!"#$%&' ()*+,%"-./(0)1-,%2-3%4-*)562.)07%89)19)*):;3%<12/0%=19%>?@@%2-3%A;+1-3%

!"#$%&"'("#)*%+,"'-%.#-/01$2"/#%3--"4'0%5%+/#(2$#4'%67%8/#'(%9"0'42/0%/-%:";0$0"'(%

<=>=?@%

!''#$%#$&'

1% A0/4'((%B/2'(%7777777777

G7@G% A0/-'(("/#$F%9']'F/E1'#2%$#D%J0$"#")%7777777777

6#/2,'0%(20/#)%2,'1'%2,$2%'1'0)'D%H$(%$#%$EE0'4"$2"/#%-/0%2,'%;'#'-"2%/-%('''#)%H,$2%/2,'0%D'E$021'#2(%$0'%2,"#Z"#)%$;/C2%$#D%D/"#)7%^$]"#)%2,"(%H"#D/H%"#2/%2,'%H/0Z%/-%-'FF/H%D'E$021'#2(%$40/((%:.J&%4$#%,'FE%C(%;'22'0%(CEE/02%/#'%$#/2,'0%$#D%2,'%4/11C#"2Q*%F'$0#%-0/1%/#'%$#/2,'0*%$#D%0'2,"#Z%/C0%H/0Z%$#D%E/2'#2"$F%40/((KD'E$021'#2%4/FF$;/0$2"/#(%-0/1%#'HFQ%"#-/01'D%E'0(E'42"]'(7%J,"(%"(%(/1'2,"#)%H'%H$#2%2/%4/#2"#C'%2/%-"#D%H$Q(%2/%D/*%2,0/C),%(/1'%-/01%/-%:.J&%4/11C#"4$2"/#%,C;%/0%1'2,/D%-/0%(,$0"#)%"#2'0#$FFQ%H,$2%"(%,$EE'#"#)%$40/((%D'E$021'#2(%/#%$%0')CF$0%;$("(%$#D%2,0/C),%(,$0'D%-/0C1(%(C4,%$(%(2$--%1''2"#)(%$#D%E0/-'(("/#$F%D']'F/E1'#2%('(("/#(7%

6%2,"0D%H/#D'0-C%2,'1'%2,$2%'1'0)'D%H$(%(''"#)%2,'%(20'#)2,%/-%4/11/#%(,$0'D%]$FC'(%$40/((%2,'%/0)$#"\$2"/#%"#%0'F$2"/#%2/%'PC"2Q%$#D%"#4FC("/#%)/$F(%$#D%'T4"2'1'#2%2,$2%1$#Q%4/FF'$)C'(%$0'%-''F"#)%$;/C2%2,'%H/0Z%H"2,"#%:.J&%$#D%+/FF')'KH"D'*%$#D%'#2,C("$(1%$;/C2%2,'%E/2'#2"$F%-/0%40/((KD'E$021'#2$F%(Q#'0)"'(%$(%H'%"D'#2"-Q%(,$0'D%E0"/0"2"'(*%E0/-'(("/#$F%D']'F/E1'#2%/EE/02C#"2"'(%/#%4$1EC(%$#D%;'Q/#D*%$#D%H$Q(%/-%4/##'42"#)%/C0%)/$F(%H"2,%;0/$D'0%+/FF')'%$#D%#$2"/#$F%4/11"21'#2(%$0/C#D%'PC"2Q*%"#4FC("/#*%$#D%$#2"K0$4"(17%

