!"#$%&'($!)")*$+#,-*.',)/0$1*2".)3*#)$&4$56&#&3,6'$
56&#&3,6'$7889 0$56&#&3,6$:*2&.)'$9.,),#;0$<"==$>87?$

@&A.'*$"#B$@&#)"6)$C#4&.3"),&#$

C#').A6)&.D$	!"#$%&$'(")%
E44,6*$F&6"),&#D$	*!+%,-.%
G*=*2H&#*D$	/.012%34354.-6%
53",=D$	78$9:$;<=$'(")>?=?@<$A@%
E44,6*$I&A.'D$	!B%6C0056C30%9D%%
@="'$1"/'JG,3*D$	!B%3C005.C-E9D%
@="''.&&3D$	*!+%3.1%

MN@'?$%DP8$'"P%%?%?@):%P?%?SHHP(@?J%:P;AN@8?J%;N8$?J%P??"G;D$;8%";?8'@)8"N;?J%$8)<%)P;%($%
LN@;A%N;%8:$%MP;TP?%U$P;";G% !P;PGD;8%7S?8$D%)N@'?$%HNG";%V$(?"8$%P8%

9:N;$<%%7#S9$%VN'#?%T$'S'V$HHJ%P;A%V$%)P;%?:?:P'$%)'$$;?%?%8N%:$H9%)NDD@;;")P8$<%%R%V"HH%'$?9N;%A%8N%
$DP"HJ%(@8%'$P?N;;P(H%S%P8%DS%A"?)'$8"N;;%P;A%8"D$J%@?@?@PHH%$%";8:$%T$;";;G?%PL8$'%VN'#";;G%:N@'?<%%*N%
;N8%[9$)8%P;%"DD$A"P"P"P8$%$"9H$;S%8N%:$H9$D%:P<%%R%PA<%R%PD";:P8%%8:"8:8%8$;8J%:P<%R%P:8%DP8%N'?<%
PTP"HP(H$%7P8@'APS%N'%7@;APSJP;AR%DPS%N8%"$9HS%8N%N8:N8%DN8J%%8"H8:8$%LNHHHNV";G%
!N;APS<%

%
R%8S9")PHHS%AN%;N8%H";#%8N%N@?@@A$'@$;A$87JP";)"N)"PN)D%D$$A"P"P%:N%DP"P"P%P"""";*N%;N8%($%NLL$%A$A"L%SN@$%P?##%D$%$8N%H"$V"8:%
SN@T"P"U";#$PR;P;RR%AN;_8%$9HS%N'%";#<O:$$$%=@?8%;?;`8%P:S%VP?%8N;%N8H";#P?"A$$'%A$DP#$DS%
"G;N'";G%8:$$$U";#$PR;%$$a@$?8<%%O:"?%%N8$";:8;:G%9$?'$;A%Pb;$PT$$'PG$J%R%=@?8%%AN;#$%DS%
9'NL$??"N;$PH:$;$8VN'#%PTP"HP(H$%8N%N8:$;?8%8@P8<

@&A.'*$1*'6.,2),&#$$

O:"?%)N@'?$%A$T$HN9?%8:$$8?%8N%:$%?8@A$;8$?%8`?%P(";"8S%8N%("H8$S%8";%%$P?D'S%";ND")?%P?N;;";ND")<"$"P"N;;";ND%%
$[9'$??"N;<]%%O:$%)N@'?$%ATHN9?%8:$$8?%8%P(";"8%8S%%P'D;S%";D$PL)$8@'D%'%V'"8G%"?S%%8SHD%$%?%?%#"%?%%#"HHJ%

?8'@)8@'$A%)'"8")PH%8:";#";GJ%8:";#";G%V"8:";%8:$%$)N;ND")?%A"?)"9H";$J%PHH%V:"H$%@9:NHA";G%
:"G:%";8HH)8@PH%?8P;AP'A?⟨%%O:$%)N@'?$%8$P):$?%8:$%ZP)8N'% I ;PH%S?"?%NL%R;LN'DP8"N;%c"?#%
";8$';P8"N;PH%'"?#%P;PH%S?"?%?8P;AP'A%P%P%P%\D";"]%$)N;ND")%A"?)"9H";$%8:P%?8@A$;8?%8:$;%
V'"8$%)N''$)8HS%V"8:";⟨%%

