

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

!'"#\$%&!'"#()#\$*(!+(,()-'.//122*,3/4!2..5/6527(,3//
0/89.(,/'!()*)!'!(+;,) <\$7+-'./

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!

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

!'"#\$%&'(%"#(%)(*#+,#)-\$%.&*)#&/0123)#(%.*#4(*)3#)320(&+/(1#%*)(%05#3&7&.(1#*+%.")11&/76#0+' '2/&."#(%.*#
)320(&+/#6(/3#8&2(1#%*)(%05#')..5+3+1+7&)*9#!"#02%)/.#*05+1(%*5&\$#)-\$1+%)#:#:(*#+,#)/8&*&+/#7#0+' '2/&."#
(*#5)#*\$0)#+,#; /+ :1)37)#\$%+320.&+/# :5%)#(.,21#*+0&(1#&/+8(&+/*#(/3#)\$3(7+7&0(1#%)1(&+/*#0(/#4)#<
&'(7&/)39#=#(' #(%.*#+/7#(38+0(.)+,#\$(0.&0)<1)3#%*)(%05#(/3#(.,21#0+' '2/&."#)/7(7)')/.9#

!'"#%*)(%05#3)*&7/(1*+0)/.%)*#(%.*<4(*)3#')..5+3+1+7&)*#.#)/(41)#(0&(1&>)3#7%+2\$*6#?&9)9#&' ' &7%(/.#*)/&+*%0#.#+
&/0%)(*)#5)&#&/8+18)')/.(/3#.+8+&0)#0+/0)/%#%#)1(.).3#.+ABC=D<EF#(/3#(/.&<G*&(/#% (0&* '#?*))#'"#HIHE#
\$%*)/.(.&+/#.+0+' '2/&."#')'4)*#&(/3#1+0(1#\$+1&.&0&(*@9#=#/(33&.&+/#6#&/#HIEJ#=#,(0&1&.(.3#(#'" '\$+*&2' K
!'"#\$%&'(#)*#+&' ,-.#'/0-1#K.5(.#4%+275.#.+7).5)#=#/3&7)/+2*#+2.5#(%&*.)*#(/3#,&1' '(;)*#&#/#(0+11)0.&8)#,+,%#
.+#)-(' &/)3)0+1+/#&>/7#\$% (0.&0)*#&/# '2*)2'#\$%+7%(' ' &/7#(/3#)/7(7)')/.9!

/
L5%+275#(MMNOA#P(%./)%*5&\$#Q/7(7)#R#(/.#<#ABC=D<EF#M\$)0&(1#=#.&.&8)2'3/%4\$5#+'657#2'!' *580-1'%'9+:'4'
; <=> (?@A'4*'"#54\$'"'-*+%B#5\$'14889*5%:'"9004\$'"#751#'"'C'DC'D<C'DCCE&=#\$(./)%#:#&.5# ! BMG=A6#+/)#+,#5)#
1(%7)*#/#+/\$#+,&#%#..1)')/.#+7/&>(.&+/*#&/#A(/(3(9#L5�+11(4+%(.&+/#\$#+8&3)*#+\$#+.2/&.&)*#.#+0+<0%)(.)#
)#%*)(%05<(0.&+/*#"/)7"#+%#0(\$.2&/7#&' ' &7%(/.#*)/&+*%#8&):*(/3#)-\$)%&)/0)*#32%&/7.5)#\$(/3)' &06#(/3#.#+
2\$%+.#0+' '2/&."#)#8&0)#/).: +%;*#,+*#%)/&+*%#5+275#3&7&.(1#*+%.")11&/79#=#02%(.).3#(#%*)(%05<0%)(.&+/#
)-5&4&.&+/#)/.&1)3#F#%#'\$4'; <=> (6#&/#B0.+4)#%HIHE9#?*)#&' ' &7%(/.#*)/&+*%#S#(/&' (.).3#*+&#)*T8&3)+#*(#(%.*<
4(*)3#%*)(%05#+2.\$2.*@#

"1' '-+ ,)' -! -&' "#)0' \$2- ', !)

