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**90#&+\*%2/ %**

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PH/7#7Q230#%UEH23I%;(%A&' &;C(%` 9 E5I3H7#0IE230HZ5379 I2II"/1);J'5

N%)4+3)\*)\*3'0-%' E #'"+.'Q)\$%9'R\*'Q)&+'0#;.:%'=+-)..@&'=#\*0"/,0)#\*&'0#'=-")&0)+\*'60-)2&(% g2% !77%  
NH72(%45 F 5% F 7I/I(%0,-%+5% 1 232,2(%/-I5(%

[B000%?.0,3/I37(%2% 1 0332,2/%#0%40#"E/%Y#7:0#/(\\%Q+'=)M).0I'='+00#. )2+% ;K&ID 1 (% ,75%V ; ;W%A&'&;C\*% V&)LV))(%HEEOI\*IIXXX5#03282#E030EE7#23052EIO.E237#71000LG.0,3/I37L2L80332,2L/L#OLIO#"E/LQ#7:0#/1%

P.0, I#OE27, I\*

[B70/%?.0,32I(% 1 0332, /I(%0, -%Y#7:0#%h /O#EH(\\%Q+'=)M).0I'='+00#. )2+%6\*3.)&-'6( )0)#\*W(% ,75%;&' AR/3/9 : /.%&'&;C(%HEEOI\*IIXXX5#03282#E030EE7#2305379 1070/LG.0,32IL80332, /ILO, -LQ#7:0#L H/O#EHI%

[U#B000%?.0,32I37(%#OI% 1 03",OI%\$%#0%40#" -%Y#7:0#(\\%Q+'=)M).0I'='+00#. )2+%6( )2) \ \*%\*' 6&D+ ]#. 'AR232/9 : ./%)(&'&;C(%HEEOI\*IIXXX5#03282#E030EE7#2305/I&'&;1;&1')1/#LO000L G.0,32I37L#OIL803",OIL\$L#OLIO#" -LQ#7:0#1%

[ Fq.E2./I%-/%#0%B.7E/332r,%-/%6"/IE.0%NOIO%N79 s,(\\%Q+'=)M).0I'='+00#. )2+%6( )2) \ \*%\*'6&D+ ]#. ' A6782/9 : ./%W(%&'&;C(%HEEOI\*IIXXX5#03282#E030EE7#2305/I&'&;1; ;1'WI90.E2./IL-/L#OLO.7E/3327, L -/L, "/IE.0L30IOL379", I%

[ h /O#EH30./%B.03E23/%OE#EH/%U, -%7G% c2G/\*%+ - -./II2, Q% f 007I2E/%+EE2E" -/I%0, -%R28/.I/%N7, E/pEI(\\% =#\*2)., 49'5 -%'6\*( '#\$'Q)\$%9' E +I)\*3'O%\*%&'#\$'R, "'^)\*0, (%(F 5%Y." : /.(%c5%h7Q0,(%0, -%45% g ,0"II(%/-I5(% ,75%W%A&'&;C\*%VWLWW5%%

P.0, I#OE27, I\*

P.O. I#OE27. I\*

[B7IEH" 90,2I9 "I%2,%-/.%B70"#v.a"#E".\*%+,HO#E/, -/%h /.0"IG7.-/." ,Q/ ,(\%=#\*2).), 49'  
F\*I+ "\*"0)#\*')4 'D#&0c- , 4+\*%\*'d%)0+.0%"(%45%+ :.0H09(%S5%N0/.7%S "IE2##7I(%0, -%B7%h7%h "0, Q(%  
/- I5(%WK(% ,75%)%A&'&;C\*%&JVL&<&5%

[D#%B7IE" 90, /I297%, /##0%N"#E".0%B707#0./\*%4G2- /%+EE"0#2(\%=#\*2).), 49'T\*2+ "\*"0)#\*%')\*'  
, \*@6 "+ 'J! #&0K, 4+\*+<'45%+ :.0H09(%S5%N0/.7%S "IE2##7I(%0, -%B7%h7%h "0, Q(%/- I5(%WK(% ,75%)%  
A&'&;C\*%K&LJ)%tVV 'LVW;u5%

[U#%B7I" 90,2I97%/, %0%N"#E".0%B707#0.\*%R/I0Gx7I%/, %N".I7(\%=#\*2).), 49'Q+'6\*2+ "\*"0)#\*'  
%\*', \*+'6 "+ '! #&- , 4+\*+<'45%+ :.0H09(%S5%N0/.7%S "IE2##7I(%0, -%B7%h7%h "0, Q(%/- I5(%<;(, 75%)%  
A&'&;C\*%W<LK '%t)K;L)J&u5%

[N f 1DRL;<\*%+ %N.2I2I%0, -%0P.0Q/- \$^ TH0EdI% 6 /pEy(\%5-%#. #3)2+. '00, ( )%&%J&(%, 75%;%A&'&;C\*%; ;=L  
; )K5%

[+ .E2G2320#%D, E/##2Q/, 3/%2, %h /0#EH30./%S27/EH230#%NH0##/, Q/I%0, -%+00.703H/I(\%G&)+\*'>#")A#\*&9'  
I - + "4 + "4 'P#, "\*"0). '#\$'5-%#. #38%; V(% ,75%)%A&'&'C\*%=; WL=&K5%

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P.O. I#OE27.I\*

[47#2-0.2-0-%B.7G\_E230%O7.%



P.O. I#OE27. I\*

[+ %: "I30%- /% " 90%\_E230" ,28/.IO#\*% f %R73" 9 / ,E7%- /%& ' ' <%-0%N792IIj7%P/7#rQ230%  
D,E/. ,0327,0#%I7: ./ %0%#/2% ,OE" .0#(\%=#\*2).), 49' \_+0, "%A+ '- , 4+\*+%'.%) '\*+0, "+.(%c5%47X#/%  
NOH2##(%h5%h0a/.(%0, -%U5%F /II2%F /E7Q7(%/-I5(%))=(%,75%)%A&' ; 'C\*% ;&=L;))%tV&&LV&<u5%

[+##0%.23/.30%-2%" ,d/E230%" ,28/.IO#/\*D#%./3/ ,E/%-73" 9 / ,E7%- /##0%N79 92II27, /%E/7#7Q230%  
2, E/. ,0@27,0#/%I"##0%#/QQ/% ,OE" .0#(\%=#\*2).), 4\*% \_+0, "'+' , 4+\*+%'.%33%'\*+0, "+.(%c5%47X#/%  
NOH2##(%h5%h0a/.(%0, -%U5%F /II2%F /E7Q7(%/-I5(%V=(%,75%)%A&' ; 'C\*% ;V<L;WJ%tWW' LWWJu5%

[+ "G%- /.%4"3H/% ,03H%/2, /.%" ,28/.IO#/ ,%UEH2a\*%R0I%R7a" 9 / ,E% - /.%D,E/. ,OE27,0#/ ,%  
PH/7#7Q/ ,a79 92II27, %| : /.%-0I%60E"../3HE(\%=#\*2).), 49' \_+0, ""%2-0' ,\*( '4%\*&2-. )2-%'  
\_+0, "(%c5%47X#/%NOH2##(%h5%h0a/.(%0, -%U5%F /II2%F /E7Q7(%/-I5(%V=(%,75%)%A&' ; 'C\*%))<L)V=5%

[c0% :sIZ"/-0%- /%" ,0%\_E230" ,28/.IO#\*%U#%-73" 9 / ,E7%I7: ./ %0%#/\$% ,OE" .0#- /%& ' ' <%- /%#0%  
N792I2r, %P/7#rQ230%D, E/. ,0327,0#(\%=#\*2).), 49' \_+0, "+.%A+ '- , 4+\*+'8'.%8%'\*+0, "+.(%c5%47X#/%  
NOH2##(%h5%h0a/.(%0, -%U5%F /II2%F /E7Q7(%/-I5(%))=%A&' ; 'C\*% ;VWL;WV5%

[B7E.0Q0%@0%" ,28/.@0# ,79%/E2a79\*%R7a" 9 / ,E% F /-B T 50000.2(E)04-(." ,2)0(/)0.2(7#)0.2(7Q2)0.2 T Qq0.24000.



