

*P*



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3)-)-4)+!()\*- /



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+#\$,-'.%\$#0'1"#2  
345'2&.'"%5-'./66'7#6/8#0'%9-:''''.0\$#%  
<:/='="2#-'\$''0">0\$#045'7#="2#-';%'?#4'7#\$.##4\$: #'70%-  
5bXnci k]`^cXUÜa Ytc`hYjW  
3-'/\$2#6\$-'&''9'./66'="66#=\$\$:#'. "%5-'/4&''9%2''9\$:  
345'-1#08\$: #2

+#\$,-'.%\$#0'-''4>  
H\Y'a i g]V[k j`gk]f`UbXÜck ]b'a m\YUX  
5bXÜbU`mH\_Yg\WYk ]h UgUWÜhZcfkcfXg  
6i h\Y`nfi]Vgk cbñhÜh]bhc`h\Y\c`Y`=a UXY  
@''&''9'./66\$08#0'84/;#045'=0%A#0. 0&  
B: #5>#-''';\$: #29-/'

+#\$,-'208#6''A#  
345'&''9%7''5&./66'7#="2#\$: #'C0%\$: '045'2/4#\$: #'@8&  
D'./66''A#\$: #'2''94\$0/4-'045'10-\$9%#-'045''=#04-  
345'&''9'./66''A#\$: #'-94'045'-\$0%-'045'2''''4  
< #'./66'=#0\$#''9%'' . 4'>''5-'045'>'55#--#-  
E4\$/6'. #'-6##1

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WYghŪh



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678)8#8)1, <8#78#174-5(8' #74558' #0874' 5#678#?84-#&:#)8(?46+58@

678#1(&3' #&:#7&(' )#(412)#174-5(8' #5&3' #

6&#1&' )+99, 64&' ;

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4)# &#&' =8(#, #(&), (A;#

, ' 5#C#2' &3#A&+#)64-#<(, A#0+6

46#)6&<<85#084' =#, #(&), (A#08:&(8#C#)6&<<85#<(, A4' =#&&@

38#)4' 2#, ' A3, A;#0+(485#

+ ' 58(' 8, 67#&+(#&3' #.+ ' 8(, #-A(8#1(&));

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#+#, '-.\$/#'01, \$-2#2'2#3.'%#24%%#5\$'  
.'%''O'\$/#'#&#2''.'\$/#-%2#3.'6%#25%-7#8'6#, \$19%102:'  
12; '\$/#O'-'\$/#&'/#1%8'2-, 9-, 9'

-, '\$/#-%5''+#, ''.'\$', 94#2<  
=#'51, '', 3&'-, +-\$'\$/#O'\$''3-2\$#,  
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!"#\$%&'()\*+%, '&

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0'12(#342#52,342(

6'1#342#52,342(#7)#8(,9:

;3#<22-)#4&3=#,'1#>&-1:

?5&#3,@-2)A&&')#&<#4&'29:

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

+,-\$#.'\$"/#%'01,2#.\$3%&'%/&\$2"4  
5'-.6'\$/3\$'-.6-"4'3'73%31,-#07'38"9#:

5'43.\$3-&';"%<1=  
5'<,4#'34\$#%'1#3\$/'=#;  
>".?\$#-@37#=#;,\$/"0\$  
A;"\$38<#-7"".-"4'/"#&:

B#@30-#';,\$/"/.#&'#\$/%,9#=  
C\$?-'/"';#'-0%9,9#'  
A;"\$38<#-7"".-"4'/"#&  
A"D##7'0-'3<,9#:'

!"#\$%&'()\*\$(\$,-.\$/0&12\*3

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

123#&'3)#42&#5+( )6#7&+#8'6&#623#9&):&);#<6(,8=26#&+6#&>#&'628='3))?#@(&6396&()#>(&:#3A8-#,)#>  
)3-3963B#57#7&+?1237#43(3#&'93#>(3)2#,'B#'34#-8C3#7&+#43(3#,6#623#)6,(6?#:3(3#)6,(63(#)33B)#3A3  
57#@&68&')?1237#)3-3963B#7&+#>(&:#,#('B&:?#:3,'8'=-3))#,) )&(6:3'6#?#)6(&'=3(?#),@-8'=)?#42&#:8=26[  
>,8(3B#53663(?

1237#)3-3963B#3,92#&623(#>(&:#5(83>#)@,(C#&>#.,='3689#,66(,968&'?#8'6&#3,92#&623(D)#&(586)?#E9

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\*+,#-.'+\*-'/\*0/+%-#-+1'&"/'+%#'+1'2"\*-#%3\*0'24#\*\$4#&'2355'%/\*\*"/\$'"6'2+%'\$"-#75+%#.'+\*-'24#\*#&"/855'%/\*\*"  
cZWFYžk cbXYf]b[ ]Znai fVwfYa ][\hhi fb^\_YhY]fgVYck ZFYn]b[ ž'k cbXYf]b[ 'UbXk UbXYf]b[ 'fmg]b[ 'rc UbX  
1"9#"\*#'\$""\$37#&"/%3\*:313;5#3\*\$#%\*+5'7%+\$#%1.'7435-#\*"'6'-#1\$/7\$3"\*.'5"13\*0'7"/\*\$'"6'4"2'9+\*#&'&"/  
4"<3\*0'+\*\$4#%'9304\$;#'+;5#'\$"5#\$'&"/,'\*2'4"2'6+55"/\$4+1'<5+&#-"/\$""\*#&"/%<"55/\$#-+'\$9"1<4#%#

