (: !+7!
50(1: 50, %: !7&+; !0)&+ : !35%!)+2 (3&. !|0&3'70)3: !+7!35%!; +; % (3!3503!6%0C%!35%!C'% * %&! ('0!
) + (: 3%6603' + (!+7! : 50&%1!%#\$%&% (%)!%A!
!
!

6A_)%A'P'=#''#''?'B* *A'08*3F8\$#'="\$\$''%'
P) &'HV\$8'U'2)%D8'YHK'; <HN'

=%6%-&03' (/! - %023. !|35%! /&+3%: U2%!|063%&%1!&%06'3%: !0(1!&%06!%C% (3: !|

+ -: %&C%1!\$+&3&0'32&%A!4':%:%:%!%4!!;!C'%4&!!&!

!
!

(%"A*?'E*D34"&\$)%'58*\$*F%)C8#'*>@,F&#*0*+*_&F'="+,"."%#'
2) /'; M'U'@"C\$'VK'; <HY'

M5+3+ /&0\$5%&!c'), !=0&. !I\$&0)3')%:!* 503!5%!3%&; :!v\$5+3+D%35 (+/&0\$5.mA!=0&. w:! * +&, !0: !0!
1+)2; % (30&. !I\$5+3+ /&0\$5%&!':!&+3%1!' (!5':!0)01%; ')!3&0' (' (/!' (!-+35!\$5+3+ /&0\$5. !0 (1!' (!35!
\$. .)5+6+ / . !+7!0&3A!Z':!\$&; 0&. !' (3%&%:3!:' (!; 0, ' (/!' ; 0 /%: !3503!) + (C%. !35%!6'C%1!%#\$\$%&'%)%: !+7!
&%06!\$%+\$6%!' (!&%06!3'; %! !' (!0!&%06!\$60)%!1+ ' (/!&%06!35' (/ :!3503!0&!; %0 (' (/726!3+!35%; A!c'), !=0&. !
\$&%: % (3: !35%!#5' - '3' + (!=&%1+!073%&!3 * %6C%! . %0&: !+7!&%: %0&)5! * '35!35%!c%&%&' (1!0'; ; . !E +&&+ *!
03!35%!=52&)5!+7!K+1!' (!0%: 2: w!P0; %!h (6. !' (!35%!: +235%& (!9\$ \$060)5'0 (!E+2 (30' (:A!@&A!c'), !=0&. !
' :!M&+7%: : +&!+7!9&3!!=50'&!+7!35%!@'C': '+ (!+7!M&+7%: : '+ (06!M&+ /&0; : !03!E 0&: !Z'66! =+66% /%A!

!

(*&D"C\$#'*>'\$8'''=**R'
2) /'; M'U'@"C\$'HYK'; <HY'

B5':!%#5' - '3' + (!\$&%: % (3: !0!C0&'%3. !+7!) + ()%\$3206!0&3':3: X! -++ , :!7+&; !35%!\$%&; 0 (% (3!) +66%)3' + (!+7!
35%!8' (%!9&3!E 2: %2; A!B5%: %! -++ , :! * %&%!: %6%)3%1!' (!) +660 -+&03' + (! * '35!M&+7%: : +&! ?%35!
E) =+&; ') , !0 (1!5': !8066!GHNG! =+ (3%; \$+&0&. !9&3! =60: :!0 (1!' ()621%! -++ , :!7+&; !0&3': 3: !0+5 (!
4061%: : 0&'!c+ - %&3!40&&. !!8&%1%&'), !40&35%6; %!Z0 ((%!@0&-+C% (!!00 (!@' --3: !!@0 (!K&050; !!
@+2/60: !Z2%-6%&! !?3%\$5% (!T063% (-0)5!!h (!T0 * 0&0! !40&-0&0!T2/%&! ?+6!J% * '33! !K%+& /%!8A!
E0)'2 (0: !!PA! "A!B5' (/! =+A!eF0' (!0 (1!f (/&' !40#3%&f! !@%3%&!c+35! ! "1!c2:)50! !E')50%6! ? (+ * !!
J0 * &% ()% ! < %' (%&A!

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(21'0)D3+\$/\&. , \$) \$, * &)+'
2) /'; M'U'P3+ /'; VK'; <HY'

!

B5':!%#5' - '3' + (!7%032&%: !' (%3%& (!) + (3%; \$+&0&. !0&3': 3: !7&+; !0)&+ : :!35%! > ('3%1! ?303%: !0 (1!
=0 (010!&%&%: % (3' (/!0! -&+01!&0 (/ %!+7!) + (3%; \$+&0&. !%# \$&%: : '+ (!' (!