[ 6/" .7I32/ ,3/%0, -%PH/7#7Q230#%S27/EH23I\*%+ ,%D, E/ .-2I320#2, 0.\$%R20#7Q"/(\%2, %  
\_%, "#; )&&%\*%&2-+\$0%\*' )\*(%'' I )&I, &&#\*' ` 'G\*''%3, \*3%\*'A, 4 'S%)0%"(%\*I%\*'c'5-%'E#"+. 'H"+)\*9'\`'  
00)4 ,.)'\$#''^, "0-%''N%\$.%20)#\*(%45% F |##/.%0, -%B5!5% F 7.32, 2/3(%65%B7#Q0.(%/ -I5(%S27/EH2a%2, %- /.%  
R2Ia"II27, %1%S27/EH23I%2, %R2I3"II27, %V(%A T 2/, \*%?03"#E0I(%&' &&C(%&W

NH".3H%OI%4E29 "#2%G7.%0%4" IE02,0: #/%R/8/#709 /,EC(% T /#Ea2.3H/%", -% F2II27,%K(%AM/Q/,I: ".Q\*%  
?.2/- .23H%B" IE/E(%&' ;=C(% ;=VL; JJ5%

[+%M/ ,/X/-%h70/(\%2,%5-%'Q%3+28'#%Y+0)2+\*'FF<%

[h" 90,%Q/, /E23%./I/0.3H%E7-0\$%0, -%E7 97..7X\*%M/G#/3E2, Q%7, %/EH230#%0, -%I32/, E2G23%3H0##/, Q/I(\%2, %7%\*%0)2&<'5-%#.#38<'60-)2&9'G\*'F\*0%"(&2)D.)\*+ "8'=#\*M%'&+0)#\*(%c5%47X#/%NOH2##(/-5(%A6/X% m7.a\*N.7II.70-(%&' 'WC(%;=VL;K'5%

[B.73./0@27, /% 9 /-230# 9 /, E/%OII2IE2EO%2, %DEO#20%A F /-230##\$%+II2IE/-%B.73./OE27, %2, %DEO#\$C(\%2, %O, ..+' D"#2"%+A)#\*%'&&)&0)+(%B5%Y2" IE2, 20, 2(%/ -5(%S27/E230%/ 1 0#7.2\*% F /-232, 0(%-2.2EE7(%:27/E230%&)(% A6007#2\*%U-2@27, 2%432/, E2G23H/%DEO#20, /(%&' 'WC(%;V;L;K&5%

[+337900Q, 0./(\%37, -282-/ , -7%/-%2900.0, -7%AP7%+337900, \$%479/7, /%EH.7"QH%4H0.2, Q%0, -% c/0., 2, QC(\%2, %E'(%2)\*+%( '%0)2+'( )\$)\*%'M)0+(% F5%N7#E7.E2(%/ -5(%N/, E.7%D, E/." ,28/. IE0.27%-2% M23/.30%S27/E230(% i '0-./, 7%, 5%)(%A6007#2\*%Y20, ,2, 2(%&' 'VC(%&V)L&W;5%

[PH/%eI/%7G%Y/, /E23%D, G7.90E27, \*%+ "E7, 79\$%0, -%EH/%N79 97, %Y77-(\%2, %! ")M+28'+\*( '0-%' =#\*&0)0, 0)#\*(%Y#.B'T9'6.%20'##\*)2'OD%%2-'N)3-0&(%N7, E.78/.I2/I%2, %N7, IE2E"E27, 0#c0X(% F5F5% B#0I/, 320(%/ -5(%A6/X% m7.a(%c7, -7, \*%Y0.#0, -(%;<<<C(%&K&L&J'5%

%  
^#"0-2#4)\*3'/##I'2-+D0%"&)\*'D%%"Z'"M)%;%( 'M#., 4%&'

[+%R2I3/., 2, Q%S27/EH23I(\%2, %5-%'E#"+.'Y)&)#\*%'#! #D%'^'+\*2)&9' I )&0)\*20)M%'=#\*0"/, 0)#\*%&'#\$'0-%' ^)"&0'P%&, )0'! #D%(N5%g /##\$%0, -%g5U5%h /\$/.( /-I5(%A T OIH2, QE7, (%R5N5\*%Y/7.Q/E7X, %e, 28/. IE2\$% B./II(%&' & )C5%

[+, %D, 30., OE/ -%S27/EH23I(\%2, %>#4%\*+%?'+'5#\*8'E)\$&, ( 'OBPB<'15% - /%#0P7../%R20@%0, -%N5% F7, E/.7% f.OH0, 707"#7I(%/ -I5( A F0-.2-\*%R\$a2, I7, (%&' & )C5%

[?./2H/2E%" , -%2H./%Y./, @/, \*%U2, %/EH2I3H/I%Y/IO.v3H% 92E%- /, %6/" .7X2II/, I3H0GE/, \%A?./ /-79%0, -% DEI% c292EI\*%+, %UEH230#N7, 8/.IOE27, %X2EH%6/" .7I32/, 3/(\%2, %E%\*&2-'&%)\*)\*'d%0%\*'('%" 5"+\*%&\$#'"4+0)#\*9'6)\*%'0%"(&A)D.)\*p'"OD, '"%\*&, 2-%(%45% F |##/.%0, -%B5% F7.32, 2/3(%/ -I5(%M/#2Q27, % 0, -%P.0, IG7.90E27, %I/.2/I(%A T 2/, \*%S.2##(%&' &VC5%

%  
!%%"Z'"M)%;%( '+'0)2.%&')\*%'\*282.#D%( )+&'

[R2Q, 2Ez%" 90, 0\*%B0.E/%E230%AN0EE7#23/I297C%t h " 90, %R2Q, 2E\$%UEH23I%AN0EH7#23I9Cu(\%2, % 6\*2)2.#D%( )+'( )/'#%0)2+%%'&2)%\*A+'3), "( )2+B'Y#.B'q9' I +\*\*#'+..+'&+. , 0%'`' I , D.)2%'%\$\$%00#' J6\*282.#D%( )+'#\$'H)#%0-)2&'+'( 'P, "( )2+. 'O2)%\*2%&B'Y#.B'q9'>+'4'0##'>+%+.0-'`' I #, /.%'6\$\$%20K<'U5% 4Q./3320%0, -%+5%P0.0, E2, 7(%/ -I5(%A6007#2\*%U-2@27, 2%432/, E2G23H/%DEO#20, /(%&' ; ;C(%&JKL&<&5%

[N".0^3" ./%B0.E/%E230%AP7%N0./^

[40#"E/%Y#7:0#/%/S./8/EE2%AY#7:0#%h/0#EH%0,-%BOE/,EIC(\%F&0)0,0#'5''%22+\*)9'G0.+\*0%'`%00#'')%'  
=#''+.)(%F0.3H%K(%&'&&\*%  
[HEEOI\\*11XXX5E./330,252E190Q0@2,/10E#0,E/1I732/E014E7.2/,37.0#2,40#"E/,Q#7:0#/5HE9#5%](#)

[N f 1DRL;<%10332,0E27,I%0,-%EH/%N7997,%Y77-(\%7.#/+.'!,/.)2'>%+.0-'+'(0-%'=#44#\*'7##(''  
\_%;&.%00%''(S7IE7,%N7##/Q/(%?/:."0.\$%<(%&'&&\*%HEEOI\*11"I;V5309002Q,L

[ h/0#2, Q%+.EI(\%H#&0#\*'#=#..%3%'E+3+A)\*%(%KW(% , 75% )%A&' ;WC\*%W5%

[S27/EH23Ih/0#EH30./%P7023%4/II27, (\%! "#2%%() \*3&'#\$'0-%'=+0-#. )2'5-%#. #3)2+. '0#2)%08'#\$'  
G4%")2+'K' (% , 75% ;%A&' ;WC\*% ; '=L ; 'K5%

[S27/EH23Ih/0#EH30./%P7023%4/II27, (\%! "#2%%() \*3&'#\$'0-%'=+0-#. )2'5-%#. #3)2+. '0#2)%08'#\$'  
G4%")2+'=<(% , 75% ;%A&' ;VC\*% ; 'WL ; '=5%

[P29/%E7%e , 3#"EE/.\(%5-%'G"2-+\*3%.%K(% , 75% ;%A&' ;VC\*%&5%

[P.OIG7.90@27,2%,%OEE7%,/#0%.23/.30%Q/,/E230\*e,%E/,EOE287%-2%/EE".0%97.0#/%2,%09:2E7%30EE7#237%  
A f ,Q72,Q%E.0,IG7.90E27,I%2,%Q/,/E23%. /I/0.3H\*%+M790,%NOEH7#23%OEE/9OE%E7%97.0#. /G#/3E27,C(\%  
HEEO\*11XXX52EO#20,2/" .70/252EI-73"9/,E2I2E/91JVLO,-./OL8232,2L2,E/.8/,E7LO#LI/92,0.27L:27/E237L  
-20#7Q7LI"##OL82EOL"90,05HE9#yG7.90E•HE9#k#0,Q•2EkG7,ELI2@/•-/GO"#E%A!0,"0.\$%&<(&' ')C5%

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H##I''%M)%; &'

M5 T 5% c782,%0,-%!5% F 0"#-2,(%/ -I5(%5-%RX\$#('>+\*( /##I'#\$'N%) \*-#.( '\_)%/, -'%A f pG7. -% f pG7. -%  
e ,28/.I2E\$%B./II(%&' &;C(%5-%#. #3)2+. '00, ( )%&%J)(%,75%;%A&' &&C\*%; J&L



A6/Xm7.a(c7, -7, \*N7, E2, "" 9(%&' ; 'C(N)M)&0+'(')5%#. #3)+'E#'+.%V)(%, 75%; =<5; %A&' ; ; C\*% ; ; WL ; ; J5%  
F5!5%40, - /#(%=#\*0''#'+ '!%''\$%A)#\*%9'Q@60)2+'\*%..@60['(%..@F\*3%3\*%)'+ '7%\*%0)2+(%P.0, I2@27, 2(%  
A F 2#0, 7\*% 1 2E0%/ %B/, I2/.7(%&' ' JC(%t7.2Q5\*%5 -%' =+&%'+3+)\*&0!'%'\$%20)#\*9'60-)2&')\*'0-%'G3%'#\$'  
7%\*%0)2'6\*3)\*%%"\*3(%AN09 :.2-Q/(% F +%0, -% c7, -7, \*% h0.80. -% e ,28/. I2E\$%B./ II(%&' ' KCu(%  
N+&&%3\*+'(')5%#. #3)+ ^W; (% ,75%)%A&' ; 'C\*%W; &LW; W5



R5N5% F 0Q"2./%0, -%+565%?0.Q, 7#2(%Q@%0)2+'2#4%'+'0%'2#4%'&2)%\*A+\*%C\*'4%0#( #'D%'M+. , 0+ '%' )'  
D"#!/.%4)'4#"+.)