K \]Ynai 'h`' nai fgYZnai Ñ byj YfVYVda d]M]hrc UbchYf'cf'rc hY[ YbYh]W`ma cX]ÚYX

!5+7#;"1.'<%#17%3;#-';&'1"7+55#-'9#-373\*#'9#\*.'23\$4'<%""6"6'\$4#3%'4304#%'3\*\$#5530#\*7#.'=>?.'@  
,\*"25#-0#'+\*-'231-"9.'231-"9'\$4#7"\*1<3%+7&\$4#"%&'2%3\$#\*#';&""\$4#%'9#-373\*#'9#\*#\$#553\*0'/1'+\*0#  
;#3\*01'4"2'\$""%;3\$.'24#\*.'24#%#.'24&.#D<5+\*+\$3"\*1'\$4%"/04':#35#-'23\*-"21"6'19+%\$1'\$4+\*,6/55&'&  
\$"<#\*#\$%+\$#&"/%';3"1<4#%#.';/\$'6"%"\$4#%1'3\$1'2"%,#-.'\$4#&8:#<"55/\$#-+'-3\*6#1\$#-+'-#0%+-/   
#%#-#&"/%<%0#\*3\$"%1';3"1<4#%#.'\$4#&'<+11""\$4#9#-373\*#1/<<"1#-'\$7"/%#.'\$4+\$'\$/55&



+,-,./'\$0#1#2,34"53"6'32,./#%  
70#/'1&'\$08\$'398-#1#3#%:#3'43'.&'";5  
<#'\$0#398-#43#.9\$&  
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=>?-,3#.#'34%@',,\$'8%#&',A'45A'\$",3#'\$043'398-#BC'D'1#39#%8\$#2&'32,%  
=D'8.C'38&3'\$0#.85  
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=DF22'98&'&',C'D'92#81'=0";',.-0'6"%\$043'398-#BC  
EA845@\$0#.85'3##.3'\$"08:#'6"%A"\$5'D'8.'\$0#%#  
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12,3#+ '3(+4#5+)3#6#324#78-49#8':4(',-#;4,)39#  
32&+#,(3#324#;, '4#&:#<=#8'34(',-#>44? @  
A24'#B#C,)#=#&+'D#,'E#>'4C#&:#3244#324#-4,)39  
8#<4#,-&CFE#32=#3284:#3&#3(,74-#E44? @  
12&+#(&;FE#:(&<#<4#<=#,D4'G=#,'E#-&74#6##  
,#3(,D8G#-&))#3&#32,3#C8328'#C28G2#)8'D)H  
324#G,(',-#;4(7&(#=4,(')#,'E#G,-)#324(4&:9  
3&#2&-E#,'E#3&+G2#6#)+G2#?',D)#C832#7&8G4#E&#(8'D@  
I&#-&J#K2#C2,3#C&+-E#B#:#(D&J#1&#G,-  
C8328'#,D,8'#32,3#:,8(#,'E#&74-#3,)349  
3&#>'&C#C832#4=4)#&#;(8D23#,'E#)&+-#C832,-  
32,3#B#<,#=#&74#C832&+3#)&<4#)4')FE#E8)D(,G49  
, 'E#-8;4(,34#<=)4-:#:(&<#C(43G24E#2,-)  
, 'E#+',;(8ED4E#;4#<&)3#E44?#4'32(,C-FE @

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K'4#E,=#B#C&>4#C8328'#,#:474(#E(4,<@  
B#G-4,(FE#<=#4=4)#,'E#),C#32(&+D2#2,L=#)G(44')  
&:#&D#,'E#<8)3#,#=#&+'D4(#<,'#)&#?(44'#  
=43#)&#;4E4G>FE#8'#G&')3,'3#<8)4(=@#  
B#(# ET Q TT;<#;2,3TT68(,D84E#,,E#3#,'E ET Q q 1 0 0 1 -9 -9 cm BT 11 0 0 11 81 249.104#<26+<26+<2

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\$4#'0234\$65%#'.#6"0';0"+0'9&'056#'51'<1456#:=  
+42>4'1\$5-;'1\$59""0'1#?:""@'+4"1#1"-#526  
9#'\$45\$'\$"45A#"0#=1'1#01#"@'1#-@'#%".#B  
C4#'D52-:'4"1#+5--1'1,1\$520'\$4#'12-#0>#"@'  
#1\$%503#6#0\$:';0"+1'9,\$"0-&'14%2#;1'20'A520:  
+4#0'@5--203"0'.#5@'#5%1'."0"0#'5\$\$520B  
EF,>4'.21>"0\$#0\$'21'@%50;-&'A2"-#0>#:'-"A#:G  
\$4#'.#6"0'15&1:',H'H#%>4=.',H"0'6&'1",-:  
9,\$'@,>,'&',;'+%#\$>4:'/'0"+'@%'6'.##H#1\$'.#H\$41  
+2\$420'\$421'>5A#:'\$45\$'145.'"+'>51\$'0"\$'.#5\$4  
."#1'6#50:'9,\$%5\$4#%'-234\$'50.'3%"+"\$4#?'\$"-1B  
C4",:'9-5>;3,5%.!J@ @!K&'3".1:'/'%2.'"@'\$4##I  
C4#%#9&#',># '@"%15;#0'0"%65->&L

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0&#1,22&34)#5(6,2#&7#(6)865#26'  
9&#816:#2,:#(6)8#,#;6--<  
=6-->#(6)8#,) +(65?#@)#5(6,26())#86'5  
A&#B6#816#B6)8#8&#)6--?