\$&:%(3!0!/&+2\$!\$+&37+6'+!%#5'- '3'+(!0:!0!\$&%70)%!3+!35%'&!7+&35)+; '(!/!)0&%%&:!0:\$&+7%:.'+(06!
:321'+!0&3':3:A!

!

!

G*%\$8'()%'*+,&)'B+)##'; <H; '

(3%)\$*%#i'P*)&'0)+D* &'%'=/%A'^'E"&,#'''E%3%/': * 4" __* *A'

XD\$'; MK'; <H; 'U'0''9'HK'; <HY'

,

< %: 3%&(!=0&+6'(0!>('C%&:'3.!50:11+)2; %(3%1!35%!1%C%6+\$; %(3!+7!35%!303%X:!/60:!)!+; ; 2('3.!
'(!35%!:%&'%:!+7!'(C'303'+(06!mP+&35!=0&+6'(0!K60: :m!%#5'- '3'+(:!'('3'03%1!'(!NOoV!B5%!; +:3!&%)%(3!
P+&35!=0&+6'(0!K60: :!%#5'- '3'+(!3'36%1!mB5%!P%#3!K%(%&03'+(m!3++,\$60)!('!NOOW!'(!35%!4%6,!
K066%&!03!<=>A!B5%!%O&!GHNG!; 0&, :!35%!WH35!0('C%&:0&.!+7!35%!1%C%6+\$; %(3!+7!:321'+!0&3!
/60:!'(!9; %&')O!B+!)%6%-&03%!35':!; '6%:3+(%!35%!<=>!8'(!9&3!E2:%2; !':!602()5'(/!35%!60&/%:3!
0(1!; +:3!)+; \$&%5%('C%!+7!35%!P+&35!=0&+6'(0!K60: :!:%&'%:!%#5'- '3:13+!103%A!B5':!%#5'- '3'+(!* '66!
5'/56'/53!35%!* +&, !+7!GO!0&3':3:!!+))2\$.!35&%%+!7!35%!; 2:%2; X: !7+2&/066%&'%: !0(1!-&'(!/!0!: %&'%:!

35%!%#5'-'3'+(!:!35%!*0.!(!*5')5!35%:%!0&3':3:!2:%!70-&')!3+!3%66!0!:3+&.A!<5%35%&!0!)5'615++1!
; %; +&. !!0!6%/%(1!0!1&%0; !+&!0!3066!306%!!'3':!3+61!35&+2/5!35%!; 0('\$2603'+(!+7!)6+35A!

!

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L)#\$,&F'\4C%''##,*&#?'5%,&\$'5*%\$>*,*'

2)/'HZU13Fh'YK';<H;'

!

F(!GHHWI!<%:3%&(!=0&+6'(O!>('C%&:'3.!8'(%!9&3!E2:%2;!0)U2'&%1!0!\$+&37+6'+!+7!\$&&'(3:-.!

)+(3%; \$+&0&.!P03'C%!9; %&')O(!0&3':3:I3'36%1!jJO:3'(/!F; \$&%:.'+(Ak!B5':!)+66%)3'+(!*0:!'\$&'(3%1!

'(!6;'3%1!%1'3'+(!+7![W!O(1!\$&'(3%1!-.!; 0:3%&!\$&'(3%&!00),!J%; +(103!9&_+(O!?'303%!>('C%&:'3.!

B5%! <=>!8'(%!9&3!E2:%2; !)%6%-&03%!35%!0((206!00), :+(!=+2(3. !i +235!9&3!E+(35!* '35!0(!
%#5'- '3'+(!+7! :321%(3!0&3* +&, A!B5%!#5'- '3'+(!* '66!-%!\$&:%(3%1!(!35%!(+&35!5066* 0. !+7!35%!8'(%!
0(1!M%&7+&; '(!/!9&3:!=%(3%&! * '35!0!\$2-6')!&%)%\$3'+(!+(!?2(10. !!9\$&'!NW35A!B5%!#5'- '3'+(!* '66!
7%032&%!0&3* +&, !7&+; !; +&%!350(!VHH!00), :+(!=+2(3. !:321%(3:'(!&%)!/('3'+(!+7!35%!P03'+(06!
i +235!9&3!E+(35!)%6%-&03'+(A! ?321%(3: !7&+; !, '(1%&/0&3%(!35&+2/5!NG35!/ &01%!0&%!%6'/'-6%!3+!
:2-; '3!(3&'%: A!B5%!0&3* +&, !* '66!-%!R21/%1!- . !<=>!0&3!%12)03'+(!:321%(3: !0: !* %66!0: !8'(%!9&3!
E2:2%; !:3077!0(1!)0:5!\$&_ %: !* '66!-%!0* 0&1%1A!