NOEH7#23%M/I/0.3H%e ,28/.I2E2/I%A4+NMeC(%e ,28/.I2Ez%NOEE7#230%-/#%403.7%N"7./(%F 2#0,7(%DEO#\$(% !"#S%;)(%&'&V5%

[M0./%Y/,/E23%R2I/OI/I\*%UEH230#%NH0##/,Q/I(\%>+4).0#\*%084D#&),49'N+""%7%\*%0)2'I )&%+&%&< \_+""+0)M%&'+'( 'I )&2#M%")%&(%S7IE7,%N7##/Q/(%F0\$%W(%&'&)&5%

[R/37,IE."3E28/%0,-%N7,IE."3E28/%N7,E.2:"E27,I%E7%6/" .7I32/,3/(\%B0,/##=")0)2+.'!%"&D%20)M%&9' \_%, "#&2)%\*2%<'E#" .)08<'+'('!#. )0)2+.'62#\*#48'\_%, "#%0-)2&'+'( '5-%#. #38<!q 'G\*\*,+.' E%#0)\*3'#\$'0-%'0#2)%08'#\$'=-')&0)+\*'60-)2&(%NH230Q7(%!0,"0.\$%K(%&'&)&5%

[P/#/H/O#EH%S/\$7,-%EH/%B0,-/923\*%PH/%h"90,%T7.a%7GB.290.\$%h/O#EH30./%N799",230E27,(% M/#OE27,IH2OI(%0,-%EH/%10#"/%7G%EH/%h"90,%2,%B.290.\$%NO./\%AX2EH%F5%f dM/2##\$!037:C(% OF76=O'084D#&),49'=#44,\*)2+0)#\*%<'6(,2+0)#\*%<'+'('!,/.)2'6\*3+3%4%\*0(%43H2##/.%D,IE2E"E/%G7.% D,E/Q.OE/-%432/,3/%0,-%4732/E\$(%S7IE7,%N7##/Q/(!0,"0.\$%&=(%&'&)&5%

[+%R2I3/.,2,Q%S27/EH23I(\%60-)2&'O%4)\*+("%PH/7#7Q\$%R/OO.E9/,E(%S7IE7,%N7##/Q/(%?/:."0.\$%&V(% &'&V5%

[4E.282,Q%G7.%B/.I7,0#%0,-%47320#%h/O#2,Q(\%N7,G/./,3/%C&)\*3'0-%'Q)/%"+.'G"0&'0#%6XD.#""+'+' >%+.'\$"#4'E#"+'I )&0'%"&&(%D,IE2E"E/%G7.%EH/%c2:/0#%+.EI(%S7IE7,%N7##/Q/(%F0.3H%&V(%&'&)&5%

=#\*M%\*%""

N7,7.%F5%g/#\$%0,-%+,-./X%g29(%[N7,I02.2,Q%G7.%N799",2E\$%PH/%D90#232E%D90Q2,0.2/I%R.282,Q% N7,I02.03\$%LPH/7.\$%B7#2E23I%0,-%D,E.03E0:2#E\$%2,%N2823%R2I37".I/(\%{q 'G\*\*,+.'E%#0)\*3'#\$'0-%' O#2)%08'#\$'=-')&0)+\*'60-)2&(%NH230Q7(%!0,"0.\$%=(%&'&)&5%

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[M/#OE27,IH20%432/,3/%G7.%S"2#-2,Q%F/O,2,Q%0,-%B".07I/%2,%B.290.\$%NO./%N7,/,/3E2,Q%E7%N7./% B.2,320#/%I%7G%?092#\$%F/-232,/\%AX2EH%S%UX2Q90,(%+5?5%4H0"QH,/IIS(%M5%UE@(%Y5%g./OI(%N5% 80,%62/"X/./:."QH(%+5B5%R"QQO.C(%nV&0'\_'#''0-'G4%")2+'!')4+'8'="+%'N%&%+2-'7'##,D% A6+BNMYC%G\*\*,+.'E%#0)\*3(%40,%?%.0,32I37(%f3E7:/.)%)'L678/9:/.)(%&'&)&5%

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G2+(%4)2'.%20,%%&'

[M/G#/3E2,Q%7,%h"90,%?./-79%\*6/" .7I32/,3/%0,-%UEH23I%2,%R20#7Q"/(\%60-)2&'O%4)\*+("% PH/7#7Q\$%R/OO.E9/,E(%S7IE7,%N7##/Q/(%F0.3H%;J(%&'&)&5%

[4E/9%N/##M/I/0.3H%NH.2IE20,%UEH230#%N7,E.2:"E27,I(\%T7.aIH70(%H%8#\*( 'H)#.#389'00'4'=%..&)\*' !-).#&#D-8<'5-%#. #38<'60-)2&'+'( '62#\*#4)2&(%U" .70/0,%N770/.OE27,%2,%432/,3/%0,-%

P/3H,7#7Q\$%N f 4P%+3E27,%;=&' )%0,-%F+MD4PUF(%S27#7Q\$%R/OO.E9/,E(%e ,28/.I2E\$%7G%B0-"0% ADEO#S\$(%c0)a7%A4#78/,20C(%F0.3H%&&(%&'&)&5%

[47320#%0,-%U,82.7,9/,EO#%!IE23/(\%B0,/##(H=z=R!'9'^+2,.08'!'&D%20)M%&'+'( '0-%'=. )4+0%' =-+\*3%'=#\*\$%'%\*2%&(%S7IE7,%N7##/Q/(%F0.3H%&V(%&'&)&5%

[T f(C)T j 105E T Qq0.24000.24 12cmB T 5000B T 500cm50244.0002- 1 62(3)0.2(E-0.2(U)0.2(E)03%)00.2(!)0#F %8 T m2(

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\*)'

[PH/%S27/EH230#N7,E.2:"E27,I%7G%B70/%?.0,32I(\%5-%'E#"+.'5-%#. #38'#\$'! #D%'^'+\*2)&9'  
6XD+\*( )\*3'0-%'CBOB'N%2%D0)#\*'#\$'0-%'^)'&0'P%&, )0'! #D%<'S7IE7,%N7##/Q/(% f 3E7:/.% ;W(%&'&&5%  
[PH/%UEH230# e.Q/,3\$%7G%+--./II2,Q%Y#7:0#B#0IE23#B7##"E27,(\% T /:2,0.\*!#.,0)#\*'+\*( '7.#/+.'  
>%+.0-9'F4D+20'#\$'!.+&0)2'!"#(,20)#\*(%4E.OE/Q23%+##20,3/7G%NOEH7#23%M/I/0.3H% e,28/.I2E2/I%  
A4+NMeC(% f 3E7:/.% ;<(%&'&&5%  
[NO.2,Q%G7.% f ".%N7997,%h79/%\*?.79'Q+, (+0#%'0)@%E7%Q+, (+0#%'0)@'G20)#\*!'!.+0\$##"4(\ '7.#/+.'  
F4D.)2+0)#\*%&'#\$'=. )4+0%'=-+\*3%(%U,82.7,9/,EO#4E"-2/I(%S7IE7,%N7##/Q/(% 678/9:/.% ;(%&'&&5%  
[47320#!" IE23/%0,-%PH/7#7Q230#S27/EH23I\*NHO##/,Q/I%0,-%+00.703H/I(\%0#2)+.'P,&0)2%)'\*P%&, )0'  
=#\*0%X0&(%NO.7#\$,%+5%0,-%B/E/.%45%c\$,3H%43H77#7G%U-"30E27,%0,-%h"90,%R/8/#709/,E(%  
S7IE7,%N7##/Q/(%R/3/9:/.%<(%&'&&5%

! #&0%"&'