M"#$FFQ*%$#%"1E/02$#2%2,'1'%2,$2%H$(%E0'('#2%2,0/C),/C2%/C0%4/#]'0($2"/#(%H$(%2,'%"2'0$2"]'%$#D%/#)/"#)%#$2C0'%/-%2,"(%)/$FK('22"#)%$#D%E0"/0"2"\"#)%E0/4'((f%/-%2,'%H/0Z%"2('F-f%$#D%/-%2,'%-''D;$4Z%F//E(%H'%#''D%2/%40'$2'*%'TE'0"1'#2%H"2,*%F'$0#%-0/1*%$#D%"#2')0$2'%"#2/%/C0%/E'0$2"/#(7%J,"(%D/4C1'#2%"(%#/2%$%(2$02"#)%E/"#2%-/0%:.J&%'PC"2Q*%"#4FC("/#*%$#D%$#2"K0$4"(1%H/0Z*%H,"4,%,$(%;''#%/#)/"#)%"#%1$#Q%-/01(*%$#D%#''2,'0%"(%"2%$#%'#D"#)%E/"#27%N'I0'%$"1"#)%2/%(C0-$4'%'--/02(%2,$2%$0'%C#D'0H$Q*%2/%40Q(2$F"\'%E$02"4CF$0%)/$F(%2,$2%H'%H$#2%2/%-/4C(%/#%$4,"']"#)%"#%2,'%#'$0K2'01*%$#D%2/%4/11C#"4$2'%;'22'0%$;/C2%H,$2%H'I0'%D/"#)%$#D%EF$##"#)%$40/((%F";0$0Q%$#D%"#-/01$2"/#%2'4,#/F/)Q%D/1$"#(7%J,"(%H/0Z%H"FF%,$EE'#%$2%1$#Q%F']'F(*%"#4FCD"#)%(/1'%/0)$#"\$2"/#KH"D'%E0"/0"2"'(%2,$2%H'%(,$0'%/C2%$#D%/#%H,"4,%H'%"#]"2'%-''D;$4Z%-0/1%2,'%4/11C#"2Q%H'%('0]'*%$(Z"#)%gD%2,'('%)/$F(%F//Z%C('-CFih%$#D%g,/H%$0'%2,'('%'--/02(%F$#D"#)%H"2,%Q/Cih%$#D%gH,$2%1/0'%4$#%H'%D/*%/0%H,$2%4$#%H'%D/%#'T2*%2,$2%H/CFD%;'%C('-CFih%J,"(%H/0Z%$F(/%"#4FCD'(%1/0'%F/4$F%'--/02(%(E'4"-"4%2/%'$4,%D'E$021'#2%H"2,"#%:.J&%2,$2%2'$1(%H"FF%4/#2"#C'%2/%1/]'%-/0H$0D%$F/#)("D'%/C0%;0/$D'0%E0"/0"2"'(7%

- '. /010#2')*0#+034%&5"*'6*$0+/47$0#2')*0"'*0$0%&'

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3C0%:.J&%'PC"2Q*%"#4FC("/#*%$#D%$#2"K0$4"(1%)/$F(%$0'%"

E/"#2(%2/%2,'%F"-'%/-%/;a'42(%$#D%40"2"4$F%2,"#Z"#)%$0/C#D%2,'1f%$#D%(,$0'D%E0/-'(("/#$F%D']'F/E1'#2%$#D%E0/)0$11"#)%H"2,%/2,'0%+/FF')'%D'E$021'#2(%'#)$)'D%"#%E0FF'F%/0%/]'0F$EE"#)%H/0Z7%

C

N'I0'%("1"F$0FQ%'T4"2'D%;Q% %$2%2,'%F/4$F%$#D%#$2"/#$F%F']'F%"#%('0]"4'%/-%'PC"2Q*%"#4FC("/#*%$#D%$#2"K0$4"(1%)/$F(7%%&/1'%J0"+/%:";0$0"'(%(,$0'D%(20$2')"4%)/$F(%"#%2,'%gD/%2,'%0"),2%2,"#)h%4$2')/0Q*%"#4FCD"#)%"#-/01$2"/#%aC(2"4'*%$44'(("";"F"2Q*%'247%B/2%Q'2%-0$1'D%$(%J0"+/%/]'0$FF%E$02#'0(,"E%$0/C#D%S.6V%H/0Z7%%:6+VS:6%K%[%('(("/#(%DC0"#)%2,'%Q'$0%2,$2%H'%$FF%,$]'%2,'%/EE/02C#"2Q%2/%'TE0'((%"#2'0'(2%"#7%

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S]'#%$(%H'%4/##'42%;0/$DFQ%H"2,%"#(2"2C2"/#$F%$#D%4/#(/02"$F%"#"2"$2"]'(*%H'%H$#2%2/%-/4C(%/C0%E0"/0"2"'(%"#%$0'$(%

