

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

( "##/0"1" 2 '3/-\$4'



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

( "##/0"1" 2 '3/-\$4'

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N\$0)41,#',>!0/4%04'I ] ,%,#7J'/%'6).7/07'  
5VV^\\5VVT'

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?#/40-,#'\*!0),,1',>'D 2 4#/;% ; 'Y40)% ,1,; /47'  
E0/-%;'\_#\$F"\$-4'6#,;#\$2'?/#40-,#'\*G !'/%' ( , 2 A"-4# '!0/4%04'Y,C7,%<'SU5V'  
\_#\$F"\$-4'6#,;#\$2'?/#40-,#'\*G !'/%'EAA1/4F'=%,#2 \$/-,%'Y40)% ,1,;. <'Y,C7,%<'  
SU5^\\'SUS5'  
6#,>477,#'Y,C7,%'Z%/@4#7/-.<'SU5V'\"  
E77,0/\$-4'6#,>477,#'I-4%"#4FJ<'Y,C7,%'Z%/@4#7/-.<'SU5^\\'SU5V'  
E77/7-\$%-6#,>477,#'Y,C7,%'Z%/@4#7/-.<'SUUR'e'SU5^'  
!,>-C\$#4'D% ; /%44#< c /A#, 'Y40)% ,1,; /47'5VVT'e'SUU^'I? "'<;J(6#, &40-'G\$%% ; 4#<  
!.7-4 2 7'E%\$1.7-<'EAA1/0\$/-,%7' ?4@41,A4#J

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94: "#4 2 4%-7'D% ; /%44#/%; '/%'=%,#2 \$/-,%'!.7-4 2 7' ?4@41,A 2 4%- 'I= ! ?J'  
!.7-4 2 7'E%\$1.7-'D>40-/ @4%477"  
?/7-#+"-4F'Y4\$2'C, #\*'/%'=%,#2 \$/-,%'!.7-4 2 7' ?4@41,A 2 4%--"  
K"\$1/-\$/-@4'9474\$#0)'G4-),F7'  
6,7/-@4'P# ; \$%/^\$-/,%\$1'!0),!\$#7)/A'  
] "2 \$%\ ( , 2 A"-4#= -4#>\$047'I ] (=!

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94: "#4 2 4%-7'D% ; /%44#/%; '  
(1,"F'( , 2 A"-/% ;'  
D\(\ , 2 2 4#04'  
] (='

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

( "#/0"1" 2 '3/-\$4'

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) +\*& ( %'0\*)!383'# ( 3!#3#%&2Q!/) '#&)%"0\*)%L!\_\*-&)%L!\*+!/)+\*& ( %'0\*)! ? %)%S# ( #)'>!BI>  
A:@@IAP!

^L , Q%'"#&0##>1P! ? \*\*.8>YP>Z\*5&8>WP! [ P! ! "#\$%#&'%()\*+, -\*! \ ! ] %%.&.0)>XP!E@:@:GP!  
/)+\*& ( %'0\*)!4#2Q)\*L\*S8!% . !\*&S%)0^%'0\*)%L!0)) \*7%'0\*)N! ] %% ( \*)0\*-3!0)+\*& ( %'0\*)!  
'#2Q)\*L\*S8!%++\*&.%)2#!%).!2\*-&%S#CK%3#.!%2'-%L0^%'0\*)P!4Q#!\_\*-&)%L!\*+!1'&%'#S02!  
/)+\*& ( %'0\*)!183'# ( 3!A:ABJIP'

!

BP , Q%<&%K\*&'8>\_P! ! "#\$%#&'%()\*+, -\*! "#QL0)S#&!\_P! \ ! ] &0'>\_P!E@:AHGP! "#30S)0)S!70.#\*!  
S% ( #3!+\*&!Q#!KL0).N!#3-L'3!+%)!# ( \$0&02%L!3'-.8P!6)07#&3%L!X22#33!0)!Q#!  
/)+\*& ( %'0\*)!1\*20#'8>AIEMG!9:JC9A9P!