HIHIUHIHH#####/'#\$%&'()*+,-./012"+'3'4(#5(6789:;<=#.(+&.#\$+(I.'(">&\$2# / /3.%'4(+300#\$(+&\$*%2&+?#
M+0&(1#M0&)/0)*#(/3#N2'(/&.&)*#0*)(%05#A+2/0&1#+,#A(/(3(#?MMNOA@#P(%./)%*5&\$#Q/7(7)#
R#(/.#?PQR@#ABC=D<EF#M\$)0&(1#=#.&.&8)V#WHX6III9#?A5&/7<A5&2#Y&/6#P%&/0&\$ (1#=#/8)*.&7(.+V#"
Z2&/0"# [(/76#A+<8)*.&7(.+V#P(%./)%#7/&>(.&+/# ! BMG=A@#

HIHH<HIHX# @&I\$.%.A(B"#>(">&@I.' #<#M+0&(1#M0&)/0)*#(/3#N2'(/&.&)*#0*)(%05#A+2/0&1#+,#A(/(3(#
?MMNOA@#P(%./)%*5&\$#D)8)1+\$')/.#R#(/.V#WHII6III#?O&.(#=#:/6#P%&/0&\$ (1#=#/8)*.&7(.+V#"
"348)%459)":"745;<=>46?>:@#:#&.5#+.5)#%HF#&/.)/(.&+/(1#0+11(4+%(+*#%+ '#A(/(3(6#G2*%(1&(6#
])+% : ("6#^(\$/6#(/3#_MG9#

HIE`UHIHE## C>&(C\$I. +*&\$+I)"4(D3E,(C#B1\$'+(I(.&B(/ #'&(#5)&I\$.%.A(5#\$(2# / /3.%'4(I\$'+(0\$12"2&#<#
M+0&(1#M0&)/0)*#(/3#N2'(/&.&)*#0*)(%05#A+2/0&1#+,#A(/(3(#?MMNOA@#P(%./)%*5&\$#R#(/.V#WEaF6I` `#
?A5&/7<A5&2#Y&/6#P%&/0&\$ (1#=#/8)*.&7(.+V#O&.(#=#:/6#G/&.(#M&/ /)%6#P).)#R%&' ')..6#A+<
&/8)*.&7(.+*%#9#b?L5&#%#%*)(%05#\$+#+(1#&#%#(/ ;)3#cH#+2.#+,#EE`#(\$1&0(&+/*#&/#5)#0+' ' &..))@#

0&! ,)' -! -&' "#)0' \$2- ', !)

HIIE`UHIEF# 7(61.1'1F(G&%/IA%.%.A(61.1'1.(9'&.'"4,(-6#+/#0#)"1.(-00\$#12>("#C&12>%.A(I.'(
&&I\$.%.A#?'

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

!''#\$%&&!() * '!(+,()-'./0/122*,3/4! !2,.5/6527(,3//
0/89.(,%/'!() * : '!(+;,() <\$7+-'./

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HIEHUHIEX# **J#3">(- \$"+(H\$12"%2&(I+(">&(H\$#' 32"%#. (#5(K. #B)&'A&(5#\$(6# / / 3. %"4(: &*&)#0 / &. "'?M+0&(1#
M0&)/0)*#(/3#N2 ' (/&.&)*#O)*(%05#A+2/0&1#+,#A(/(3(#?MMNOA@#=#&75.#D)8)1+\$ ')/.#R%(/.V#
Wha6HXh#?A5&/7<A5&2#Y&/6#P%&/0&\$ (1#=/8)*.&7(.+%@9#b?L5&*&#)*(%05#\$+\$+*(1#&*&#(/;)3#ch#+2.#+,#
Xa#(\$\$1&0(.&+/*#&/#.5)#0+ ' ' &..))@#**