%2/%4/#20";C2'%2%'PC"2Q*%"#4FC("/#*%$#D%0$4"$F%aC(2"4'%'--/02(%$2%2,'%+/FF')'7%ST$1EF'(

N '%(' '%]$FC '%"#%,$]"#)%

7%J,'%-0$1 'H/0Z%/-%2,'%:.J&%<KY '$0%
&20$2 ')"4%V/$D1$E%'#$;F'(%C(%2/%$02"4CF$2 '%F/#)K0$#) '%$(E"0$2"/#(%$#D%$0 '$(%/-%-/4C(*%$#D%$##C$F%
E0"/0"2"\"#)%'#$;F'(%C(%2/%"D '#2"-Q%"1 1 'D"$2 '%2,"#)(%H '%4$#%D/%2/%;0"#)%(,/02 '0K2 '0 1%;'#'-"2(%$#D%2/%F$Q%
-/C#D$2"/#(%"#40 '1 '#2$FFQ%2,$2%H '%;'F"'] '%H"FF%Q" 'FD%F/#) '0K2 '0 1%;'#'-"2(7%.#%2,"(%Q '$0I(%E0/4 '((*%H '%$0 '%
'(E '4"$FFQ%"#2 '0 '(2 'D%"#%"D '#2"-Q"#)%$4,"']$;F '%MY??%)/$F(*%H,'0 '%' $4,%:.J&%D 'E$02 1 '#2%2$Z '(%/#%$2%F '$(2%
/#'%D/$;F '%$#D%1 '$#"#)-C%2,"#)%2/%$4,"'] '%"#%2,'%-"0(2%Q '$07%N 'IFF%,$] '%1$#Q%$DD"2"/#$F%'--/02(%"#%
E0/)0 '((%$40/((%:.J&%;C2%H$#%2/%;'%(C0 '%H '%,$] '%$%E0"/0"2"\ 'D%('2%2,$2%$0 '%4F '$0FQ%D '-"#'D%$#D%
$44/1EF"(,'D%"#%$%1 '$#"#)-C%-/01%2,"(%Q '$07%

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M"#$FFQ*%H '%$0 '%H/0Z"#)%-0/1%$%E0"#4"EF '%/-% *%"#4FCD"#)%1 '1;'0(%/-%/C0%
:.J&%2 '$1%$(%'] '0Q/#'%'#2 '0(%-0/1%D"--'0 '#2%;$4Z)0/C#D(%$#D%E '0(E '42"] '(%"#2/%E0/-'(("/#$F%
D '] 'F/E1 '#2%$#D%H/0Z%$0/C#D%'PC"2Q*%"#4FC("/#*%$#D%$#2"K0$4"(17%&"1"F$0FQ*%2,"(%'2,"4%/-%1 ''2"#)%E'/EF'%
H,'0 '%2,'Q%$0 '%'#(C0 '(%$#D%(1

@7 +/#2"#C'%2/%D']'F/E%$#D%D'F"]'0%E0/)0$1(%2,$2%-/(2'0%(2CD'#2%'#)$)'1'#2%$#D%F'$0#"#)%$;/C2%
2'4,#/F/)QK*%D2K*%$#D%F";0$0QK0'F$2

?7 ST$1EF'(%/-%2,'%Z"#D(%/-%PC'(2"/#(%H'%H$#2%2/%$DD0'((%"#4FCD'd%N,/%"(%="(%#/2%E$02"4"E$2"#)%"#%/C0%.#2'#("]'(*%H/0Z(,/E(*%$#D%/2,'0%E0/)0$1(i%N,"4,%(2CD'#2(%$0'%=%$0'%#/2%C("#)%2,'%F";0$0Qi%^/H%D/%H'%)$2,'0%D2%/#%2,/('%E/2'#2"$F%)$E(%$#D%$DD0'((%$#Q%D"(E$0"2"'(%2,$2%H'%-"#Di%%

G7 N'%H$#2%2/%$((''((%2,0/C),%$%V$4"$F%SPC"2Q%.1E$42%6#$FQ("(%/C0%4C00'#2%E0$42"4'(%-/0%)$2,'0"#)%-''D;$4Z*%$(Z"#)%(C4,%Z'Q%PC'(2"/#(%$(%H,/%$0'%H'%2$FZ"#)%2/i%,/H%$0'%H'%)'22"#)%-''D;$4Zi%,/H%D/%H'%E/020$Q%/C0%/--'0"#)(%-/0%2,'%4/11C#"2Qi%&/1'%/-%2,'('%$0'%$0'$(%H,'0'%0'E0'('#2$2"]'%-/4C(%)0/CE(%1$Q%)"]'%C(%"1E/02$#2%E'0(E'42"]'%$#D%"#("),2(7%