CDEF(:#2,'#,#4G'H?#@'5#6EF(:#5,26#,#1+66'?J  
KFE6#16,(5#G8#6,(#,'5#7,(#B68;66'>  
L+8#6E6(#1,E6#K#)66'  
@)#2,':#3(&,')#&'#16,5)  
@)#816(6#,(6#3&+'8)#&7#B65)M  
K'#26,5&,>#2&,'G'H>#5,:-GH18#7&,2G'H>  
%6(5)#&7#;&-E6)#,'5#)166N#,(6#(&,2G'H  
A&#;G8'6))#81G)O#@'6'5-6))#B-G))  
CZ&bUjMM]a U YXrc U\,gg'

A16#3+(8,G')#-G7865>#6:6)#,--#)1G7865  
A&#)66#816#)&G-#6,8-:#)G7865>  
91&;G'H#)36'6)#&7#26'#+HG7865P  
Q-G2BG'H#8(66)  
A&#3,831#816#B(66R6  
K'8&#816#;G'86(#;G'5>#16#5(G7865M

A16#S+5H6>#S+(:#>#6T63+8G&'6(>  
A16#5,(4U3-&,465#6-638(&3+8G&'6(>  
A16#81G'U-GNN65#3G(3+2-&3+8G&'6(>  
A16#B-+6U6:65#(6)&-+8G&'6(>  
0&6)#16#8&&>#5(6,2#&7#7,(#&77#-,5)  
=16(6#;G)16()#;G)1#,#7,G81#562,5)  
@'5#7,G81>#,#7,(#)#7,G81#3&+-5#)8,5  
98,5)#86('->#,#)G)#7,G81F)#3&22,5<

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



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;<3#)+=#&2#345(6#:&'3>  
;<3#?&&(#&-7#?+?  
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@6#:+(6A'8#<A)#&B'C

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D'7#),A-)#:6#BA'7A'8)#:-&B'C  
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;<3#=3,7&B5)#-&'8#:33'#3=?F6>  
;<3#IA'87&=#7A7'5F#-,)FC  
;<3#)A"3(#-3,('37#F&#3,F#<A)#?3,)>  
;<3#=#&'l#<,)#-&'8#)A'93#?,)37C  
;<3#<,==&9l)#7(3,=#+?#'A8<F=,(3)>  
H\YXc[ WbŃiŪbX\]gVcbYž  
D'7#),A-&()#&'6#),A-#A'#,A()  
D'7#IA'8)#-A43#&'#F<3A(#&B'C  
;<3#J+(65)#(3,9<37#73-A:3(,FA&'>  
1F5)#FA=3#F&#3'7#F<3#-&'8#4,9,FA&'C  
1F#)33=#6&+#(3,9<37#6&+(#73)FA',FA&'  
K&'8#:32&(3#?,(FA9A?,FA&'C

L&#),A-#&'#6&+#)A'8-3#),A-&(M  
L,A-#&'#F&#9,F9<#F<3#:(33N3M  
L,A-#&'#F&#)+')3F)#-&'8#)A'93#?,)FM  
L,A-#&'#F<3#3'7-3)#)3,)M  
L,A-#&'#FA--#6&+5(3#)A9l#&2#),A-A'8>  
O'FA-#6&+(#<3,(F#7&F<#)B3--M  
1'F&#F<3#(+F<-3)#BA'7)#?(34,A-A'8  
L&#6&+#=#,6#(3)F#,)#B3--M

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E(+38F)

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-"7#'32'87349'32'47"/.2  
:.77"'04#'1"/,0,;"\$.  
-"\$<.7&'504%"8.%2\$2=  
>"#2,?\$'53\$#\$%'6-3\$&'.6#3%@  
\$-#/'7#3/2'\$-#70",  
-"6'6#435#-#%#@'37",#@  
382.%/@'8.\$:'%2.55#%A  
\$05#?2'#/'6-#,'B7/'C30,?2':3.D  
8#772'\$"77'8%049'%'#/@'3,'87.#  
\$#%310,2'2.,",7";2':3\$'  
60\$-'47"492'2##10,;2#4"/,2

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A+>&@"B\*3"+C%\*4"4:+4D  
E"+>+"=%>>+8"=%>>+"=:+>3,3%&  
%&"+F%\*G<+1"<'763  
,7H3"+"53'=3<8"+("!\*="H"(+7<8"%63':3+43<  
3&J7&3(""&"%&"4%"&"3&<8"&"J%<8  
&"3(4G(4%?  
F%"4:3"C,3+1@

B:33"6%,\*>3  
+&<"6%="+C\*,+1"=%+,3(=3  
7&4%"=,3+""7J:48  
;74,3((8"+(,33?  
\*&<3'J%\*&<8"\*&<3"&7J:48  
>1"%,<";%'HG<3(H"<'3+>3<"C1"+";7&<%;