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HIEHUHIEX### **6%"L&. +(5(C# / #\$\$#B,(9. *&+"AI"% . A(">&(9 / 012" (#5(6# / / 3. %"4(M& 'I(- \$"+(H\$12"%2&#.(
MISA%. I)%L&'(N\$EI. (J#3">'?M+0&(1#M0&)/0)*#(/3#N2 ' (/&.&)*#O)*(%05#A+2/0&1#+,#A(/(3(#
?MMNOA@#=#&75.#R%(/.V#WHEX6aJI"? i &.#R%(2)%6#P%&/0&\$ (1#=/8)*.&7(.+%V#^2(/#A9#**

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

!""#\$%&&!() * ' ! (+, () - ' . / 122*, 3/4 ! 2..5/6527(,3//
0/89 . (, % ' ! () * : ' ! (+, ;, () < \$7+ - ' . /

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P%&/0&\$ (1#&/8)*.&7(.+%#D%9# i &.#R%(2)%6#MMNOA#M.(/3(3#O)*) (%05#R%(/.#3CDDT?CD@DE'
A+/320.)3#%*) (%05#.(* ; *#&/0123&/7#1&.)% (.2%)#%#)8&) : 6#3.(#0+11)0.&+/6#3.(#(/(1" * &*6#(/3#%)\$+%.# : %&.)<2\$'

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' <=<?@D3)&==4=>?5>)G)" : HH854>I7B?=<C)" 8@@4D8!8H)J<;<A:K<@))

IeTHI Ih - IhTHI Ie#

_ /&8)%*&."#+,#=11&/+&*# (.# _%4/(<A5(' \$(&7/6#R%(32(.)#M05++1#+,#Y&4%(" # (/3#=/,+% ' (.&+/#M0&)/0)#?RMY=M@6# j #
_ /&8)%*&."#+,#=11&/+&*#Q-.)/*&+/#

P%+g)0.\#K49%B'; 4889*5%: '>*)4\$8-%51"6#,2/3)3#4"#.5)#=/*.&.2.)#+,# ! 2*)2 ' #(/3#Y&4%(" #M)%8&0)*#?= ! YM@#
P%&/0&\$ (1#&/8)*.&7(.+%#D%9#d)%.(' #A5&\$#d%20)6#D%9#Y&*(# ! #d+2&1&+/6#(/3#D%9#G//#d&*5+\$##
D)8)1+\$)3#*5(%) (41)#.05/+1+7"<')3&(.3#1)(%/&/7# ' +321)*#,+##/(.&+/:&3)#3&*)' &/(.&+/#(/3#2*)#4"#
05++1#(/3#0+ ' ' 2/&."<4(*)3#" +2.5#+%7(/&>(.&+/*V#& ' \$1) ')/.3#(/3#)8(12(.3# ' 21.& ')3&(#1)(%/&/7#
' +321)*#&/#. : +#\$&1+.#*&.) *#.5(.#%)\$%)* / .#2/3)%<*)%8)3#=11&/+&*#0+ ' ' 2/&.&)*#

)

" : HH854>I7B?=<C)0@:L<D>)J<;<A:K<@)G)' <=<?@D3<@))

IETHI Ih - #IhTHI Ih##

_ /&8)%*&."#+,#=11&/+&*# (.# _%4/(<A5(' \$(&7/6#R%(32(.)#M05++1#+,#Y&4%(" # (/3#=/,+% ' (.&+/#M0&)/0)#?RMY=M@6# j #
_ /&8)%*&."#+,#=11&/+&*#Q-.)/*&+/#J<N#k+2.5#D)8)1+\$ ') / .#

P%+g)0.\#U?V'

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

!''#\$%&&!() *'!(+,()-'. / 122*,3/4! !2,.5/6527(,3//
0/89.(,%/'!() *:'!(+;,() <\$7+-' ./