L7 N'%H$#2%2/%;C"FD%/#%2,'%0'('$04,%6F'T%A-C#D2%,$(%D/#'%$0/C#D%(2CD'#2(I%-''F"#)(%/-%('F-K'--"4$4Q%$0/C#D%0'('$04,%E0$42"4'(7%

<7 N'I0'%"#2'0'(2'D%"#%$#Q%"#("),2(%H'%4$#%)$"#%-0/1%2,'%+/FF')'I(%;'F/#)"#)#'((%(2CD"'(%$#D%4$1EC(%4F"1$2'%(2CD"'(*%'(E'4"$FFQ%F//Z"#)%2/%2,'%D2%-/0%EF$4'(%H,'0'%H'%4$#%;0"D)'%)$E(%-/0%cF$4Z*%.#D")'#/C(*%$#D%/2,'0%(2CD'#2(%/-%4/F/07%%

>7 N'%;'F"']'%"#%2,'%E/H'0%/-%(2/0"'(%"#%$DD"2"/#%2/%2,'%"1E/02$#4'%/-%$))0')$2'%D$2$7%N'%H$#2%2/%,'$0%$;/C2%"1E$42(%/#%(2CD'#2(I%F"]'(%

CED$2'%(C;a'42%,'$D"#)(*%$(%H'FF%$(%/2,'0%4F$(("-"4$2"/#%2'01(%$#D%1'2$D2*%(/%2,$2%2,'Q%$0'%,"(2/0"4$FFQ%$#D%4CF2C0$FFQ%$EE0/E0"$2'7%J,"(%"#4FCD'(%2,'%0'1/]$F%/-%D'(40"E2/0(%2,$2%$0'%E0/;F'1$2"4%$#D%0'EF$4"#)%2,'1%H"2,%CED$2'D%$#D%$EE0/E0"$2'%F$#)C$)'f%-/0%'T$1EF'*%J0"+/%F";0$0"$#(%E$02"4"E$2'D%F/4$FFQ%"#%1$Z"#)%2,'%4,$#)'%-0/1%g"FF')$F%$F"'#(h%2/%gC#D/4C1'#2'D%"11")0$#2(h%$(%E$02%/-%$%#$2"/#$F%1/]'1'#2%2/%4,$#)'%2,"(%:";0$0Q%/-%+/#)0'((%(C;a'42%,'$D"#)7%%%

?7 N'%H"FF%(CEE/02%(2CD'#2(I%D']'F/E1'#2%/-%'2,"4$F%$#D%2'4,#"4$F%-$4'2(%/-%D")"2$F%4/1E'2'#4"'(%$(%2,'Q%H/0Z%H"2,%C(%/#%E0/a'42(%2/%0']"('%$#D%$C)1'#2%1'2D2$%2,$2%'#$;F'(%D"(4/]'0Q%/-%/C0%0"4,%4/FF'42"/#(%$#D%-C02,'0%(2CDQ%/-%2,''"0%4/1EF'T%4/#2'T2(7%6#%'T$1EF'%"#%2,"(%4/#2'T2%"(%2,'%H/0Z%/-%&E'4"$F%+/FF'42"/#(%4$2$F/)"#)%2,'%4,"FD0'#I(%;//Z%4/FF'42"/#%$#D%'#)$)"#)%(2CD'#2(%"#%2,"(%E0/a'42*%C("#)%$#%$#2"K0$4"(2%4$2$F/)%$(%$%)C"D'F"#'%-/0%2,'%/0")"#$F%D'(40"E2"/#(%"#%/C0%1'2D2$7%