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;<HH'

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Cj)%\$k'*>\$8'''_8*+'?'@'+''D\$, * &#> %* 4 '\$8''' (*+'D\$, * &'>'W*9')&A'L",F8'1&&''' [*3&F'
XD\$'; <'U'E"D'HVK'; <HH'

.

8%032&(/!6'35+/&0\$5: !7&+; !35%!B0; 0&'(1!(:3'323%!0(1!)+(3%; \$+&0&. !J03'(!9; %&')0(!* +&, :A!B5%!
%#5'- '3'+(!06: +!)621%!0!)5'61&%(L: !: %)'3'+(!* '35!0!J03'(09; %&')0(!35%; %A!

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=01'5*%\$>*+, *'678,9,\$, * &'

G* . 'HZ'U'E"D'JK'; <HH'

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9!:5+*)0: %!+7! * +&, !- . !?%('+&!489!:321%(3: A!

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Q%)&#,\$, * &#'

G* . 'M'I'

P3+/'HH'I'E''D'HV'K'; <HH'

9!C'3&%+/&0\$5!':!0!\$&'(3!7&+; !0!/60:;!; 03&#A!B5%:%!50(10\$266%1!\$&'(3:!0&%!0)5'%C%1!35&+2/5!
'(30/6'+!+&!\$60(+/&05')!\$&+)%:!:!!0!3%)5('U2%! * 5')5!*0:!'\$'+(%%&%1!-.!/60:;!0&3':3!ZO&C%. !TA!
J'336%3+(!(!NOoVA!B5':!%#5'-'3'+(!5'/56'/53:!, % . !* +&, :!'(!35%!8'(!9&3!E 2:%2; X:!) +66%)3'+(!
* 5')5!':!35%!60&/%:3!) +66%)3'+(!+7!C'3&%+/&0\$5:!'(!35%! * +&61A!

!
!

;<H<'

h5!?*%%3!M%:3'6%()%!

P+C!GO!p!@%)![!GHNH!

!
!

W''D+),4,&F'(3+\$3%)+X_&''%#8,C'I'(8)+''&F,&F'\&A,)&'@\$''*\$/C''#'

@''C\$'HV'I'13F'; NK'; <H<'

!

B5%!(:306603'+(!%#5'-'@"(;)0. -0.1(5-0.5())0.0.00. -0.1(5(%)0.4((03')-0.(;)0.2(1+)-0.3#)-0.1(306)-0

!
B"*%F""2)#)'jHMMHUHJYYk?'T,#,*&'*>'\$8""2*3&\$),&#'
13F'H'I'@"C\$'HMK'; <<J'

!
B5%!; +2(30'(!7+&O!\$5+3+:!*%&&!:%6%)3%1!7&+; !35%!(%)'O6!)+66%)3'+(:!O3!<:%:3%&(!=O&+6'(OL:!
Z2(3%&!6'-&O&.A!?\$%)'O6!)+66%)3'+(:!1'&%)3+&!K%+&/%!8&'__%66!*+&, %1!*'35!<=>!?)5++6!+7!9&3!O(1!
@%:'/(!%#5'-'3'+(!; 0(0/%; %(3!:321%(3!:14&'3(%.! =O&&+66!E%&&%1'35!Z0&-'(!!00('(!MO&':!!E', %!
M+6+; '), !O(1!E%&&%1'35!?507%&!3+!::%6%)3!35%!E0:0!\$5+3+&/&O\$5: !O(1!-&'(/!35%!%#5'-'3'+(L: !1%:'/(!
O(1!\$&:%(303'+(I3+/%35%&A!