/

Q320(.&+/#G**+0&(.&+/9#

Y&/6#A9# j #d%20)6#d9#?HIEH@9#N+1&*.&0#.) (05&/7#+,#(%.# : &.5#.)05/+1+7''\#P%(0.&0(1# ' +3)1*#(/3#)/1(%7)3#.5)+%''9#=#/Y9#
A('\$4)11# j #M9#M& ' ' +/*#?Q3*9@6#, B#B#-\$%'4)'-\$%'#+91-%54*2'V465''51'-00\$4-1B#''%4'1\$#-%575%:&'5*%#H\$-%54*&'

- *+ %\$ - *''4\$8 - %54*#?\$\$9#XJU` a@9#] (.&+/(1#G%.#Q320(.&+/#G**+0&(.&+/9#
Y&/6#A9#?HIIF@9#d)" +/3#8&*2(1#1&.)%(0"#0+ ' \$.) /0&)*\#L)(05&/7#(/3#1)(%/&/7#(%.# : &.5#.)05/+1+7''#&/#.5)#71+4(1#
(7)9#=#/Q9#D)1(0#2>6#G9#G%/+136#G9# i 2+6# j # ! 9#P(%*+/*#?Q3*9@6# [64I-65`-%54*&'-\$%&' - *+ '#+91-%54*#?\$\$9#EF#E#
HIJ@9#] (.&+/(1#G%.#Q320(.&+/#G**+0&(.&+/9#

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\$>3<@)' <=<?@D3)'' :5>@4B8>4:5=

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

!''#\$%&!''#'()#\$*(! + (/ 122*,3/4 !2..5/6527(3//
0/89 .(,%/!'!) *:'!(+;,) <\$7+.' /

/

Y(: %)/0)6#^96# j #%459)"96# j #-% : &/6#O9#?HIE`6#G\$%&1@9#>8 -H#""0##1B'I-6644*"k'- *+'- \$%)96'\$#O\$##"##%-%54*2'; 4851''
-''75''9-6''*-\$-\$-%57#''4)'#-\$: 'I-\$##\$%#- 1B#\$'9#P(\$)%#(\$%)* /.)3#(.#5)#(//2(1#0+/8)/.&+/#+, #.5)#G')%&0(/#
Q320(.&+/ (1#O)*)(%05#G**+0&(.&+/#?GQOG@6# [(*5k/7.+/6#DA9#

P%)*.6#G96# j #%459)"9#?HIE`6#G\$%&1@9#K49%B'5*095\$:&'B#-65'H'- *+'14889*5%:'#*H-H#8#*%75-'\$#6-%54*-6'6#-\$*5*H'5*
%B#'- \$%'9#P(\$)%#(\$%)* /.)3#(.#5)#(//2(1#0+/8)/.&+/#+, #.5)#G')%&0(/#Q320(.&+/ (1#O)*)(%05#G**+0&(.&+/#
?GQOG@6# [(*5k/7.+/6#DA9#

D(8&)*6#G96#M.+;)*<d //)..6#D96#%459)"06#-% : &/6#Y96#N(/* '(/6#R96# j #L2%)/%6#D9#?HIEX6#] +8)'4)%@9# , B#'R#M'
, #-1B#\$'N#*%4\$5'H'G\$4e#1%2!'G-\$%*#B'50'-00\$4-1B'4'J956+5'H'-N#*%4\$5'H'; 96#9\$#'M5%B5*'J\$5%5'B'
; 4698I5-9#d%)(; +2.#*)**&+/#\$%)* /.)3#(.#5)#dA#M05++1#M2\$)%&(/.) /3) /.*G**+0&(.&+/#?dAMMG@#
0+/,%) /0)9#C(/0+28)%6#dA9#