G7 J"'D%2/%/C0%#'T2%)/$F*%H'%H"FF%0']"'H%$#D%'#,$#4'%$(%#''D'D%2,'%$44'((";"F"2Q%/-%/C0%4/FF'42"/#%D"(4/]'0Q%EF$2-/01(%$#D%-"#D"#)%$"D(*%$(%H'FF%$(%2,'%$44'((";"F"2Q%)C"D'F"#'(%$#D%"1EF'1'#2$2"/#%-/0%2,'%4/#2'#2%(2/0'D%H"2,"#%2,'('%EF$2-/01(

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3#'%/-%2,'%(20/#)'(2%$0'$(%/-%-/4C(%-/0%:.J&*%'(E'4"$FFQ%/C0%&E'4"$F%+/FF'42"/#(*%SDC4$2"/#$F%5%&4,/F$0FQ%J'4,#/F/)Q=9")"2$F%&4,/F$0(,"E*%$#D%V'('$04,%5%.#(20C42"/#%E0/)0$1(*%"(%D'(")#*%D']'F/E1'#2*%$#D%1'#2/0(,"E%-/0%+/FF')'%,"(2/0"'(%E0/a'42(*%0$#)"#)%-0/1%$04,"]$F%0'('$04,%2/%/0$F%,"(2/0"'(%2/%4C0$2'D%'T,";"2"/#(%2/%D")"2$F%(4,/F$0(,"E%E0/a'42(7%N'%$0'%Z'Q%E$02#'0(%"#%0'(E/#D"#)%2/%2,'%PC'(2"/#*%g^/H%D/'(%2,'%"#(2"2C2"/#%'#)$)'%H"2,%"2(%E$(2ih

@7 +C00'#2%E0/a'42(%"#4FCD'%2,'%_____%E0/a'42*%H,'0'%:.J&%"(%$%E$02#'0%H"2,%2,'%A0'("D'#2I(%3--"4'f%-$4CF2Q%"#%^"(2/0Q%$#D%^"(2/0Q%/-%602f%XC('C1%&2CD"'(f%+/FF')'%+/11C#"4$2"/#(f%$#D%6FC1#$'="%V'F$2"/#(%5%9']'F/E1'#2f%$1/#)%/2,'0(7%J,'%-"0(2%E,$('%/-%_____%H$(%F$C#4,'D%2,"(%Q'$0%"#%+$#$D$Q%:";0$0Q%$#D%/#F"#'*%$#D%#'T2%E,$('(%/-%H,"4,%H"FF%4/#2"#C'%2,"(%(C11'0%$#D%;'Q/#D7%J,"(%E0/a'42%2"'(%2/%;0/$D'0%)/$F(%/-%(C0-$4"#)*%D/4C1'#2"#)*%$#D%EC;F"(,"#)%0"4,'0%$#D%1/0'%D"]'0('%(2/0"'(%/-%2,/('%H,/%,$]'%;''#%"1E/02$#2%2,'%-/01$2"/#%/-%2,'%+/FF')'%2,0/C),/C2%"2(%,"(2/0Q%$#D%;C"FD"#)%/C0%$04,"]'(%-/0%-C2C0'%(4,/F$0(,"E%$#D%D"(4/]'0Q%;Q%H$Q%/-%D/4C1'#2"#)%2,'%4/FF')"$2'%'TE'0"'#4'%-0/1%2,'%(2CD'#2%E'0(E'42"]'7%

?7 cC"FD"#)%D")"2$F%4/FF'42"/#(%"(%$%E0"/0"2Q%-/0%C(*%E$02"4CF$0FQ%$04,"]'(%2,$2%0'E0'('#2%2,'%4/FF')"$2'%'TE'0"'#4'%-0/1%(2CD'#2(I%E'0(E'42"]'(7%V'4'#2%E0/a'42(%"#4FCD'%2,'%8'H"(,%X$H02'0(%$#D%A'00Q%

G7 N '%H"FF%D0$H%/#%$44'((";"F"2Q%'TE'02"('%H"2,"#%:.J&%2/%0']"'H%$#D%CED$2'%/C0%EC;F"(,'D%0'(/C04'(*%(C4,%$(%2,'%:.J&%H';%E0'('#4'*%:";!C"D'(*%/C0%R#/HF'D)'c$('=J'4,D/4(