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



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

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

+,.-.#-/'0'1-22#%34'/0-5'6-227  
8#\$'9":25';"\$'<:%5#%  
0'/=-5#%'. "%'\$># '2-?>\$"'.'-\$/'#-?>\$  
#&#/#7

@:\$/-5#".'2-.#3'\$>-/'A#B"<-;?  
hfjW'cZXYU\zLbUjYbU'ckYf'fYjYUg  
0;""%?0;"".'/-?>\$3

."%<2#/'0\$\$%0B\$"%3'\$># '<-552#'#&#  
%"C#B\$/'0'D=-5#%'E"53'#2#F#;G  
>#05#53'#-?>\$H0%<#53'\$9#;\$&H\$9"H2#??#5  
>:/\$2#%

50;B-;?";'\$># 'B"%=#/'". '0'B";B#=\$3  
0/'B%-B1#\$/'0;5'/#F#;\$##;H&#0%  
VjWjXjYjZj'`g'z  
=%"=0?0\$-";/3

/0\$:%0\$#\$>#/'0;B\$:0%&  
". '0'>.:;5%#5'\$>":/0;5'.%#-?>\$'\$%0-;/  
-; '<&'/1:227'1'9;'0'90\$##%/=":\$3  
A"\$\$\$"<":'\$"\$'\$># '9#22'0?0-;3

/=-5#%/'0%# '<&' .%-#;5/3  
<# '0;5'A%"\$>#%'J-<'0;5'\$># 'A##/'\$"?#>#%  
0?0-;7

!"#\$%&'()\*'

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!"#\$%&'()\*&\$\*+(\$"#\$,\*("#-.%\$(\*&/0#\$(-)//#-%\$("\$10&/%2

B&+(#8(3,42)C\$)-C#,AA-,+)39

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012'#3#0,)#4&('5#6127#838'96#1,:2#,#;-,#  
,#<13-8#'228#&'7#=#&0#612#-&:2#&>#12(#,;(2'6)5#-2,:2#612#61&+?16)#&>#2612(2,-#423'?)#>&(#,  
#,&&(#@261&8&-&?75#4+6#2>>2<63:2#'&'2612-2))#

i dcb'a mñi fb]b[ 'Új Yžh YmŸY[ Lb ħc'k cffm  
<&@;263'?#382,-)#+'82(#&'2#(&&>#,(2#4&+'8#6#&(2,<1#,#12,85#,'8#0361#36#<,@2#7&+

,6#)3A5#02#02(2#>&(@,--7#3'6(&8+<28#  
,#612(#382'6367#6&#88#6&#612#-3)6  
3#838'96#+#82(6,'8#017#7&+#02(2#-&:28#)#&822;-75#4+6#613)#0,)#>,(#-2))#3@;&(6,'6#<&@;,(28;  
;-2,),'6(32)#7&+(#,@2#2:&=28#

&#@7#602->61#43(618,75#02#02(2#4&+'8#>&(#-3>2  
3#)6+8328#7&+(#@2),?2#,'8#<&:'3'<28#@7)2->#61,6#7&+#0&+8#@,=2#@2#01&-2#  
6127#6&-8#@2#,-#0,)#02--#

3#42-32:28#612@#

012'#3#6+('28#/B5#7&+#83),;2,(28#  
7&+#)6&-2#@7#>(32'8#,'8#838'96#-2,:2#,#&62#  
3#@3?169:2#+#82(6&&8#1,8#7&+#2A;-,'3'285#4+6#61,69)#'2:2(#422'#,)#6(2'?61#&>#7&+())##  
'2'2(,63&!)#+;&#?'2'2(,63&!)#&>#;,'3#,'8#726#3#0,)#63--#6,+?16#6&#-&:2#7&+##+'<&'8363&','--7#  
02#)6&;28#);2,=3'?

,6#/C5#3#0,)#(2@3'828#&>#7&+#  
3#,#6&0#&>#&'2#36#3)#2,)7#6&#)6,7#13882'5#4+6#@7#;61#-28#@2#12(2  
612#&612()#='20#&>#7&+(#6(&<3632)5#7&+(#&:2()3?16  
726#012'#612#?,62)#7&+#4+3-6#02(2#&;2'5#6127#,-#+)12(28#3'  
3#838'96#+#82(6,'85#4+6#3#-&:28#612@#82,(-7#  
,)#838#7&+

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

+',-./'012'.+3'&"4%'5""\$'-6'-+'\$7#'3""%'

-, -88'+#9#%'4+3#%6\$.+3'&"42':4\$'-64,;,"6#'\$7.\$',.6'+#9#% '\$7#';"-+ '\$

-'/.&+'\$%#8-67'-+'&"4%'6\$"%-#6'8-<#-'3-3',7#++'\$7#&',#%#'.88'- '<+#,



!"#\$%&'(")%

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

+, -.\$./0&'/\$"%&'1\$, #'/234/5#%#'-/6243'0#'  
7"%\$,\$,243/8'9":;<4.\$'32=#'24'>-4/-/?'