!

IP ? %'Q#-3!4>1%-).#&3! ? PbPaP!%).!! "#\$%#&'%()\*+, -!E@:AIG! ? -L'0\$L#!"0( #)30\*)3!\*+!  
W\*5#&!/)+L-#)20)S!a)\*5L#.S#!/) '#S&%'0\*)!0)!1-\$\\$L8!2Q%0)3>

! "#\$%&\$%'( )\$\*#\$+, #- . ' ' ( "#/0"1" 2 '3/-\$4'

AFP ! "#\$%#&'%'( )\*+, -!1%&<#&!1P!%) . !1%&<#&!1P!E@ : A : G!X) !TU\$L\*&%'0\*)!0) '\*!'Q#!W&\*2#33!\*+!  
= #V-0&# ( #) '3!TL020%'0\*)N!X!Y&\*- ) . #. !X\$\$&%2Q>  
->



AFP ! "#\$%#&'%(\*)+,%).!1%<#&!1P!E@::HG!TU\$(#0#)'0%L!Z#%)0)S!+\*&!Q#!e`-'-#f!  
183'#( 3!X)%L83'3N!T++#2'07#!63#!\*+=\*L#CWL8!0)!Q#!2L%33&\*\*(>  
? \*)'&%L!, %).% !

ABP ! "#\$%#&'%(\*)+,%).!1%<#&!1P!%).!d%L%202Q>\_P!E@::HG!6).#&3%).0)S!X)%L83'!  
T++#2'07#) #33!0)!=#V-0&#( #)'3!TL020%'0\*)N!X!Y#3'!^'0!W#&3\$#2'07#>  
!">!1'!Y%LL#)>!  
150'^#&L%).P!

AIP ,Q%"#&#0##!1P!%).!! "#\$%#&'%(\*)+,%).!1%<#&!1P!E@::IG!X!120#)'0+02!d03-%L0^%'0\*)!X\$\$&\*%2Q!'\*!  
T++#2'07#D#K30#!'#30S)!>!  
!">X2%\$-L2\*>! ? #U02\*p!

AHP 1%<#&!1P! a 0<#K8>1P! ! "#\$%#&'%(\*)+,%).!1%<#&!1P!E@::IG!=\*%.!\*!e1'%'&.\*( f!)!  
YL\*K%LL8!"03'&OK-#.!4#%( 3N!X)!TU%( 0)'0\*)!\*+!%a)\*5L#.S#C2#)'#&.!W#&3\$#2'07#!  
-30)S!1\*20%L!b#5\*&<!X)%L8303>!  
!">!a\*)%>!] %5%00!61XP!

A9P ! "#\$%#&'%(\*)+,-%).!1%<#&!1P!E@::BG!a)\*5L#.S#!4&%)3+#+!Q&-SQ!63#&CX)%L83'!  
, \*LLK\*&%'0\*)!0)!=#V-0&#( #)'3!TL020%'0\*)>  
!">!c (%Q%>!b#K&%3<%>!61XP!!

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5L ? \*L0)%C ? \*&L#3!\_P11>! "#)S>ZP! "#QL0)S#&\_P! ! "#\$%#&'%(\*)+,%).! -%' )'Ca&%<#)N!X!  
? -%'0\*)!4#3'0)S!4\*\*L!+\*&a\*'0)P!/)W&\*2##.0)S3!\*+!AJ'Q!/) '#&%'0\*)%L!D\*&<3Q\*\$!\*)!  
? -%'0\*)!X)%L8303!E ? -%'0\*)!@:@F@? %8!@:@F!4\*&\*)'\*>, %).% .%