L7 N '%H"FF%H/0Z%$42"] 'FQ%2/%D' ;C#Z%2, '%4/11/#%

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:.J&%E0/)0$1(%$0'%D'(")#'D%2/%;'%-C‡FQ%$44'((";‡'%$#D%"#4‡FC("]'%-/0%2,'%c0Q#%X$H0%4/11C#"2Q%_$#D%/-2'#%-/0%$#%'T2'#D'D%EC;‡"4%4/11C#"2Q`7

@7 N'%H"‡‡%0')C‡$0‡FQ%"#]"2'%']$FC$2"/#%/-%E0/)0$1(%H'%/--'0%2/%(''Z%(C))'(2"/#(%/-%H$Q(%2/%"1E0/]'%E0/)0$1%$44'((";"‡"2Q%$#D%"#4‡FC("]"2Q7%

?7 N'I‡‡%0']"'H%D2%$;/C2%E$02"4"E$2"/#%"#%E0/)0$1(%(C4,%$(%.#2'#("]'(%"#%E$02#'0(,"E%H"2,%+$0''0%$#D%+"]"4%S#)$)'1'#2%2/%D'2'01"#'%H,'2,'0%2,'0'%$0'%$#Q%D"(E$0"2"'(%"#%E$02"4"E$2"/#*%H,'2,'0%;$('D%/#%0$4'='2,#"4"2Q*%(/4"/'4/#/1"4%(2$2C(*%/0%/2,'0%-$42/0(7%.-%H'%-"#D%D"(E$0"2"'(%"#%E$02"4"E$2"/#%/0%"#%/C24/1'(%0'‡$2'D%2/%/C0%E0/)0$11"#)%_D")"2$‡%4/1E'2'#4"'(*%"#-/01$2"/#%‡"2'0$4Q*%'247`*%H'%H"‡‡%E0/E/('%"#2'0]'#2"/#(%2/%4/00'42%2,/('%D"(E$0"2"'(%$#D%H"‡‡%H/0Z%H"2,%0'‡']$#2%(2$Z',/‡D'0(%2/%'#(C0'%H'I0'%4‡/("#)%2,'%)$E%"#%'#(C0"#)%1/0'%$44'((";‡'*%"#4‡FC("]'%E0/)0$1(7%

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3#'%/-%2,'%H$Q(%H'%4$#%4/#20";C2'%2/%'PC"2Q%$#D%$#2"K0$4"(1%$(%$%c0Q#%X$H0%D'E$021'#2%"(%2/%'#(C0'%1"#/0"2Q

L7 N '%H"FF%, /FD%:.J&%40/((KD"(4"EF"#'=40/((KD'E$02 1 '#2%2,"#Z%2$#Z(%$0/C#D%'2,"4(%$#D%aC(2"4'%"#%
2'4,=D2="#-/0 1 $2"/#%$#D%"D'#2"-Q%H$Q(%2/%'DC4$2'%$;/C2%2,'('%"((C'(%$#D%$;/C2%aC(2"4'K/0"'#2'D%
E0$42"4'(7%N '%H/CFD%2,'#%H$#2%2/%D'(")#%4/ 1 1 C#"2Q%"#2'#("]'(%/0%2'$4,K"#(%$0/C#D%2,'('%($ 1 '%
"((C'(%$#D%E0$42"4'(7%

@7 J0$#(E$0'#4Q%"#%/C0%E0$42"4'(%$#D%,/H%H'%(20C42C0'%/C0('F]'(%/0)$#"\$2"/#$FFQ%/#%2,'%;$4ZK'#D%2/%
-$4"F"2$2'%(,$0'D%$H$0'#'((%$#D%4/ 1 1 C#"4$2"/#%H"2,"#%:.J&%$#D%-/0%2,'%;0/$D'0%4/ 1 1 C#"2Q%

?7 N$Q(%'$4,%2'$ 1 %#$ 1 '(%"#2'#2"/#(%_4/ 1 1 C#"4$2"/#(%$#D%-C#42"/#`%$#D%EF$#(% %$44/C#2$;"F"2Q%"#%2,'%
4/FF')'% %(,$0"#)%/C2%/C0%EF$#(%

G7 X$Z"#)%(C0'%H',$]'%$%H"#D/H%"#2/%+/FF')'%$D 1 "#"(20$2"/#%

L7

E$02# ' 0"#)%H"2 , %(2CD ' #2% ' 1 EF / Q '