!
E'')&')&A'G)&D/'(%) 4""L"\$\$\$"&#\$%* 4?'E"+,D)\$""=)+&D""I'5),&\$,&F'a'E%)__,&F'
13F'H'I'@"C\$'HMK'; <<J'

B5%!J%33%(:3&+; :!*'35!6+(/!O&3':3!)O&%&&:!!&%)%(36.!&%6+)03%1!7&+; !35%!E'1*%:3!3+!9:5%C'66%A!
MO'(3%&!@%O(!J%33%(:3&+; L:!'!; 0/%&. !p!:'; \$6%!.%3!\$&+C+)O3'C%!p!+77%&!O!C':206!:303%; %(3!O-+23!
35%17&O/'6'3.!+7!35%!52; 0(!)+(1'3'+(A!P0().!J%33%(:3&+; L:!'!; '#%1!; %1'O!1&O*'(/:!!+(!50(1; 01%!
\$O\$%&!+73%(!1%\$')3!O('; O6: !O: !&%\$&:%(303'+(:!+7!35%!(O32&O6!*+&61A!

!
G"_'B,>\$#?'@"+'D\$, *&#>%* 4'\$8""(*+'D\$, *&#>'5%*>"##*%'64""%,\$3#5""%/'S"+/'
13F'H'I'@"C\$'HMK'; <<J'

T%66. !17+&; %&6. !+7!35%!?)5++6!+7!9&3!O(1!@%:'/(!!/OC%!35%!8'(!%9&3!E2:%2; !WH!*+&, :!7&+; !5':!
\$%&:(O6!)+66%)3'+(A!B5%!%#5'-'3'+(!7%O32&:%!O!::%6%)3'+(!+7!3503!*+&, !!'(!O!CO&'%3. !+7!; %1'O! !- !
7+&; %&!O&3!70)263. !O(1!:321%(3: !O(1!C': '3'(/!O&3':3:A!

;<<M'

L"_,#'=3DR?'="/*&A'\$8""@3%>)D""I'L,>""! *%R#',&'5),&\$,&F')&A'1##"49+)F""
@"C\$'V'I'E"D'HOK'; <<M'

!
9!C'-&O(3!)+6+&!\$O6%33%!;! 263'\$6%!3%#32&:%!O(1!35%!\$&:%(%)%+7!7+2(1!+-R%)3:;! O&, !42), L: !+73%(!
6O&/%D:)O6%!*+&, :!+7!\$O'(3'(/!)+66O/%!O(1!O: :%; -6O/%A!Z%! (O; %: !O: !5': !\$&'; O&. !'(: '\$&O3'+(I3*+!
O&3':3: !7&+; !35%!%O&6. D!3+!; '1DGH35!)%(32&. !!&%O6':3!"1*O&1!Z+\$&\$&!O(1!O-:3&O)3!%#&\$&: :'+('3!
c')50&1!@'%-%(, +&(A!B5%!&3&+:%%)3'C%L: !'\$%)%: !: \$O(('/!dH!. %O&: !O(1!)+; \$&:'(/!WH!*+&, :!
)O; %!7&+; !42), L: !+ * (!)+66%)3'+(!O(1!35%!)+66%)3'+(:!+7!5':!70; '6. !17&'%(1: !O(1!\$O3&+(:A!

!
G,&""L, . "#?'I * 49, "#>*'1%\$'
G*. 'H<'I'G*. '; OK'; <<M'

MO&3')\$O3'(/!:321%(3: !!O66!:%('+&: !!O(1!35%&!)+ ()%(3&O3'+(: !O&%!O%&&; .!9C%&:O! !/&O\$5')!1%:'/(a!
O%: :)O! =O\$ \$: !!)%&O; ') :!e5%&!\$%)%!' :! :!5+ * (fa! ?2: O(!=6+%&!:)26\$32&%a!=5&:'3'(!!'61%&!\$O'(3'(/a!

"; '6. !K'(/&0:;!/&0\$5')!1%:/'(!0(1!/&0\$5')!0&3a!E%%1'35!Z0&-'(!!\$0'(3'(/a!T&':3%(!E%%1'35!
M+:3+(!!\$&'(3; 0, '(/a!E':3. !P+&&':!!1&0*'(/a!0(1!0%('7%&!B+6%1+!\$0'(3'(/A!

!
!