[N\$: / .E/3H,7#7Q\$%0,-%EH/%N7997,%Y77-%\*NHO##/,Q/I%G7.%h/0#EH30./%0,-%EH/%U,82.7,9/,E(\% {o'  
G\*\*,+.'E%0)%\*3'#\$'0-%'0#2)%08'#\$'=-)&0)+\*'60-)2&(%!0,"0.\$%<(%&'&&5%  
[oR7,dE% T7. .\$%m7"%NO,%P."IE% F /d#D,-230E7.I%7G%EH/%M7#/%7G%P."IE%2,%M/I2-/ ,EId%M/G#/3E28/%  
T.2E2,Q(\%AX2EH%+5?5%4H0"QH,/IIS(% F5% f dM/2##\$L!037:(% F5%nQ".@\$ ,Ia2(%+5?5%R"QQ0,C(%TU'  
F\*0%)\*'+0)#\*+.'=#\*\$%''%2%#\*'=#44,\*)2+0)#\*')\*'%>%+.0-2+''(%Y#OIQ7X%NO#/-7,20,%e,28/.I2E\$(%  
Y#OIQ7X(%e g (%=L<4/OE/9:/.%&'&&5%

[ T.2E2/,%M/G#/3E27,I%D,-230E28/%7G%P."IE%D90#230E27,I%G7.%P/#/9/-232,/%0,-%M/#OE27,0#P."IE\  
AX2EH%+5R"QQ0,(% F5% f dM/2##\$L!037:(% D5%nQ".@\$ ,Ia2(%0,-%+5?5%4H0"QH,/IIS(%nU'\_#'-'  
G4%))2+'!')4+'8'='+''%N%&&+2-'7'#,D%A6+BNMYC(%BH7/,2p%+n(%678/9:/.% ;JL&&(%&'&&5%

=#\*M%\*%''

6 IE7.% F /-2,0(%[N7#7,2@OE27,%0,-%M0320#2@OE27,%\*PH/%N7,IE."3E27,%7G% F7.0#2E\$%2,%N7#7,20#cOE2,%  
+9/.230(\% {o 'G\*\*,+.'E%0)%\*3'#\$'0-%'0#2)%08'#\$'=-)&0)+\*'60-)2&(%82.E"0#(%!0,"0.\$%=(%&'&&5%

^+2.)0+0#''%

M7:2,% T5%c782,%0,-%!7IH"0 F0"#-2,(%/I5(%5-%%RX\$##"('>+\*( /##I'#\$'N%)\*-#.( '\_)%/, -'%A f pG7.-%\*  
f pG7.-%e,28/.I2E\$%B./II(%&'&& ;C(% {o 'G\*\*,+.'E%0)%\*3'#\$'0-%'0#2)%08'#\$'=-)&0)+\*'60-)2&(%82.E"0#(%  
!0,"0.\$%K(%&'&&5%

&'&;%

G2+(%4)2'.%20, ''%&'

[+% 12I27,%7G%EH/%Y77-%2,%B.73/II%B.797E2,Q% THOE%DI%Y77-%G7.%+##(%U8/.\$XH/./(\%B0,/##% [R7/I%  
!"IE23/%M/Z"2./%0#N7,3/OE27,%7G% 67.90E28/%h"90,%60E" /y%NH.2IE20,%47320#UEH23I%2,%EH/%+Q/%  
7G%D,-/E/.92,03\$(\%Y)"0,+.'G\*\*,+.'E%0)%\*3%4732/E\$%7G%NH.2IE20,%UEH23I(%!0,"0.\$%V(%&'&&5%

[PH/%N7.7,082."I%B0,-/923%UEH230#NHO##/,Q/I%2,%Y#7:0#B":#23%h/0#EH(\%Y)"0,+.'G\*\*,+.'  
E%0)%\*3%4732/E\$%7G%NH.2IE20,%UEH23I(%!0,"0.\$%K(%&'&&5%

[NO.2,Q%G7.%EH/%UO.EH(\%6\*M)"#\*4%\*0+.'60-)2&(%?02.G2/#-%e,28/.I2E\$(%?02.G2/#-(%NP(%?/:."0.\$%&(  
&'&;5%

[PH/%N f 1DRL;<%Y#7:0#B0,-/923% THOE% T /%0./%c/0.,2,Q%P7-0\$%0,-%G7.%EH/%?"E" /(\%B0,/##%  
=RYFIZVe9'!'%&D%20)M%&'\$"#4'5-%#. #38<'H)#%0- )2&<' +\*( '!#D, .+0)#\*'%>%+.0-(%40.2,Q%&'&&5%  
?#0, ,/.\$% T /:2,0.(%Y7,@Q0%e,28/.I2E\$(%407a0,/(% T +(%)?/:."0.\$%J(%&'&&5%

[M/G#/3E2,Q%UEH230##\$%7,%EH/%N7.7,082."I%Y#7:0#B0,-/923(\%!E,&.)4Z=-)&0)+\*'I)+.#3,(%  
6OE27,0#N7",32#7G%NH".3H/I%0,-%EH/%e545%N7",32#7G% F "I#29% f .Q0,2@OE27,I(%?/:."0.\$%;'(  
&'&;5%

[PH/%UEH230#c/II7,I%7G%EH/%N f 1DRL;<%B0,-/923(\%Y)"0,+.'Q%20, ''%0%)"%&(%12#,2" I(%c2EH"0,20(  
!"#\$%&(%&'&&5%







[+ --./II2, Q%0, -%M/I7#82, Q%N790#P%UEH230#DII"/I%2, %BO##20E28/%0, -%U, -L7GL#2G/%NO./%42E"OE27, I(\% Q%+(%"&-)D')\*F\*0%")(&2)D.)+\*'8'!+..)+0)M%'=+"%( T 2##209%?5%N7, , /##%43H77#%7G%6 ".I2, Q(%S7IE7, % N7##/Q/(% F 0.3H%;<(%&' ;J5%

[NOEH7#23%B/.IO/3E28/I%7, %U, -L7GL#2G/%NO./(\% I %+0-'+' I 8)\*3(%43H77#%7G%PH/7#7Q\$%0, -% F 2, 2IE.\$(% S7IE7, %N7##/Q/(% F 0.3H%&'(%&' ;J5%

[M20/, IO./%#O%N./0@27, /(%#dD, 30., 0@27, /(%#O%M/-/, @27, /%/#d+Q2./% e 90, 7%AM/EH2, a2, Q%N./OE27, (% D, 30., OE27, (%M/-/9OE27, %0, -%h " 90, % +3E27, C(\%6'&%%&)&0%&&%'+M)0+'+.)%%\*+s'=-%'2#&+' 2+4 /)%"/%/%\*%..+'\*#&0'+D%"2%A)#\*%'( ) I)#s'A T HOE%2G%+2/, %c2G/%Up2IE/-y% T HOE% T 7"#- %NH0, Q/ 2, %7".%B/.3/OE27, %7G%Y7-yC( '?/IE280#S2:#237%AS2:#230#?/IE280#C(% 1 /.7, 0%ADEO#\$(% F 0\$%W(%&' ;J5%

%  
!, /.)2'D"%&%\*0+0)#\*%&'

[Y#7:0#B":#23h/O#EH(%4"IE02,0:2#2E\$(%0, -%6/X%S27E/3H, 7#7Q2/I\*%+%N790./H/, I28/%+Q/, -0%2, % PH/7#7Q230#S27/EH23I(\%N%&%+"2-'RDD#"0, \*)0)%&'\$#"C\*(%"3"+(+0%&'!+\*%.(%YO:/##2% B./I2-/ , E20#%43H7#0.I%B.7Q.09(%S7IE7, %N7##/Q/(%?/:."0.\$% ;(%&' ;J5%

[P/03H2, Q%OI%O#c782, Q%0, -%h " 9 :#2, Q%U, 37" ,E/.\%Q#M%'+'( '62&0+&89'64D08)\*3'0-%'0%. \$<' 6\*2#, \*0%")\*3'0-%'R0-%"9%W '+\*\* , +.'Q, 4%\*%0'Y)0+'7"+(+0%'00, (%\*0&'OD")\*3'=#\*%\$"'%\*2%( % 43H77#%7G%PH/7#7Q\$%0, -% F 2, 2IE.\$(%S7IE7, %N7##/Q/(%?/:."0.\$%)(%&' ;J5%

[PH/%NOEH7#23%NH".3H%P7-0\$%R2I3/., 9 / , E%0, -%R/3I27, L F 0a2, Q(\%0+)\*0'5-#4+&'E#"%'0#2)%08(% S7IE7, %N7##/Q/(% f 3E7:/.% ;(%&' ;J5%

[S27/EH23I%P7-0\$%+00.703H/I(%R/8/#709 / , EI(%0, -%NH0##/ , Q/I(\%H"#0-%"' I +M)( 'OB'H+3)\*&I' 02-#+&'!'#3"+4%OE%EH/%N/ , E.0#%NOEH7#23%h2QH%43H77#%2, %B2EEI: ".QH(%B+(%S7IE7, (% f 3E7:/.% ) ;(% &' ;J5%

,  
!#&0%"&'

[N\$: /.E/3H, 7#7Q\$%2, %h /O#EH30./%0, -%EH/%U, 82.7, 9 / , E%E7%B.797E/%EH/%N7997, %Y77-(\%0)0, +0)\*3' E#"+' I %M%.#D4%\*0)\*'GDD.)(!'#\$%&&#\*%&'9'5-%'N%.#'\$'60-)2&')\*0-%' I )&2)D.)%&'#&'