8\$'0-6#/'4"/#4/#\$, -\$'8'5-/'/, "96#<'@&'\$, #'//\$%2A0-;;/'-4<'/:49,"6#<'  
,2;:/ @#9-:/#8', -=#/##4'\$, #0' @#7"%#24'A; -9#/'4"\$BC:2\$#B>-4/-/?'

8'\$";<'0&'0"\$, #%'0&'%":\$#"4'\$, #A, "4#'-4<'/, #64#5'  
2\$'5-/4.\$'%23,\$'-4<'8'5-/'/:%A%2/#<'4'0&'<%2=#' @&'>-4/-/?'

8'5-/D  
E&',2/\$"%&'#%-/#<'2\$/#;7'24'>-4/-/?'

84'\$, #%'#-%=2#5'02%% "%F'\$, #' @2;; @"-%</'G:0A#<'9%"/"\$, #', 23,5-&'  
"4'\$%##\$%:46';#3/F'%'#-%-43243'0#'-4<'>-4/-/?'

H/A, -;\$/A:4'0#":\$'-4<'5-&F'  
\$'5-%<'\$, #4#I\$'3-/'/\$-\$2"4F'\$"5-%<'\$, #02%-9;#"7'>-4/-/?'

J"5'9-4'8'<#7#4<'0&/#;7F'  
a n d W j U W Z c f ? U b g t b 3

K-4'8'/'-&'\$, -\$'8'5-/'\$, #%'#';26#8'5-/'4#5F'  
-'7%#/, '9-;7'24'>-4/-/L'

+, #'\$%:\$, '2/'\$, -\$'8'9":;<'##'=#%&\$, 243D  
5-\$9,243'\$, #'#-%\$, 'A##;'-5-&'7%"0'2\$/#;7F'-5-&'7%"0'>-4/-/?'

M-\$9,243'0&/#;7'24'-'62//F'  
5-\$9,243'0&/#;7'24'>-4/-/?'

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

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

1&+(-234#5,64)#&'#, #'47#  
5289(4:#5;4#);&(5#)&'<#725;#  
5;4#=-,>)#5;5#?&+#+>+5#2'?'&+)(4-3:#5;4#3,9(2<#&#2#9,5(4#)B4#,#347#@4=,@4)#&'#84D#K;4?#@,'=4;  
5;5#@&4)'A5#=#&B4(?'&+(#5&4)C#?'&+#, '@#-&&6#&+5#;5#;4#(,2'D#K;42(#<(' @#;2-@(4#,(4#  
)74,5 9(2<;5#8+@@?'#7'@4():#7,'@4(2'<#5;(&+<;#5;42(#?,(@#  
, '@#)8&64#,'@#74,(#)>4=2,-#)62'5#&?'&+(#92(5;@;3(?'#D#M#52--#344-#)8,--:#B4(?#8+=;#,#=252N4'#&3#  
MAB4#944'#>-,=4@D

K&+=;#;&B4()#,5#8?#72'@&7)2--  
2'5;4#9&@?'#&3#,#3,5#)O+2((4-#=#;554()#5#84#-264#);

1&+#=#&+@#7(254#?'&+(@,#?#>4(34=5-?D#1&+7&#-@#5#(4)#23#M#(4,=#;4@#3&(#;4(D#  
4B4(?#9-,@4#&3#<(,)#3&(#5;2)D#1&+#=#&+@#102,8#;882'<#&+5#&3#5;4#@ (4,8#  
4B4(?5;2'<E#?'&+(#8+@##+'@4(#5;4#74=#&84#8,2'5;8#(4#(5?,(@:#)72882'<#&+5#  
9(4,63,)5:#?'&+(#;4,@#=#&82'<#-&&)4#2'5;4#)54,883#'@4(#5;4#<;&)5)#&3#>4&>-4A)#,(8)D#M'5;4#7,62'  
5;4#);&74(D#1&+(#725'4))2'<E#5;4#<@F-2<;5#8&4'E#  
5;(&+<;#=(,=6)#2'5;4#=#4@,(#@&&(D#G'@#25#7&2908)52,-#21<#)5#(8#8?#(29)#5&#5;4#42<;9&()#,'@#5;#  
W'nci 'U`]b[ i d'nci fVcXn' 9,(43&&5#8+)2=E#P&-&(@, @&  
]gcb'UfYk \]YhYf]j Yfggcf'a UbX'gk'La d'hYjf'  
)5(+=#5+(4)#,5#;&84D#

K;4#)O+2((4-#;,)#944'#<&(<2'<#;4()4-3:#;,)#944'#  
)=(4,82'<#  
MA8#+>D#MA8#+>D#

l;:#9+5#5;4#>+);2'<#&+5#4J;,+5)#?'&+D#K;4#5&#(A)B4(5&#5#8?#)2)54(A)#4?4)#2'5;4#9,=6#&3#8?#;4,@D  
9-,645#72--#=#&B4(?'&+#+#=-(-4@##>D#L45#<#&#&3#5;4#<(,)#  
>4(;>)#?'&+##&#&5#44@#5#&#=#;(&'2=-4#5;2)D##M5#7&+@#  
94#&6,?'#3&(#5;4#-2)5#5#&94#)28>-4#3&(#5;4#-2)5#5#&#),?'#H+)5E#  
;+88+)D#M5#7&+@#94#&6,?'#25#7&+@#94#<&&@#4B4'#23#5;4#  
)&'<#?'&+74(4#;+882'<#7,)#&'4#3(&8#-,)5#)+884(#,'@#  
'&5#,'?5;2'<#?'&+7(&54D#