=, "&&,)+0)D3+\$/'678,9,\$,*&'
P)&'; Y'I '2)%D8'HOK'; <<M'

80)263. !; %; -%&!&%\$&%: % (3%1!' (!35%!%#5' - '3'+ (!0&%!M03&')'0!40'6%. !!0+0(!4. &1! !< '66'0; !=6%; % (3: !!
E0&'%!BA! =+)5&0 (!!E0&3' (!@%< '33!TO&% (!@2 ((!=035&. (!K&'77' (!!0+ (!Q')50!!T%&' (!T'&, \$03&'), !!E033!
J'116%!?!2:0 (!!E0&3' (!!T03. 0!E ++&; 0 (!!K&%/!E)M5%&: + (!!40&-0&0!P2: : 1+&7%&D" -6% (!!T%66. !
M+\$+77! !< '66'0; !M&')%!!K%+&/%!c%)3+&!E0&. 0!c+60(1!P+&; 0!?!; '35!!"&' (!B0\$6%. !0(1!c')50&1!
B')5')5!!1'&%)3+&!+7!35%!?)5++6!+7!9&3!0(1!@%: '/' (A!

!
!

;<<Z'

Q*'W,#''')&A'="F,&'1F),&'
G* . 'HU'E""D'HK'; <<Z'

B5%!GH!1&0*' (/ :!0(1!) +660/%: !' (!35%!%#5' - '3'+ (!0&%!35%! * +&, !+7!J2_% (%!Z'66!0!:% ('+&! ' (!35%!

!

(+' . "+)&A'W*DR#'I'Q8'''=,%\$8C+)D'''*>'W*DR')&A'W*+'
(3%)\$'A'9/i'P*&'P,D8)'1C%,+; Z'I'2)/'H; K'; <<Z'

< %: 3%&(L: !8' (!9&3!E 2: %2; !+&/0 ('_!135%!%#5' - '3'+ (!+7!Vg!\$5+3+ /&O\$5: !7&+; !?52-0L: !)+66%)3'+ (!
+7!; +&%!350(!dIWHH!(%/O3'C%: !+7!&+), !s(L!&+66!%C%(3: !O(1!\$%&7+&; %&: !'(=!6%C%60(1!135%!7'&: 3!+&!
: %)+ (1!: 3+ \$!+ (!35%!; 2: ') 'O (: !!(O3'+ (O6!3+2&: A!

!

!

1+9''\$'S''#D8?'5), &\$, &F'\$8''@/ &\$8''#, #' * > '@\$%3D\$3%'')&A'O''''A* 4'
P)&'; Y'I'2)%D8'YK'; <<Z'

!

B5%! <=>!8' (!9&3!E 2: %2; !* '6!5+: 3!O(1!%#5' - '3'+ (!7%O32&' (/!35%! * +&, !+7!O))60'; %!1P% * !i +&, !
\$O'(3%&!96-%&3!T&%:)5! !* 5+: %! : ; O66D:)O6%!+ '6!\$O' (3' (/! * %&!2 (OC0'60-6%!3+!35%! /% (%&O6!\$2-6')!
2(3'6! : '#! . %O&: !O/ +A!

!

!

<<V'

,

:)%. ''/ 'Sh'L, \$ \$+ '\$ * &')&A'O%, ''&A#?'1'L''F)D/' * >'Q%)&#> * %4, &F'X9m'D\$K'\4)F''')&A'\A'')K'
G* . 'HJK'; <<V'I'2)%D8'YK'; <<Z'

,

J'336%3+ (!: !O!&%(+ * (%!1O&3': 3!O(1!; O: 3%&!3%O)5%&! * 5+! * +&, : !+23!+7!?\$&2)%!M' (%A!Z%!: !* '1%6. !
) + (: '1%&%1!35%!7O35%&!+7!35%!)+ (3%; \$+&O&. 1: 321'+! /60: : !; +C%; % (3! '(135%!> ('3%1!7303%: !O(1!
''2&+ \$%!O: !* %66!O: !35%! '(C% (3+&!+7!O!C%&: O3'6%!O(1!2 ('U2%!C'3&%+ /&O\$5')!\$&' (3D; O, ' (! \$&+)%: : A!

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Q8'''S,44''+' (*+''D\$, * &'I'1%'\$8)\$!'! *%R#?'1' ('+'9%)\$, * &' * >'E''#,F&'
@''C\$'; Y'I'XD\$'; HK'; <<V!

!