!#&0%''

[ f , %EH/%D , , / . %c2G/%7G%BH\$I2320, I%0, -% h " 90, 2IE23% + IO/3EI%7G% F / -232, /%\*%+ , 0#\$I2I%7G%?092#\$%  
F / -232, /%M/I2- / , EId% T .2EE/ , %M/G#/3E27 , I%AX2EH%+5?5%4H0"QH, /IIS%0, -%+5%R "QQ0, C(\%  
F\*0%''\*+0)#\*+. '=#\*\$%''%\*2%'\$#''=#44 , \*)2+0)#\*')\*>%+.0-2+'%0, - '>%+.0- 'Q)0%''+28'G\*\* , +. '  
N%&%+'2- '=#\*\$%''%\*2%(%SO#E297. / (%FR(%f3E7: / .%<(%



[U, -%7G#c2G/%N0./%PH/%M7#/%7G%U97E27, I(\%>, 4+\*'I)3\*)08'+0'0-%'6\*( '#\$'Q)\$%0'5-%'Y)0+. 'N#. %'#'\$  
0-%'>%+.0-2+'%'! "#\$%&&#)\*+.(%4E5%N092##" I\h 7I023/(% T 0" X0E7I0(% T D(% 678/9 :/.% ;V(%&' ;W5%

%

=#\*M%\*%'''

R0.#/, /%?7@0.-% T /08/.(% [+07#7Q2/I(%Up3"I/I(0, -%Up0#0, 0E27, I\*% F 0a2, Q%4/, I/%7G% T .7, Q-72, Q%  
0, -%DEI%D 907.E%G7.% F 7.0#D-/, E2E\$(\%n{ 'G\*\*+, .'E%%0)\*3'#\$'0-%'0#2)%08'#\$'=-')&0)+\*'60-)2&(!  
NH230Q7(%!0, "0.\$%<(%&' ;W5%

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^+2.)0+0#'''

S./, E% T 0E/.I(%=-')&0)+\*'E#''+. '5-%#. #38')\*0-%'64%'3)\*3'5%2-\*#2, .0, "%9'^"#4'! #&0-, 4+\*'H+2I'  
0#>, 4+\*'<' +IHQOE/%432/, 3/%0, -%M/#2Q27, %4/.2/I(%AS" .#2, QE7, (% 1 P\*%+IHQOE/(%&' ;VC(%n{ 'G\*\*+, .'E%%0)\*3'#\$'0-%'0#2)%08'#\$'=-')&0)+\*'60-)2&(!NH230Q7%!0, "0.\$% ;'(%&' ;W5%

&' ;V%

G2+(%4)2'.%20, "%&'

[R72, Q%PH/7#7Q\$%2, %P7-0\$dI%NH".3H(\%Q)2%\*0)+0%'=#..#f, ), 4(%43H77#%7G%PH/7#7Q\$%0, -% F 2, 2IE.\$(%  
S7IE7, %N7##/Q/(%?/:."0.\$%&'(%&' ;V5%

[DI% P.0, IH" 90, 2I9%0% h/%OG"##+, IX/.%E7%N7, E/907.0.\$% S27/EH230#%NHO##/, Q/Iy(\% 60-)2&' 7"'+\*( '  
N#, \*(&(%e ,28/.I2E\$%7G%P/p0I%47"EHX/IE/., % F /-230##N/, E/.(%RO##0I(%P...(% F 0.3H% ;(%&' ;V5%

[B7IEL% 0, -% P.0, IH" 90, 2I9% P7-0\$%\*+, % UEH230#% +II/II9/, E(\% 60-)2&' 0%4)\*+'(% PH/7#7Q\$%  
R/00.E9/, E(%S7IE7, %N7##/Q/(% F 0.3H% ;V(%&' ;V5%

[P7X0.-%0, %D, E/Q.0E/-%+00.703H%E7Up0#7.2, Q%EH/%B.280E/% T .2EE/, %M/G#/3E27, I%7G%?092#%F /-232, /%  
M/I2-/ , EId% T .2E2, Q\

%

[R/8/#709 /,EI 2,% 6/" .7I32/ ,3/% 0, -% EH/2.% S27/EH230# DII" /I(\% H#&0#\*' =#. .%3%' C\*(%"3"+( , +0%' H)#%0- )2&'=#4 4)00%%(%S7IE7 ,%N7##/Q/(%+0.2##&W(%&' ; )5%

[UO2- / .97#\$I2IS"##7I0\*%UEH230#%NHO##/ ,Q/I%0, -%M/I7".3/I(\ 'Q)M)\*3' ; )0- '6D)(%"4#.8&)'H, ..#&+9' 5-%'Y#)2%#S' !+0)%\*0&' +\*( '^+4.) )%&<'RUSM+%D, E/ . , 0E27, 0#%N7, Q. /II(% 1 0E230, %B/ -20E.23% h 7IO2EO#% [S09 :2, 7%Y/I^(\%M79 /(%4/OE/ 9 : / .%&' (%&' ; )5%

[M/G#/3E2, Q%UEH230#%S%7, %hd11+DR4(\%5-%'H)#.#38'+\*( 'H)#%0- )2&'#\$>FYcGF I 09'G'! +\*%.' I )&2, &&#%\*% AX2EH%P%S" . -7(%0, -% F5!5%D7@%27C(%G..8' S %%I(%S7IE7 ,%N7##/Q/(% f 3E7 : / .%& ; (%&' ; )5%

%  
! , / .)2'D""%&%\*0+0)#\*%&'

[S27/E230%7Q2%AS27/EH23I%P7-0\$C(\%B0..733H20%-2%40, EO%47G20(%+ , 0300.2%AEO#\$(%!" , /%&)(%&' ; )5%

[6230.0Q"0%M/G#/3E2, Q%7, %0, %Up0/ .2/ ,3/(\% ! "%&)(%\*0)+. '02-#.#+ "%&(% S7IE7 ,%N7##/Q/(% f 3E7 : / .% ; W(% &' ; )5%

[NH2000I\*% UEH230#% NHO##/ ,Q/I%0, -% P.0, IG7.9 0E28/% B.03E23/I(\% G"" , D%' F\*0%"\*+0)#\*.' F4 4%"&)#\* ' !"#3"+4(%S7IE7 ,%N7##/Q/(% 678/9 : / .% ; K(%&' ; )5%

%  
=#\*M%\*%""

h/2a/%B/3a."H, (% [PH/%4/ , I/%7G%EH/%4" : `/3E%N"#"#E".0##\$%N790#/p%M/E.2/80#%7G%Up0/ .2/ ,3/%EH.7"QH% BH/ ,79 / ,7#7Q230# F /EH7-I(\%nq 'G\*\* , +.'E%#0)\*3'#\$'0-%'O#2)%08'#\$'=-")&0)+\*'60- )2&(%NH230Q7(% !0, "0.\$%W(%&' ; )5%

&' ; &%

G2+(%4)2'.%20, ""%&'

[UEH230#%NHO##/ ,Q/I%7G%Y/ , /E23I%P7-0\$(\%60- )2&'O%4)\*+("%PH/7#7Q\$%R/00.E9 / ,E(%S7IE7 ,%N7##/Q/(% !0, "0.\$%&K(%&' ; &5%

[c29 2EI%0, -%B7E/ , E20#2E2/I%7G%+ - "#E%0, -%U9 : . \$7, 23%4E/ 9%N/##I\*%M790, %NOEH7#23%UEH230#%D, I2QHEI(\% 00%4' =%.'N%&%+'2- 'F0+.8' ` 'F\*0%"\*+0)#\*+.'O#2)%08'#\$'=%.. , + "'5-%"+D8'6, "#D%9'P#)\*0' E%#0)\*3< ?/..0.0%AEO#\$(%!" , /%&' (%&' ; &5%

[R2./3E27, I%G7.%O%Y#7:0#% F /-232, /%X2EH%O% h " 90, %?03/(\% E%( )2+.'!'"+20)2%' ; )0- '+ '> , 4+\*'^+2%9' I "%+4 '#'"N%+.)08s<U".70/0, %N7, G/ - / .0E27, %7G%!/I"2E%+#"9 , 2LO/(%

&' ; ; %

G2+(%4)2'.%20, "%&'

[D90Q2,Q%2,%4/8/.%R2I7.-/.I%7G%N7,I327"I,/II%\*M/LEH2,a2,Q%N7,I327"I,/II(%D-/,E2E\$%0,-%N0./%2,%  
0%M/#0E27,0#%g/\$(\%nT 'G\*\*,+.'E%0)\*3'#\$'0-%'0#2)%08'#\$'=-')&0)+\*'60-)2&(%6/X%f.#/0,I(%c+(%  
!0,"0.\$%J(%&' ; ; 5%

[c0%#72%97.0#/%,0E"./##/%B/.IO/3E28/I%-d7"E./L9/.%07".%#0%.\_G#/p27,%:27\_EH2Z"/%37,E/907.02,/%  
APH/%97.0#%,0E".0#%#0X\*B/.IO/3E28/I%G.79%:/S7,-%EH/%:7.-/.I%G7.%/G#/3E2,Q%7,%:27/EH23I%  
E7-0\$C(\%D,I2E"E%N0EH7#2Z"/(%B0.2I%A?.0,3/C(%F0.3H%J(%&' ; ; 5%