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



+&'&,%-'./'01/\$'\$"123',4-'/2%156  
.\$'5#7"48/'\$"\$3#'/91.%%#7:'\$3#'5175',4-'5178#";'3#%'  
23##</':=3.7#>&'5#77&'./\$.77'"%4.48?3148%&6  
@'%#/#4\$'3#%'



!"##"\$%&'()

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

\*"+',-./0'1'23-\$'-\$4,-5'."%#  
\$43-"6#3-'\$+%.",7  
/##8'#-"540'2,/##-"540'9\$3+-64  
k\]W'a ][ \hg ZW

\$4,9':"/

; <"%93=#-  
8,\$">'.37,6#',-'.&'64#9\$

?4"9\$,7#3%,/'-"  
#@\$%#."84,7#6%3279"+\$AB

H\]ghU bh]b[ W'cfYggjUla Y.  
""7389'.3%%"2'>%". 'C"-#0  
""%"2"+7/0

""C+\$',-6,-#%3\$#9  
#D#%&'5,>\$E6"- \$%,D3-6#90'-2'1'6377'\$4#.E'

F7+94'">'23%.'64##=A

""<%#94'C#%%,#9A

""G+-7,\$'9,74"+#\$\$#E'

""""#&#9

"&"+'5,D#'.#E6"- \$%,D3-6#0'\$43\$H9', \$0

""""3-'/,9\$%36\$, "-I

""D37+#7#990'.#3-,-57#99""C9\$367#9  
/#73&,-5'C#>"%#'\$4#'#D#%;93+54\$0'.'&\$4,6,J#/  
#>>%#D#96#-\$0'+-%#37,9\$,6'K+#-64L

\*"+',-./0'&'+'+',-./A'

!"#\$%&'('))'

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

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

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

!"#\$%"&'()\*\*\*

+, -.#/'0"1%'2%"3#4'5166#%  
78-\$'9\$5':"4;5'6-&'5<%-:#  
K ]h h\YŪcYgcZŪi ]X]Wz  
=#64-4\$"2'-';-4<#%>':9#<#5  
?%#-. '1:'-4;'6"@#A'-B%-<#  
C4;#5<%9D-DE#A'\$8"1B8'4-\$1%#  
F-.#5'8#%','-&'\$8%"1B8  
l158'2"%,-%,\$8#5#-5"45  
G"%B#\$&"1%'2-9%9#5>'9\$'95'\$96#/'  
G"%E#-@#5'\$"<%14<8'-4;'2-EE  
+,-&A'\$"E#-@#D#894;'\$8#%'94;  
H2'-1\$164>'E#\$<89EE'DE-5\$  
+4;'#4\$#%A'\$"5:#-.'\$8%1'6#  
+B-945\$'\$8#9<&'\$9:5'"2',94;  
78#%'9@#%':-\$8',89\$#>'8-%,#4#;  
H@#%!',9\$8':1%9\$&A'-4;'-5,##\$4#55  
C5',8-\$D1\$'-\$5\$#A'5\$#,#;  
5VfcLKh\YVfYUjžgcZhŪU\_Yg  
H2#-%E&'H<\$"D#%'54",5  
l"&"1'4"\$2##E'9\$5'2%#584#55J'

!"#\$%&'()\*'

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

!"#\$%&'()\*""

: c`XgÜck `UbX`g`bXgW]a Y

01,2#3(&4#5,'6)#75,7#5&-6#+8#794:

;#<,"&7#=#, (#7&#)::>#75:#6+)>

?5,7#=(9'@)#, (&+'6#15,7#3&(4-:))A#5+)>

?5&+@5#7:((9=-:#,'6#)7(96:'7#;#@-&1#&1#7&#)::

5`d]YfM]b[ VfcgÿÜi g\ ]bVfi ]gb[ `a ]gyfm

H]Xnfi fb]b[ Ück YfgÿUgd]bXYcZUfcgY

B,"&7#6,(:#=#+7#<(:8#75:#):<(:7)#&':#>'&1)

0)#69C9':#49'+7:)=:#@9'#,'6#759'>#7&#<-4#=(

D&1'#75:#8:,-:6#(&8:)E#7594=-:#:):'<:#&3#4#=(

D(,1#+8#75(&+@5#75:#)7(98)#&3#2,('#4,@9<A#7&('

0#)>9#;##)-96:#&#-9>:#97F)#,-(:,62#=#:'#1&('G#

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

!"#\$%&'&"()\*"#

!"#\$%"&'()\*"

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

!"#\$%&#'()

012#+232'-4')#&5#1,4(#&#012#6,78#&5#,#12,9#,:2.  
YUfgLfy'a i hYXUbxYmYgLfY'U'hyfYXUbxhYVWU\_]b[  
,#714::29#(&784';#71,4(#&(#012#7&'72:0#&5#),'9#,(2  
#4#,#3,7,04&'#1&+)2#4')-+<)#&5#=#,4(&64>#7&'02  
<2'0#4)#+'-482-?#0&#62#),04,029#-482#014)#&#,#  
1,'9#@401#1&'(:#:+)12)#32(026(,2#5(&<#,#)84#)+40  
02<:04';#,)1#5&&0:(4'0)#,'9#92)4(2#0&#,#93,'72#,,;,'4')0