@P W#%2\*2<!1P! "#)S>ZP! "#QL0)S#&\_P! ! "#\$%#&'%(\*)+,-!X-\* ('02!TV-07%L#)'! ? -%)'3!  
, L%330+02%'0\*)!630)S!XK3'&%2'18)'%U!4&##!b#-&%L!b#5\*&<3P!/)W&\*2##.0)S3!/TTT!  
/)'#&%'0\*)%L!, \* )+#&#2#!\*)!1\*+'5%&#!4#3'0)S!d#&0+02%'0\*)%) .!d%L0.%'0\*)!  
D\*&<3Q\*\$3!E/, 14D@!@: @A>\$\$\$P!AMCA9!. \*0NA:PAA:Jh/, 14DB@BFF@:@AP:::AI!

MP Y)%3#<%&%)>!=PaP! ! "#\$%#&'%(\*)+,-! "#QL0)S#&\_P! "#)S>ZP!630)S!-#2-&#')!  
b#-&%L!b#5\*&<3!+\*&!, L%330+02%'0\*)!\*+!b%'&%L!Z%)S-%S#CK%3#.!b\*)C+-)2'0\*)%L!  
= #V-0&#( #)'3P!/)!\_\*0)!W&\*2##.0)S3!\*+=T`1oC@:@A!D\*&<3Q\*\$3!c\$#)=T>W\*3'##3!  
%).!4\*\*L3!4&%2<%).! " \*2'\*&%L18 (\$\*30- (>!

! "#\$%&\$%'( )\$\*#\$+, #- . ' ' ( "#/0"1" 2 '3 /-\$4'

I P " #)S>!ZP! " #QL0)S#&!\_P>!%) . ! ! "#\$%#&' %() \*+, -!4#%2Q0)S!1\*+'5%&#!4#3'0)S!50'Q!` &##!  
%) . !c \$#) !1\*- &2#!1\*+'5%&#P!A3'!/) '#&) %'0\*) %L!1\*+'5%&#!4#3'0)S!T . -2%'0\*) !D \* &<3Q\*\$!

!  
@P ! "#\$%#&'%()\*, -!E@ : AMG!Y#''0)S!-\*!Q#!1Q%LL3N!`%20L0%'0)S!1#)3#( %<0)S!0)!  
= #V-0&#( #)'3!T)S0)##&0)S>  
>! ? 0L%)!/'%L8P!  
!  
MP ! "#\$%#&'%()\*, -!E@ : A@G!e ] \* 5 !Y&\*- ) .#.!.5%3! ( 8!Y&\*- ) .#.!.4Q#\*&8N!W#&3\$#2'07#3!  
+&\* ( !Q#!&#70#5 !\$\*&2#33Pf!) 70#.!%L<%!'I'Q!/#&) %'0\*)%L!5 \*&<3Q\*\$!\*)!Y&\*- ) .#.!.  
4Q#\*&8!0)!/) +\*& ( %'0\*)!183'# ( 3!=#3%&2Q!c &%). \*!`L\*&0.%P!  
!  
FP ! "#\$%#&'%()\*, !E@ : A@G!eTU% ( 0)0)S!'Q#! ? c [ !\$Q#)\* ( #)\*)N!X!Y&\*- ) .#.!.  
4Q#\*&#02%L!X\$\$&%2Qf!) 70#.!%L<%!'I'Q#! "#\$%&'( #)!\*+! ? %)S#( #)'!/) +\*& ( %'0\*)!  
183'# ( 3!). !T)'#&#)#+&3Q0\$>!D%3Q0)S'\*!)1 '%#!6 )07#&30'8!  
!  
BP ! "#\$%#&'%()\*, !E@ : AAG!eX)!U\$L\*&%'0\*)!0)'\*!Q#! =#V-0&#( #)'3!TL020%'0\*)!W&\*2#33N!X!  
Y&\*- ) .#.!.4Q#\*&#02%L!X\$\$&%2Qf!) 70#.!%L<%!'I'Q#! , Q%0&!\*+!/) +\*& ( %'0\*)!183'# ( 3!  
T)S0)##&0)S>!Y\*#'Q#!6 )07#&30'8>!Y& ( %)8!\*)! ? %&2Q!@FP!