F()621%1! '(135%!%#5' - '3'+ (! * '6!-%!9; %&')O(!!''2&+ \$%O(!O(1!?)O(1' (OC'O(!7' (%!O&3!O(1!1%: '/ (!
: \$O((' /!7&+; !NggW!3+!NOgW!)&(. 2(W)O. 2(!)-3')-0.5(+)-0.3((-)-0.4((-)6-0. (1)-0.4.5((-)-0.4(!)-0.1(3. c

B2%: 10. !!92/A!GGI!35&+2/5!7032&10. !!7%\$3A!G[A!B5%!%#5' - '3'+ (!!&/0('_%1!- . !35%!460), !E+2(30' (!
=+66%/!E 2:%2; !r!9&3!:=%(3%&! '(!9:5%C'66%!!)%6%-&03%:!9&)5%&L:!0)5'%C%; %(3!' (!)&%03' (/!0!
:3&', '(/6. !-%023'726!0 (!15':3+&')066. !'; \$+&30(3!)+66%)3'+ (!+7!'; 0/%: !+7!35%!)&+: :D1':)'\$6' (0&. !
) +66%/!A!
!
!

;<<0'
,

! *%A. , "_#?'@"+"D\$, *&#>%' 4 '\$8''' (*+"D\$, *&')&A'G" _'1Dg3,#,\$, *&#'
XD\$'; Y'I '@"C\$HVK'; <<0'
,

B5%!j < +&61C'%* :k!%#5' - '3'+ (!')621%: !0&3!- . !T%((%35!P+60(1!+7!9:5%C'66%!!" :3%-0(!Y')%(3%!
J+2':!8' (, %6:3%' (!0(1!Z%&; 0(!K+2:3' (a!0!1%C%6+\$' (/!<+; %(L:!?321. !+=66%)3'+ (!')621' (/! * +&, :!
- . !c+:%; 0&%!4%), !!n2'30!4&+15%01!E0&. !M0&, %&!00('!E) < 5'&3%&!0(1!" 1'35!P%77a! (%*!
0)U2': '3'+ (: !- . !6+)06!&%/' + (06!0(1!(03'+ (06!0&3': 3: !: 2)5!0: !0+ .)%!462 (, !!J2_% (!Z'66!Z0&C%. !TA!
J'336%3+ (!!K&%/+&. !E0: 2&+C: , . !!0%77!h%:3&%')5! !E0&3' (!M2&. %0&!< '66'0; !BA!< '6%. !!0+%6!n2%!(!0(1!
c'), !>&-0(a!0(1!&%)%(3!/'73: !7&+; !0&%0!0(1!&%/' + (06!)+66%)3+&: !: 2)5!0: !35%!Z%6', %&DJ0Z+30(!
8+2(103'+ (!+7!P%* !i +&, !! * 5')5!1+ (03%1!0!; OR+&! * +&, !- . ! \$0' (3%&!0+5 (!Z%6', %&!0(1!0(!
' ; \$+&30(3!\$&' (3!\$+&37+6'+!3503!')621%: ! * +&, !+7!K2'66%&; +!?'6C0!+7! =+6+; -'0!0(1! =2-0(!0&3':3!
"; '6'+!70()5%_A!
!
!

P*"+58,+C' 2/'%#?'@\$3A, *'B+)##'\&#)\$+)\$, *&#'
XD\$'; Y'I '@"C\$HVK'; <<0'
!

E. %&: !!0!; OR+&!7'/2&%!' (!35%!)+ (3%; \$+&0&. !:321'+!/60: :!; +C%; %(3! * '66!-%!&%\$&%: % (3%1!- . !3* +!
' ; \$+&30(3!-+1%: !+7! * +&, !p!5': !j 460), !0(1!< 5'3%!F (:306603'+ (: !k! * 5')5!&%76%)3!+ (!35%!\$0' (!0(1!
:277%&' (/!+7! * 0&!0(1!35%!j @'06+/2%!?'%&%: !k! * 5')5!+77%&: !0(!+\$3'; ':3')!0(1!0; 2: ' (/!7+)2: !+ (!
52; 0(!1':) +2&: %!0(1!\$%&: + (06!&%603'+ (: 5'\$: A!
!
!

(*&. 92e-0. 3((-3. 4Tf(!)Tj250-1219. !)-0. 1(((-)-0. 4(1(%0. 4(!)-0. 12)-0. 4(; 4)-0. 1(

!

B5%!7'&:3!35&%%!7%032&%1!062; ('!0&3':3:!0&%!=+(('%!4+:3')!+7!80'&C'% *!!* 5+!%0&(%1!5%&!; 0:3%&L:!
1%/&%%!(!NOOH!E 0&. !=50&6%:!K&'77'(!+7!9:5%C'66%!0!GHHG!/&01203%!+7!<%:3%&(a!0(1!B'; !00)+-:!
+7!=266+ * 5%!!* 5+!%0&(%1!5':;!; 0:3%&L:!1%/&%%!(!NOOO!

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