4'34)46-2#7+((2'0)#01,0#9&<4',02>#,'9#72--:1&'2)  
)7&&:#&+0#,#;2'2(,04&')#2<:,01?#7&')<29#6?  
012#2'9-2))#)7(&--4';#&5#)@4';#)20)#+04-4A29#0&  
)1,78-2>#014)#9?)0&:4,#4)#,#7&<5&(0,6-2#&'&  
92)7(4:0#&(4;4',-#:#+(:&)2#6,'9&'29#4'02'0  
4&,'--?>#40B)#27-27047#0&#(2'92(#2-270(47#20@&(8)  
,)#;,-)40#:(&,:;,'9,>#4')04'70#(4)2)#(&&029#4'#9234-B)#

<,((&@>#,#;(4'#5&,<)#&+0#5(&<#71228)#)&#4'0(4')4'  
0&#2C4)04';#40B)#-,+;1,6-2>#12,3?#2-6&@)#,'9#8'2:  
:,(0,82#4'#D&4'0#7+)0&9?#&5#,#6&9?#(,74';#,#<4'9  
#02012(29#0&#:#2):270432#4;'4029#6?#,'C420?>#(2  
<2'0#4)#<,'452)029#,)#012##4'52('&#4'74'2(,04';#,,)  
20)#01,0#7,+02(4A2#@1&-2#2'34(&'<2'0)#@401#,:;,'01  
YUfgLfy'gdYUfgLbxYmYgLfY]b[Ula YgjnYUfb]b[ 'hc Vc]

1+<,'40?#@401#+'(2E+4029#64002('2))>#4<:(4)&'29  
XYj] ]bj ]YgUÚfygcfaf 'cbhc ]bbcWbhcdYfUrcfg  
@1&#<2(2-?#)+((2'92(#0&#012#5(2E+2'7?#7&'0(&-  
-4';#0124(#6-4))5+-#-432)#40B)#)&#92:(2))4';>#,#)<4-2#  
012#5,7,92#&5#6,(4';#5,')#,'9#012#&'72#7&'4)02'0  
12,9#9232-&:29#&#(2;(2))29#4'0&#5+2-4';#,#12--))7,:;2  
34)46-2#0&#2?2)#<&-929#5(&<#)<&82>#<&92('40?#4)&-,029

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







+,-\$#%#./&'\$0#'.#12-2"3"4'4,\$#

5'62--'\$0#'\$"7"4'02-'0#,. '8"' .3280\$'

9"\$'63":238':0#3'#,;%&\$0238'4"#TG ".3280\$'

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

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

1&234523)6#,#)+73,2#)85--6#-593#.,(;&#<&=#4>3#(5?3(@#  
A>(5--3<#:>5-<(3'#)=52#4&#8-,B#=54>#54  
LbX'X]j Y]brc ]hgFYX!Vfck b ÚfYVVM gy'hY]f YnYgUfY bchinYhUW]b[ Zca hY'gcfaf "

C#\*+'36#4>3#)+')>5'3#5)#73,:>D:&-&(3<#,'<#-&?3<#4&#&#3'<E#  
-&?3<#5'#54)#5':&28-345&'6  
-&?3<#3?3'5'#4>3#=#,B#54#<53)6#8+'4+,-B6#,4#5';>4F,--@#

G>5-<(3'#,(3#4&#&#B&+';#4&#)83--#73(3,?323'4@  
G>5-<(3'#,(3#4&#&#&-<#4&#5;'&(3#54)#45-45#6%,88B@78'4@#  
CF#;(53F#5)#8,5'43<#&'#-593#4523#&'#,#:>5-<(3'H)#=#,4:>6#<&3)#54#:&+'4I#

A>3#(5?3(6#>3,?B#=54>#>5)4&(B6#7+(53)#>3(#7&<B#73F&(3#)>3#3?3'#9'&=#)4>,4#>3H)#,#7&<B#  
, '<#&4#,#)+73,2@

J&=6#4>3#:>5-<(3'#),?3#4>35(#43,)#5#',)3#&F#<(&+;>46  
)&#4>,4#4>3B#:',#)45--#=#,43(#4>3#(&)3)  
, '<#4>3#(+3@

K?3'5F#7(53F6#4>3(3#=#,#,#)+73,2@  
L#)2,-#4>5';6#B3)6#7+4#&4#,#F&(;&443'##&'3@#

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

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

!(1+)"&/\$2+

()%\*#+%  
!"#\$%&'(#)\*+, '-. //#. \$+"0"1', \$"%+#, '2%+\$\$#0'3&'4+"5-00+'6" ..-..+"-07'+, '%#8-%7#7'-, '-9-, \$#%:+#. #"1'  
9#7+#5-//+\$#%- \$;#%<'=.>" ,#\$"%#2%+\$#?'-@A'B\$"%&'C-', '-9"7#%0':"#9'3#.-, #'+\$':%#,#0\$, '-0'+0\$#%#,\$  
"0'\$>#'+9:"%\$-0.#"1';,+08'2"%7,'2#//<'E;%\$>#%9"%#A+'\$+, '5#%&'%#/#5-0'\$'" .;%%#0\$'\$+9#, A'2>#0'2#'#9:  
\$>#'+9:"%\$-0.#"1'. "99;0+.-\$+"0<'G>#"%"%+8+0-/'\$-/#7#\$-+/, '-0'#H.->08#3#\$2##0'-0'+0\$#//+8#0\$'-07'2#//l,: "D  
J-7"00-'K%#\$\$-'07'-D0+8>\$2>"\$;%0,";,\$\$"3#'-0'#H\$%#9#/#&':"%"', \$"%&\$#//#%<