!

!

AP , \*C , Q%0&!1/YY4 ? !%) )-%L0)'#&) %'0\*)%L!5 \*&<3Q\*\$!\*)!Y4 ? !E@ : @@>@ : @MG!  
@P Y&\*- ) .#.!.4Q#\*&8! ? #'Q\*. \*L\*S8!, L0)02>  
!  
MP ! "#\$%#&'%()\*, +E@ : : HG!6 ) .#&3'%) .0)S!X)%L83'!T++#2'07#) #33!0)! =#V-0&#( #)'3!  
TL020%'0\*)N!X!Y#3'%'!`0'!W#&3\$#2'07#P!W&#3#)'#. !%!' "#\$%&'( #)'!\*+!/) +\*& ( %'0\*)!183'# ( !  
[ &\* 5 )![ %S>!D%3Q0)S'\*!)1 '%#!6 )07#&30'8P!  
!  
FP ! "#\$%#&'%()\*, +E@ : : IG!6 )#%&'Q0)S!'Q#!W&\*2#33!\*&= =#V-0&#( #)'3!TL020%'0\*)N!X!  
Y&\*- ) .#.!.4Q#\*&#02%L!X\$\$&%2Qf!)# . !%!' "#\$%&'( #)'!\*+!/) +1 ( '02) 6N&#+!/) - 1.) 2cmBT-&. 5 6 )2cm6

! "#\$%&\$%'( )\$\*#\$+,#-. '                   ( ##/0"1" 2 '3/-\$4'

WL

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

( "##/0"1" 2'3/-\$4'

=%^!! ] %3%)!

!

1\$&0)S!@:A@!

"##( %!XLC  
1#<%0'!

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

( "#\$/0"1" 2 '3/-\$4'

T&0<%! [ *&V-03'!		`%LL!@ :AM!
=% ( %) .##\$! 1%Q*'%'!		`%LL!@ :AM!
[ &% .L#8!" -#&L0)S!		1\$&0)S!@ :AM!
1 '#7#)!1-0'!		1\$&0)S!@ :A@!

" -3'0)!, %&\*LL!

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

( ##/0"1" 2 '3/-\$4'

!"#%\$&\$%'( )\$\*#\$+, #-.' ( "#/0"1" 2 '3/-\$/4'

DF/- ,#/!N,\$#F'G42+4#!'#"\$/%&(')( \*+, (ISU5[ 'J  
\_ "47-'E77,0/\$-4'DF/-,#'!"#\$%&(')( \*+, (7A40/\$!'/77"4', %': "\$1/-\$-/@4'24-) ,F7'ISU5[ '  
\J'  
\_ "47-'G42+4#'DF/- ,#/!N,\$#F<'!"#\$%&(')( \*; ;"F9&89%"()"\$(+%)"\$7&89%"(, :;8<7;'  
K! \*+, L'>, #-)0, 2/% ; '!A40/\$!'=77"4', %'= (Y'( )\$114% ; 47'\$%F'PAA, #- "%/-47'/%'  
+ "/1F/% ; '\$gN#/;) - !', 0/4-.hl''  
G/%/ \Y#\$0\* '0)\$/#'\*7 <\$9F&;(>"%)<\$<%F<() "\$(+%)"\$7&89%"(, :;8<7;-(N, 7-, '%GE<'  
SU5T'  
Y#\$0\* ' ( )\$/#<=%>, #2 \$-/ , '% ! . 7-4 2 7'\$%F'6, 7/-@4'P#; \$% /`\$-/ , %\$1'!0) , 1\$#7)/A<'  
6#%"M<&%(>"%)<\$<%F<("%(+%)"\$7&89%"(, :;8<7; <=7-\$%+"1'Y"##\*4.<'SU5[ '  
E77,0/\$-4'DF/- , #'6#%"M<&%(>"%)<\$<%F<("%(+%)"\$7&89%"(, :;8<7; -(SU5V<'SUSU<'  
SUS5<'SUSS<'SUSWL