%459)"96#-% : &/6#O96#D(8&)*6#G96#f(%#%D%1k/76#Y96#f(4)%#M96#] ('1+%6#A96# j # !0P5)%*+ /6# i 9#?HIEX6#^2/)@9#
G#+-H4H51-6!'""#8I6-H#2!'G-\$%*#B'50'!00\$4-1B'4', #-1B#\$'8#*%4\$'B509#M" '\$+*2'#\$%)* /.)3#(.#5)#
(//2(1# ')) ,&/7#+, #A/(3k(/#M+0&)."#, +%#5)#M.23"#+, #Q320(.&+/#?AMMQ@6#B..(: (6#B] 9#?M" '\$+*2' #
+7(/&>)%@#

%459)"96#Y)d1(/06#] 96# j #Y(1+/3)6# ! 9#?HIEX6#^2/)@9#; 5%5`#*''4)', 484\$4M2'K49%B'S804M#8#*%B\$49HB'N#+5-'
!\$%'G\$-I%5I#P(/)1#(\$%)* /.)3#(.#5)#(//2(1# ')) ,&/7#+, #A/(3k(/#M+0&)."#, +%#5)#M.23"#+, #Q320(.&+/#
?AMMQ@6#B..(: (6#B] 9#?P(/)1#+7(/&>)%@#

Y&/6#A9#?HIEX6#G\$%&1@9# , B\$49HB'%B#6#*''4)'5682'; #-%54*k'0-\$%5150-%54*k'0- *+'49%B'#*H-H#8#*%5*%B#'- \$%'9#P(\$)%#
(\$%)* /.)3#(.#5)#(//2(1#0+/8)/.&+/#+, #.5)#G')%&0(/#Q320(.&+/ (1#O)*)(%05#G**+0&(.&+/#?GQOG@6#
A5k0(7+6#-Y9#

%459)"06# j #R%(2)%6# i 9#?HIEJ6#G\$%&1@9#; 5%5`#*''4)', 484\$4M2'/415-6', \$-*)4\$8-%54*%B\$49HB'K49'B'N#+5- '! \$%'
G\$-I%5I#P(\$)%#(\$%)* /.)3#(.#5)#(//2(1#0+/8)/.&+/#+, #.5)#G')%&0(/#Q320(.&+/ (1#O)*)(%05#G**+0&(.&+/#
?GQOG@6#P5&1(3)1\$5&(6#PG9#

Y&/6#A9#?HIEJ6#^21"@9#K49%B'8#+5-'-'B#0\$4+9I%54*''4)'. *4M6#+H#)4\$'14889*5%:'#+#7#6408#*%9#P(\$)%#(\$%)* /.)3#
(.#5)#aJ.5# [+%13#A+/7%)***+, #.5)#= /.) / (&+/ (1#M+0&)."#, +%#Q320(.&+/ #.5%+275#G#.#?=/MQG@6# !)14+2%)/6#
G2*% (1k(9#

%459)"09#R%(2)%6# i 96#Y(1+/3)6# ! 96# j #d(%36#^9#?HIEJ6#^21"@9#; 5%5`#*''4)', 484\$4M2'N#+5-'-\$%'#+9I-%54*'- *+'
:49%B'#*H-H#8#*%9#P(\$)%#(\$%)* /.)3#(.#5)#aJ.5# [+%13#A+/7%)***+, #.5)#= /.) / (&+/ (1#M+0&)."#, +%#
Q320(.&+/ #.5%+275#G#.#?=/MQG@6# !)14+2%)/6#G2*% (1k(9#

%459)"0# j #R%(2)%6# i 9#?HIEJ6#G\$%&1@9#; 5%5`#*''4)', 484\$4M2'/415-6', \$-*)4\$8-%54*%B\$49HB'K49'B'N#+5- '! \$%'
G\$-I%5I#P(\$)%#(\$%)* /.)3#(.#5)#(//2(1#0+/8)/.&+/#+, #.5)#G')%&0(/#Q320(.&+/ (1#O)*)(%05#G**+0&(.&+/#
?GQOG@6#P5&1(3)1\$5&(6#PG9#