[M790,%N0EH7#23%B/.IO/3E28/I%7,%U9:.\$7,23%4E/9%N/##M/I/0.3H(\%N%.)3)#,&'!%'&D%20)M%&'#\*'  
64/"8#%)\*2'00%4'=%..N%&%+"2-(%S.2QH09%0,-%T79/,dI%h7IO2EO#%L%N/,E/.%G7.%S27/EH23I(%S7IE7,(%  
F0\$%=(%&' ; ; 5%

[THOE%4H7"#-%T/%g,7Xy%M790,%N0EH7#23%+00.703H/I%OE%EH/%U,-%7G%c2G/(\!6\*( '#\$'Q)\$%'F&&,%&9'  
I%2)&#\*%<'=#&0'+\*( '60-)2+.'I).%44+&<'c/0-/.IH20%4/.2/I%7,%h/0#EH'A2,%00.E,/.IH20%X2EH%h0.80.-%  
B2#Q.29%h/0#EH%30./C('M/Q2I%N7##/Q/(%T/IE7,(%F+(%f3E7:/.%&=(%&' ; ; 5'

%  
!,./.)2'D"%&%\*0+0)#\*'

[6/X%D90Q2,Q%P/3H,7#7Q2/I%OE%EH/%U,-%7G%c2G/\*%B.792I/I%0,-%UEH230#%NH0##/,Q/I(\%Q,\*2-'0%)%&(%  
5-%'H#)&)'=%\*0%"\$#"N%..)3)#\*'+\*( 'G4%")2+\*!' ,./.)2'Q)\$%(%S7IE7,%N7##/Q/(%F0.3H%)'(%&' ; ; 5%

%  
=#\*M%\*%''

R082-%N#7"E2/.(%[PH/%B.7:#/9%7G#c"p".\$%2,%EH/%NH.2IE20,%c2G/(\%nT 'G\*\*,+.'E%0)\*3'#\$'0-%'0#2)%08'  
#\$'=-')&0)+\*'60-)2&(%6/X%f.#/0,I(%c+(%!0,"0.\$%J(%&' ; ; 5%

&' ; ; %

G2+(%4)2'.%20, "%&'

[PH/%60E".0#%c0X%P7-0\$%D,E/.,0E27,0#%B/.IO/3E28/I(\%7+&&#\*'-+)'Q%20, "%(%S7IE7,%N7##/Q/(%  
+0.2#%K(%&' ; ; \*%0802#0:#/0#OE%HEEO\*IIG.7,E.7X5:35/-"IO.7Q.0918232,2&1%

[B/." ,0#%/EE".0%E/7#7Q237L97.0#/%-/#0%G.0Q2#2Ez%,/#0#90#4%=#0-(S7I)-0.2D5.3(9)5.3(9)0.2(0)00.2(0)00.2(0)0E T Q



!, /.)2'D''%&%\*0+)#\*&'

[B.7: #/ 9 0E23H/% : 27/E23H/%AS27/EH230#B.7: #/ 9 IC(\%R/30, 0E7%NH2020%^B7I2##207(% 6007#2(%10, "0.\$%&K%  
0, -%?/: . "0.\$%)(%&' '<5%

[D#% 9 0E.29 7, 27% 30EE7#237% 7QQ2\*% 0.7: #/ 9 0E23H/% /E23H/% AN0EH7#23% 9 0..20Q/% E7-0\$% UEH230# 2II"/ IC(\%  
B0..733H20%-/2%403.2%N"7.2%-2%Y/I^%/-%2% F 0.20(% 6007#2(%?/: . "0.\$%<0, -%; =(%&' '<5%

[ i "/IE27, 2%-2% : 27/E230%ADII"/I2, %S27/EH23IC(\%R273/I^%7G%P/0, 7(P/0, 7%AN0I/.EOC(%?/: . "0.\$%; V%0, -%  
&J>% F 0.3H%&J>% F 0\$%<(%&' '<5%

&' ' J%

G2+(%4)2'.%20, "%&'

[B/.% " ,0% 0.73./0@27, /% ./I07, I0:2#/% A?7.% 0% ./I07, I2: #/% 0.73./0E27, C(\% T 7.aIH70% Q+'D)..#.+ '(%.  
3)#"\*#'( #D#9'0'+ %0)2+ %&2%.0+)'\*( )M) ( , +.% 2#4%'2+ 4 /)+'+ '&#2)%0f (%M7EO.\$%D, E/. , 0E27, 0#(%R2IE./EE7%  
&; ' '\*%N#" : %6007#2%N0IE/#%R/#%d f 87(%6007#2(%!0, "0.\$%&; (%&' ' J5%

[N.2E/.2%-2%-2I3/., 29 /, E7%O/.%#d0Q2./% 9 7.0#/% AN.2E/.20%7G%-2I3/., 9 /, E%E7%03E% 9 7.0##\$C(\%N7, G/./, 3/%  
Q@+00, +.J0f'(%..+'f, %&0)#\*%' 4#'+.%(%N/ , E.7%h ".EO-7(%6007#2(%10, "0.\$%&W(%&' ' J5%

[B.7IO/EE28/% -2% .2G%/II27, /% 2, % 0 9 : 2E7% 30EE7#237% AM7 9 0, % NOEH7#23I% O/.IO/3E28/I% 7G% ./G#/3E27, C(\%  
4/ 9 2, 0.%G2f, + %'2)/#D%' '\*#\* '\$+ "' 4#"' )%s '00+0)M'D%' 4 + \*%\*0) '0"+ '+&&)&0%\*A+'&#.) (+)&0)2+'  
% '0%'"+D)+ ' 4%( )2+(%2, %EH/% 37, E/pE% 7G%EH/! YFF' 2)2.#' ( )&%4)\*+' )' TUUYZTUUW9' m, +.% '\$, 0, "#'D%'"+'  
)#%0)2+s(!4/37, -0% e , 28/.I2Ez%-/Q#2%4E"-2%-2% 6007#2(%?037#Ez%-2%Y2" .2IO." - /, @0(%R200.E2 9 /, E7%-2%  
-2I320#2, /% Q2" IO" : :#232IE23H/% 2EO#20, /(% /" .70//% /% 37 9 00.OE/ (% NOEE/- .0% -2% S27/E230(% 40, EO% F 0.20%  
NOO"0% 1 /E/./% ANOI/.EOC(%!0, "0.\$%&<(%&' ' J5%

[U"EO, 0I20%7QQ2\*%0.7IO/EE28/%/E237LE/7#7Q23H/%AU"EH0, 0I20%E7-0\$%\*/EH230#LEH/7#7Q230#O/.IO/3E28/IC(\%  
S77a%R2I3" II27, %N5%P.207-2, 0(%F.' ( )")00##' \*%..@%0f' (%..+'0%2\*)2+B'F.' 2+&#'( %..@%, 0+ \*+&)+(A 6007#2%  
!78/ , /(%&' ' VC(%DIE2E" E7%DEO#20, 7%-2%432/ , @/% e 9 0, /(% 6007#2(%+0.2#%; (%&' ' J5%

[D, E/.0@27, /%/%. /#0@27, /%AD, E/.03E27, %0, -%./#0E27, IH2OC(\%N7, G/./, 3/%02)%\*A+ %\$%(%B'!' "" , \*) 4D%3\*##'  
2#4 , \*%9' ( )+. #3+ '%%' ( )&2%" \*%'' (% F 782 9 / , E7%U33#/I20#/-2%D 9 0/Q, 7%N" #E".0#/(%NOI/.EO(%+0.2#%; J(%  
&' ' J5%

[D#% 9 / -237(%#0% 9 7.0#/%/#%d/E230%0.7G/II27, 0#/%#%0873/%-2%" , %30EE7#237%APH/%OH\$12320, dI%O/.I7, 0#%0, -%  
0.7G/II27, 0#% /EH23I\*% + M7 9 0, % NOEH7#23% 8723/C(\% N7, G/./, 3/% Q@%0)2+' )' \*' \*, 0''A)#\*%' 2.)2+(%  
+II7320@27, /%DEO#20, 0%-2%R2/E/E230/% 6 "E.2@27, /%N#2, 230%7, # "I%L%4/@27, /%N0 9 00, 20%A+RDC(%6007#2(%  
!" , /%&W(%&' ' J5%

[R23H20.0@27, 2% 0, E23200E/% -2% E.OEE0 9 /, E7\*% 7330I27, /% 7% E/, EO@27, /y% Ac282, Q% X2##\*% f 330I27, % 7.%  
E/ 9 0EOE27, yC(\% N7, G/./, 3/% Q%' '\$'#\*0)%''%' (%..+' /)#%0)2+9' ).' 0%&0+ 4%\*0##' /)#.#3)2#(% DIE2E"E7% -2%  
G7.9 0@27, /%07#2E230% [B/- .7% +.. "O/\%L%N/ , E.7%-2%IE"-2%I7320#2(% e , 28/.I2Ez%-/Q#2%4E"-2%-2%B0#/ .9 7(%  
? , 2.2(@)0.(.2(7#)0.2(E)0.2(z)0.2((%)0 1 T f (%) T jE T Qq0.24000.24 1 258 9 .9 2cmB T 5000502400.24 1 1 T f 0358 9 .9 2cm