=%>, #2 \$-/,%'! .7-4 2 7'=-4#%\$-/,%\$1'0,%>4#4%04',%'=%,#2 \$-/,%'! .7-4 2 7'I=(=!J<  
D"#,A4\$%'( ,%>4#4%04',%'=%,#2 \$-/,%'! .7-4 2 7'ID (=!J' ] \$C\$/='=-4#%\$-/,%\$1'  
( ,%>4#4%04',%'! .7-4 2 '!0/4%047'I ] =( ! !'

G4 2 +4#'6#47/F4%-b7'0, 2 2 /-44',#'-)4'X\$0"1-. ?4@41,A 2 4%-'(4%-4#L'  
( )\$/#A4#7,%<'( ,l14;4'( ,%"0/l<M477'\$%F'G/!F#4F'X/7)4#'( ,l14;4',>!0/4%04'\$%F'  
G\$-)4 2 \$-/07'Y,C7,%'Z%/@4#7/-.<SU5a'e'SU5['  
G4 2 +4#'( ,l14;4'( ,%"0/l<M477'\$%F'G/!F#4F'X/7)4#'( ,l14;4',>!0/4%04'\$%F'  
G\$-)4 2 \$-/07'Y,C7,%'Z%/@4#7/-.<SU5W'e'SU5['  
G4 2 +4#"Z%F4#;#\$F"\$-4='!A#, ;#\$2'( ,2 2 /-44' ?4A\$#-2 4%-,>( ,2 A"-4#'\$%F'  
=%>, #2 \$-/,%'!0/4%047'Y,C7,%'Z%/@4#7/-.<SUUR'\\"  
G4 2 +4#" \_#\$F"\$-4'6#, ;#\$2 7'( ,2 2 /-44' ?4A\$#-2 4%-,>( ,2 A"-4#'\$%F'  
=%>, #2 \$-/,%'!0/4%047'Y,C7,%'Z%/@4#7/-.<SUUR'e'"  
G4 2 +4#'?4A\$#-2 4%-\$1'M,+!4\$#0)'( ,2 2 /-44'SU5['  
G4 2 +4#'?4A\$#-2 4%-\$1'M,+!4\$#0)'0, 2 2 /-44'SU5W'  
G4 2 +4#'?4A\$#-2 4%-\$1'M,+!4\$#0)'0, 2 2 /-44'SU5S'

E77,0/\$-/,%',>=%>, #2 \$-/,%'! .7-4 2 7'IE=!J'  
E=!\!=\_ '\_#,%"F4F'Y)4,#.'G4-),F,1,;.'IG4 2 +4#',>D040"-@4'( ,2 2 /-44'  
SU5['\J'  
E=!\!=\_ '\_!.7-4 2 7'E%\$1.7/7'\$%F' ?47/;%'  
E=!\!=\_ '6)/1,7,A). '

## A a d /H

i , 2 /%\$-4F'N47-'ED'/%'Y#\$0\*8'=! ? '\$%F'6#, &40-'G\$%\$;4 2 4%-'=%-4#%\$-/,%\$1'  
0,%>4#4%04',#'=%,#2 \$-/,%'! .7-4 2 7' ? "+1/%<=#41\$%FL'  
D004l14%04'/%'!0),l\$#7)/A'EC\$#F<X/7)4#'( ,l14;4',>!0/4%04'\$%F'G\$-)4 2 \$-/07'  
Y,C7,%'Z%/@4#7/-.'  
!4l40-4F',#'-)4'SU5['6#483 .56 c 405<60. 24l07)/7)/7. 2 ()/7)(H( "-)02 (05<6(0)0. 2 )/7)-0. 2 EC