K%#\$\$-2-, '\$>#':#%1#.\$', \$;7#0\$  
L+07A"3,#%5-0\$A'5#%&':%#;7#0\$  
B"9#'. "/7', -&A'-3+\$';:\$+8>\$  
?"+08'>"9#2"%D'\$+//9+70+8>\$

=2-, "0', ;.>7;/" ..-, +0  
B>#'%#. #+5#7'-0'+05+\$-\$+"0'  
G"-0"0/+0#7-\$+08', +\$#  
M>+.>'8-5#>#%'-, "/+7'1%+8>\$

6;\$>#%'1%+#07,A'>"2'\$>#&'0+, +,\$#7N  
007'\$>#+%'-\$\$+\$;7#, ':#%, +,\$#7  
G>+0D+08'\$>+, '2-, '5#%&', \$;:+7  
B>#7"20/"-7#7'KLP;:+7

O1\$#%'\$>-\$'\$#0'7-&,'2#0\$'3&  
=\$',##9#7'/'5#2";/7'0"\$3#0+8>  
M>#0'1 3>.,0% ,+jT Q 1+0,+\$#7N

01"23(",+45"6%57'8"9%,,5973%&  
\$3(",%:5"%1";%'<("=37";+("65'15973%&

>+92"73?5"25";%'75@"0'577+",+\*425<  
\$3("A%B5(@ "7258"7\*,8";5'5"+"9'+17  
\$3(";%'<(@ "7258";5'5"<3:3&5"+&<"&395  
\$3("(7%'35(@ "<57+3,5<"+&<"6'593(5

C175"+,, "72+7"D&3427"2+<";3775&  
0'577+";+("5E7'5?5,8"(?3775&  
F%"(25"3&(3(75<"%&"+ "<+75  
G%";2392"(25"9%\*,<("%"H+'5,8";+37

I+&95,,3&4"25"2%?5;%'B"6,+&(   
F25"(57"%\*7"7%"?557"25"'+&(   
J5'8"(%%&@"F3"D&3427"+"3:5<   
K&"+";+8"+"H37"9%&7'3:5<

H\Y`]a c\XXYY\I hfUÜJf`   
L%%"?\*"92M"0'577+"<3<&N7"9+5   
F25"(+7"<%;&"&5E7"7%"D&3427"3&"+;5   
< U ]b[ bchgYbUgjb[ `YÜk

\$5";+("65'1597@"(25";+("(\*'5   
C&<"2+<"+";%&<5'1\*",+,,\*'5   
OL5,, "+"(7%'8@P"+(B5<"0'577+   
D&3427"56,35<";372"+"OQ%\*"H577+P

D&%;3&4"2%";5,, "D&3427"9%\*,<";'375   
\$5"5E6597+73%&("5'5"&%7"(,3427   
R\*7"725&@";25&"25"H54+&"7%"7+,B   
S%%"T3(("0'577+";+("3&"(2%9B

L25'5"25"?\*?H,5<@"25'5"25"(7+,5<   
I%\*425<@"+&<"(7\*?H,5<@"(6+7@"+&<"<'+;5<   
O02"<5+'@"K"2+:5&N7"4%7"37"'3427P   
OS5'2+6("723(M"U%@"&%7"723(@ "&%7"V\*375P

C175";2+7"15,7",3B5"+&"575'&378   
01"(%?5723&4"1+"1'%"?7+937\*'&378

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

+%#\$\$,-%.#/0'123"45678'#3"4569:  
1;6.8'-,%'%./#'6,8'<##3'=#%&'%"4569:

1>'8\$.??'6,=#'6"@#A"%BC'>-,37'\$8\$,&0:  
1!?'#8#'?#\$'@#"4\$0'\$6,\$78',??>7??'8,&:  
D3.56\$'%#,?.E#/'A6,\$'6#%'A"%/8'@#,3\$  
F3/'\$6,\$'86#A,8'3"\$G4.\$#-'3\$#3\$

H,456.350'6#5"\$4\$'6.8'I6"3#  
J;"A6.-60'G4.\$#K%,3B?&0'6#A,8'I%"3#L  
F3/'8,./0'1!#%6,I8'.'A.??'A"%B<#8\$:  
1>K'A#5.=#=#%<,?'8I##-6','%#8\$:

F3/'.3',A,&'\$6,\$78'43I#%I?#M#/  
;6#&'="A#/'\$"\$,?B"3?&'\$6%"456'\$#M\$  
N.\$6'\$6.8!>#3/'\$6.8'<.E,%%#'\$,?#  
N6#%#8.?'#3-#6,I#3#/'\$"I%#=#,.?