Y&/6#A9#?HIEa6#^2/)@9#K49%B'- *+'; 4889*5%:'(#7#6408#*%B\$49HB'; #-%57#G\$-I%5I#9#P(\$)%#(\$%)* /.)3#(.#5)#
(//2(1# ')) ,&/7#+, #A/(3k(/#M+0&)."#, +%#5)#M.23"#+, #Q320(.&+/#?AMMQ@6#C&0.+&6#dA6#A/(3(9#

%459)"0# j #R%(2)%6# i 9#?HIEa6# ! ('@'; 5%5`#*''4)', 484\$4M2'; 4*%*1%5'H'- *+'S*H-H5'H'W\$I-*K49%B'N#+5- '! \$%'
N#+5- '! \$%'P(\$)%#(\$%)* /.)3#(.#5)#(//2(1#0+/8)/.&+/#+, #.5)#A/(3k(/#M+0&)."#, +%#Q320(.&+/ #.5%+275#G#.#
?AMQG@6# ! + /.) (16#ZA6#A/(3(#

Y&/6#A9#?HIEa6#G\$%&1@9# (5H5-6''*-\$-\$-%57#''4)'a5\$%'R-%54*''K49%B'5*%B#''': 804''598'4)'K49%B'R#M'N#+5- '! \$%'k'- *+'
F#-\$*5'H'5*%B#! \$%'P(\$)%#(\$%)* /.)3#(.#5)#(//2(1#0+/8)/.&+/#+, #.5)#G')%&0(/#Q320(.&+/ (1#O)*)(%05#
G**+0&(.&+/#?GQOG@6#M(/#f#(/0k*0+6#AG9#

Y&/6#A9#?HIEH6#B0.+4)%@9#; 5%:'5*'N5*+2'W''5'H'8#+5-'-\$%'4\$':49%B'+#7#6408#*%'- *+'14889*5%:'-I%54*%P(\$)%#
(\$%)* /.)3#(.#5)#(//2(1#0+/8)/.&+/#+, #.5)#A/(3k(/#M+0&)."#, +%#Q320(.&+/ #.5%+275#G#.#?AMQG@6#
Q3' + /./+6#Gd6#A/(3(#

R%(2)%6# i 96#%459)"06# j)A(*. +6#^9#?HIEH6#G\$%&1@9#F#-\$*5'H'5*%G6-I''2'G\$4)56#''4)'14889*5%:'?I-'#+*#M'8#+5-'-\$%'
O\$-I%5I#9#P(\$)%#(\$%)* /.)3#(.#5)#(//2(1#0+/8)/.&+/#+, #.5)#G')%&0(/#Q320(.&+/ (1#O)*)(%05#G**+0&(.&+/#
?GQOG@6#C(/0+28)%6#dA6#A/(3(9#

Y&/6#A9#?HIEH6# ! (%05@9#K49%B'- *+'; 4889*5%:'(#7#6408#*%B\$49HB'; #-%57#G\$-I%5I#P(\$)%#(\$%)* /.)3#(.#5)#
(//2(1#0+/8)/.&+/#+, #.5)#] (&+/ (1#G#.#Q320(.&+/#G**+0&(.&+/#?] GQG@6#]) : #k+%; #A#.'6#_MG#
i 2*5%)/6#M96# j #%459)"0#?HIEE6# ! (%05@9# , #-1B5'H'N#+5- '! \$%'>'G9I651'/1B446'2'XB-%K49'R##+, 4'/911##+|#
P(\$)%#(\$%)* /.)3#(.#5)#(//2(1#0+/8)/.&+/#+, #.5)#] (&+/ (1#G#.#Q320(.&+/#G**+0&(.&+/#?] GQG@6#M)(.1)6#
[G6#_MG#'