E%( )0+A##\*)&D)"'+0%' +3.)'6&% "2A)'OD)"0, +.)'(%.'^#\*( +0#""'(%..+'=#4D+3\*)+'(')'7%&J(%B0..733H20  
 40,%c "2Q2(%6007#2(%F0.3H%=(%&' ' J5%  
 [403/-7@27% 7QQ2% AB.2/IEH77-% E7-0\$C(\% N79 " ,2Ez% -2% G7.90@27, /% -/2% F2II27,0.2% N79 :7,20,2(%  
 NOI080E7./%A6007#2C(%F0\$%K(%&' ' J5%  
 [M2G#/II27,2%-2%" ,%./#2Q27I7%AM/G#/3E27, I%7G%0%./#2Q27" IC(\% F //E2, Q%F\*2#\*0)"2#\*'+/)#%0)2+B'O%2#\*( #'  
 )\*2#\*0"#9'Q@)\*0%""', A)#\*%'M#.#\*0+)"+'(%..+'3"+M)(+\*A+(%DIE2E"E7%43"7#/#B2/(%6007#2(%F0\$%;&(%&' ' J5%  
 [B.7: #/92%/E232%0##d2,2@27%-/#0%82E0%"90,0%AEUH230#%2II"/I%OE%EH/%:/Q2, ,2, Q%7G%H"90, %2G/C(\% F //E2, Q%  
 F\*2#\*0)"#(')'\$"+0%""\*)0['%'(')' +33)#"\*+4%\*0#'"D%""')^"+0%..)'(%..+'=#4D+3\*)+'(')'7%&}'')\*F0+.)+(%  
 +.23320LY0#7.7%AM790C(%F0\$%;)(%&' ' J5%  
 [B.7: #/92%/E232%0##0%G2, /% -/#0%82E0%"90,0%AEUH230#%2II"/I%OE%EH/%/, -%7G%H"90, %2G/C(\% F //E2, Q%  
 F\*2#\*0)"#(')'\$"+0%""\*)0['%'(')' +33)#"\*+4%\*0#'"D%""')^"+0%..)'(%..+'=#4D+3\*)+'(')'7%&}'')\*F0+.)+(%  
 +.23320LY0#7.7%AM790C(%F0\$%;)(%&' ' J5%  
 [4/00.0E2% -0%3H2y%A4/00.0E/-% :\$%XH79yC(\% F\*2#\*0)"#'"D%""&+2%"(#0)%'#D%"+0#")'D+%&0#"+.)(%4/IIO%  
 +".",30%A6007#2C(%!" , /% ;V(%&' ' J5%

&' ' K%

G2+(%4)2'.%20, "%&'

[B/.% 2#% :/, /%\* I3/#E/% 97.0#2% 2, % 9/-232,0% A?7.% EH/% Q77-%\* F7.0#% 8H723/I% 2, % 9/-232, /C(\% S77a%  
 R2I3"II27, %="%(%"%'%'2, "+%"% -2%D5% F0.2, 7(%4/37, -0% e ,28/.I2Ez% -/Q#2%4E" -2% -2% 6007#2(% +@2/, -0%  
 f IO/-0#2/.0% e ,28/.I2E0.20%4/37, -0% e ,28/.I2Ez% -2% 6007#2(%6007#2(%F0.3H%;=(%&' ' K5%  
 [D#% -2,092I97%./#0@27,0#%/ -/#d/II/./(% -/#3./ -/./% /% -/#d0Q2./%A+%O/.I7,0#%./#0E27,0#%-\$,0923I\*%E7%  
 :/(%E7% :/#2/8/(%E7%03EC(\% S77a%R2I3"II27, %\* F5U5%N"Q2,2(%="%(%"%'D%""%&&%"%'D%""'(+'% ', \*%&%\*%&#'  
 +..+'M)0+(%DIE2E"E7%DE0#20,7%O/.%Q#2%4E" -2%?2#7I7G232(%6007#2(%F0.3H%&'(%&' ' K5%  
 [?2, /% -/#0%82E0%"90,0%\*O",E2% -2% .2G/.29 /,E7% 97.0#2%2, %09 :2E7%30EE7#237%APH/%/, -%7G%H"90, %2G/\*%  
 F7.0#%M790, %NOEH7#23I#0, -90.aIC(\%R/ :OE/%Q)/%")(')M)M%"%~'7#23")(')'4#"0.2(E2B0'E7%SP/3,237%  
 N799 /.320#/%Y0#20,2(%6007#2(%F0.3H%&J(%&' ' K5%  
 [c0%G2, /% -/#0%82E0%"90,0%APH/%/, -%7G%H"90, %2G/C(\% +II7320@27, /%Up% +##2/82%DIE2E"E7% 1/I3782#/(%  
 67#0%A6007#2C(%+0.2#%;W(%&' ' K5%  
 [c2:/ .2% -2% 97.2./y%B.7IO/EE28/% -2% .2G#/II27, /%E/7#7Q230%2, %09 :2E7%30EE7#237%A?.//%E7% -2/y%NOEH7#23%  
 EH/7#7Q230#%O/.IO/3E28/I%E7%./G#/3EC(\%N7,G/./,3/%I/.2/I%F'Q, %\*((')'Y0.2(2)0I2(7#%V6Q07#2(%F0\$%Q,0.2(2)03)  
 K(%&' ' K5%  
 [cd/"E0,0I20%AU"EHO,0I20C(\%N7,G/./,3/%F\*2#\*0)"#2#\*'+/)#%0)2+(%DIE2E"E7%43"7#/#B2/(%6007#2(%F0\$%  
 ;V(%&' ' K5%  
 [+##0%G2, /% -/#0%82E0%"90,0%\*O.7IO/EE28/%30EE7#23H/%A+E%EH/%/, -%7G%H"90, %2G/\*%M790, %NOEH7#23%  
 O/.IO/3E28/IC(\% M7", -%P0: #/7, %6, 0+\*+%&0.2(2)22+\*)4%\*0#'"0%"+D%,00.2(2)02#<'0%&0+4%\*0#'/)#I%2(7#)#3)2#  
 f.-2, /%B.782,320#%/ -/2%F/-232%NH2.".QH2%/%f-7,E720E.2%^



[M/#O@27,2%E/.00/"E23H/%-2%G.7,E2/.0\*.0QQ2",Q/./(%2,37,E.0./(%02"E0./%APH/.00/"E23%./#OE27,IH2OI%OE%  
EH/%G.7,E2/.\*%P7%/03H%7"E(%E7%9//E(%E7%H/#OC(\%S77a%R2I3"II27,\*%ŠD%00@2/,E2%-2%G.7,E2/.05%B/.37.I2%  
OI2370,0#2E232%E.0%#d27%/2#%I\_<%\_ ,#M%'\$"#\*0)%"%'D%'''+ 'D&)2#0%"D)+ 'D&)2#+\*+. )0)2+(%43"7#0%DE0#20,0%  
-2%BI237E/.0020%BI2370,0#2E230(%DIE2E"E7%DE0#20,7%-2%4E"-2%?2#7I7G232(%6007#2(%R/3/9:/.% ;V(%&' 'K5%

[c0% 0.73./0@27, /% 9 / -230#9 / , E/% 0II2IE2EO% A F / -230##\$% 0II2IE/ -% 0.73./OE27, C(\% R273/I/ 7G% P/0, 7(% P/0, 7%ANOI/.EOC(%?/:. "0.\$(%&W%0, -% F 0.3H%; ;(%&' 'W5%

=#\*M%\*%'''

g0./\$% +#2I7, % h0.X77-(% [ F /0, 2, QL F 0a2, Q%0, -% M/I2IE0, 3/% 2, % 0% N7, E/pE% 7G% N7, I" 9 / .2I9\*% TH\$% 479 /% T 79 / , %0, -% F / , %Y28/%e0%7, % +II2IE/ -%M/0.7 - "3E28/%P/3H, 7#7Q2/I(\%qf 'G\*\* , +.'E%#0) \*3' # \$'0 - %'0#2)%08'# \$' = - ')&0) + \*'60 - )2&( % F 209 2(%? c(%!0, "0.\$%K(%&' 'W5%

&' 'V%

G2+(%4)2'.%20, "%&'

[B70"#OE27, %Y/ , 7923I%2, %N2#/ , E7%ADE0#\$C\*%P7X0. -%EH/%B.797E27, %7G%EH/%N7997, %Y77-(\%qn 'G\*\* , +.' E%#0) \*3' # \$'0 - %'0#2)%08'# \$' = - ')&0) + \*'60 - )2&( % NH230Q7(%D#(%10, "0.\$%<(%&' 'V5%

[c0% .23/.30%I"##/%3/##"/%IE092, 0#2" 90, /% IO", E2% -2% .2G#/II27, /% /E230%A h " 90, % IE/ 9 %3/##% . /I/0.3H\*% D, I2QHEI%7, % /EH230#% . /G#/3E27, C(\%4/ 92, 0.%I/ .2/I%Q%(')4%\*%&#\*')(%..+ 'H)#%#0)2+9'D"#3"%&&')/)#4%( )2)< D., "+.)&4#'%0)2#<' "%3#.%' 3), ") ( )2 - %% 4/37, -0% e ,28/.I2Ez% - /Q#2% 4E" -2% -2% 6007#2(% ?037#Ez% -2% Y2" .2IO. " - / , @0(%4% F 0.20%N00"0% 1 / E/ . /%ANOI/.EOC(%?/:. "0.\$%<(%&' 'V5%

[F / -232, 0% / - % /E230%7QQ2/% -790, 2\*%0. /8/ , 2. / (%3" .0. /% /%0.79 "78/ . /%2#% : / , /%379 " , /%A F / -232, /%0, -% /EH23I%E7-0\$%0, -%E797.7X\*%P70. /8/ , E%E7%H/0#(%0, -%E70.797E/%EH/%37997, %Q77-C(\% f IO/ -0#/% R/%Y2.7, 37#2(%N7, /Q#20, 7% 1 / , /E7%AP. /82I7C(%?/:. "0.\$%; )(%&' 'V5%

[B.7 : # / 9OE23H/% /E23H/% , /Q#2% IE" -2% 2, % Q/ , 79230% - /##/% 0707#0@27, 2% AUEH230#% 2II" /I% 2, % 070"#OE27, % Q/ , 7923% IE" -2/IC(\% N/ , E.7% M/Q27, 0#/% -2% 6/" .7Q/ , /E230% AM/Q27, 0#% 6/" .7Q/ , /E23I% N/ , E/.C(% c09 /@20%P/ .9 /%AN7I/ , @OC(%?/:. "0.\$%; =( %&' 'V5%

[UE230%- /##d0337900Q, 09 / , E7%0#% 97. / , E/%AUEH23I%7G%0337900, \$2, Q%EH/%-\$2, Q%0/.I7, C(\% N7, G/ . / , 3/% I#.#"'% ' \_#%' \*%..+' =00[' ( )' \_+D#.)<' Y%'&#', \*+' "%0%' ( )' 2, "%' 2#\*0)\*, +0)M%'D''' .%'D%'&#\*%0' 4+. +0%9' .@)4D%3\*#%' (%..%' F&0)0, A)#\*') %' ).' " , #.#' (%)' 4+&&Z4%( )+(% +II7320E27, % R7567(% h7IO2EO#% [ +5% N0. -0. /##2(\% 6007#2(% F 0.3H%V(%&' 'V5%

[D, % -20#7Q7%37, %#0% : 27/E230#2 : / .0#/%AP7% -20#7Q" /%X2EH#2 : / .0#% : 27/EH23IC(\%R/ : OE/%H)#%#0)2+9'Y)&#\*%' .+ )2+' %'0#..%' +\*0%' (%)' "' +DD#''0)', 4+\* ) #' #&&% 'M+\*A+' ( )' (#34)' "%.)3)#& )s(\% N2.37#7% - /##de , 27, /(\% F 0.2Q#20, 7%A 6007#2C(%+0.2#%&J(%&' 'V5%

[M2G#/EE/ . /% E/7#7Q2309 / , E/% I"##0% G2, /% - /##0% 82EO% AP7% . /G#/3E% EH/7#7Q230##\$% 7, % / , -% 7G% #2G/% 2II" /IC(\% N/ , E.7%UIE/ .(%SO. .0%A 6007#2C(% F 0\$%V(%&' 'V5%

[+ , 290(%37I32/ , @0% / - % /O2#/II205%D#%0" , E7% -2% 82IE0% - /%E/7#7Q7%A47" #(%37, I327" I, /II(%0, -% /O2#/OIS\*% PH/%EH/7#7Q20, dI%072, E%7G%82/XC(\%N7, G/ . / , 3/%6D).%&&)+9'C\*+'\$)%%&0''+'&, ..@+\* )4+(% +II7320@27, /% DE0#20, 0%N7, E.7%#0%UO2#/II20(% 6007#2(% F 0\$%J(%&' 'V5%

[D, G7.90. /% /% 37, I/ , E2. /% /E2309 / , E/% B. /I"OO7IE2% /% 37, I/Q" / , @/% , /##0% .23/.30% I32/ , E2G230% /% , /##0% 0.OE230% 9 / -230%AD, G7.9%0, -% 37, I/ , E% /EH230##\$\*% B. /I"OO7I2E27, I%0, -% 37, I/Z" / , 3/I% 2, % I32/ , E2G23% . /I/0.3H%0, -% 9 / -230#%0.03E23/C(\% YfE' =#\*3"%&&#'\_+A)#\*+.%' (%..+'0#2)%0['F0+.)+\*+' ( )' !&)2#.#3)+( % 6007#2(%4/OE/ 9 : / .) '( %&' 'V5%

[B.73./0@27, /% 9 / -230#9 / , E/% 0II2IE2EO% 2, %DE0#20\*%2#%E/7#7Q7%30EE7#237% -2%G.7, E/%0##0#/%QQ/% , 5%V' I&' 'V% A F / -230##\$% 0II2IE/ -% 0.73./OE27, % 2, % DE0#\$\*% PH/%M790, % NOEH7#23% EH/7#7Q20, % GO32, Q% EH/% #OX% , 75% V' I&' 'VC(\% =#.#f, ), 4 ~ ') \*' / "%M% [ ?/37, -0@27, /% 0II2IE2EO\*% " , 0% #/QQ/% -0% .2G0. /y(\% f#E. /% 2#% 3H27IE.7(% 6007#2(% 678/ 9 : / .%W(%&' 'V5%

! , / .)2'D""%&%\*0+0)#\*%&'

[B.292% 0.7 : # / 9 2% /E232% -2% 37.I20% A ?2.IE% /EH230#% 2II" /I% 0E% EH/% : / -I2- /C(\% F / -230#% R73E7.Id% Q.7"O(% NH00#02, 3\$(% e ,28/.I2E\$% [c0%4002/ , @0(\%M790(%?0##&' ')L40.2, Q%&' 'V%A 97, EH#\$% 9 //E2, QIC5%

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

[ F 7.0#PH/7#7Q\$%0, -% S27/EH23I%P7-0\$%+% ?73" I%7, %EH/%N7, E/pE%0, -%7, %O%M/#OE27, 0#%+00.703H(\%  
 YFFF'=#\*\$%'%\*2%'#\$'0-%'6, "#D%+\*'P%&, )0&' )\*'02)%\*2%(M790(%4/OE/9 :/./.%;)(%&' ' )5%  
 [M/I/0.3H% 2, % B70"#OE27, % Y/, /E23I% UEH230#% DII"/I% 0, -% UEH230#% M/I7".3/I(\% N7,G/./,3/ % \_%; '  
 ^"#\*0)%"&' 9' F0+.)+\*Z=+\*+ ( )+\*' !#D, .+0)#\*' 7%\*#4)2' +\*( ' H)#\*\$#"4+0)2' =#.+/#"0)#\*%&(%  
 D, E/./, OE27, 0#%D, IE2E"E/%7G%Y/, /E23I% 0, -% S270H\$I23I% [ +-.20, 7% S"@@OE2% P.08/.I7\% 0, -% N0, 0-20, %  
 D, IE2E"E/%7G%h/O#EH%M/I/0.3H(%c0".2, 7%A40#/. , 7C(% f 3E7 :/./.%&=(%&' ' )5%  
 [+DR4% ?0.9032% /% :./8/EE25%D#%30I7%4" -0G.230%A+DR4%R."QI%0, -%O0E/, EI5%PH/%47"EH%+G.230%30I/(\%  
 N7,G/./,3/% Q+' 4%( )2)\*+' ( @%4%"3%\*A+' \*%.'O, ( ' (%.' 4#\*(#B' F\*0%"M%\*0)'% '( ) \*+ 4)2-%' &D%2)\$2-%(%  
 N79" ,/%-2%Y/, 780%0, -% e 6DNU?(%Y/, 780(% f 3E7 :/./.%&K(%&' ' )5%  
 [R0#%37.07% 0#%3/, E.7% 0#%3/, E.7% -/#%37.07% A?.79% ŠEH/%3/, E/.%7G%EH/% :7-\$<%E7% ŠEH/% :7-\$%OE%EH/%  
 3/, E/./.<C(\%N7, Q./II%F.'/+4/)\*##/%&#9'C\*D"#/.%4+'( )'&+., 0%<'4+'2-)'#"' )&#.M%S(%?"E".7%M/97E7%  
 &' ' )(%+II7320@27, /%DE0#20, 0-2%R2/E/E230/%6"E.2@27, /%N#2, 230%A+RDC(%6007#2(%678/9 :/./.%;K(%&' ' )5%  
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