@&A.'*$M&"='$$

%
O:"?%)N@'?$%?@99N'8?%8:$:$%F)N;ND")?%*$9P'8D$;8`?%MNDD@;")P8"N;%%^'NG'PD%U$P';";G%b(=$)8"T$⟨%%
78@A$;8?%(@"HA%?#"HH%?%";%P99HS";G%\$)N;ND")%'$P?N;";";G%P(N@8%8N9")?%NL%9'P)8")PH";8$'$?8%
)"8"d$;?J%L"'D?J%GNT$';D$;8?;8?%8:P;A%N8:$'%";?8"8@8"N;?%PH%P;A?N)"PH%G'N@9?J%8:'N@G::%9N#$;%P;A%
V'"88$;%N@8H$8$8?⟨]%

@&A.'*$F*".#,#;$EA)6&3*'$Q@FER$$

78@A$;8?%8?%V:N%?@))$??L@HH%S%)ND9H8%8:"?%)N@'?$%:PT$%A$DN;?8'P8$A%8:P8%8:$S%)P;%SC%
* Y;A$'?8P;A%P;A%P99HS%)'"8")PH%G%8$)::"a@$?%P;A%PH%S?"?%%8N%$)N;ND")")'9'N;(H$D?⟨
* I;PH%Sd$9'N(H$D?%L'ND%P;%\$)N;ND")%A"?)"9H";$%G%:"G:%";8$HH$)8@PH%?8P;AP'A?%
* ^H%P;J%N'GP;"d$J%$[$)@8$J%P%)N;8'N#%P%V'"8%G%P??"G;D$;8⟨%
* B'"8$%)N;%)"?$HSJ%@?";G%VN'A?%$LL")'"$;8%P;A%)N;ND")PHH%8N%)N;;T$S%A$P?⟨%
* B'"8$%P;A$A"8%LN'%(@?";$??P@A'%$;)$?⟨

:*LA,.*B$G*S)'J:*"B,#;'$$

G*S)N&&T'$

!"#$#%&"'()*+&,&$-J%,;A%FA"8"N;J%B PT$HP;A^'$??⟨,000⟨(S%$"'A'$%!)MHN?#$S⟨R7Ke%
f415-5E4466506354⟨% I TP"HP(H$%P%I DPdN;⟨⟩ND%";%P%g";AH$%T$'?'?N;⟨N'9'";⟨8%T$'?'?N;⟨*

%
*.,/(01))2033#$3)&$)4('+&,/)'$5)6+'"0J%-,8:%FA"8"N;%J%^$P'?N;%^'$??J%,0-6J%(S%&N?$9:⟨%
B"HH"PD?P;A&N?$9:%K"d@9⟨B"8:P))$??%! S B'"8";GUP(%f41505-35.6-E0,51⟨O:$%
'$a@"$$A%P;A))$??%P'AH"⟩$;?$8N%! S B'"8";GUP(%"?%(@;AH$A%V"8:8:$$:$:$$:P'A)N9S%(NN#⟨%XN@%
)P;N'AA"8"N;%(NN#%A"'$)8HSL'ND%^$P'?N;⟨^'$??%
:889⟨WWVVV⟨DS9'$N;?8N'$⟨)ND⟨(NN#?8N'$W?8SH$5;$V5DSV'"8";GHP(5TPH@9P#

<=>;)>⌂39);$'(/3⌂3).,'$5'+5J⍦O:$⍦b9$;⍦h 'N@9⟨⍦/ I TP"⍦P(⍦$⍦P?⍦P⍦;N5):P'G$⍦ANV;⍦NPA⍦
L'ND⍦:889?⟨W[VVV,⟨N9$;G'N@9⟨N'G⟩NG?S?⟩W)P8P⍦NG⟩WM-3h2⟨⍦⍦O:"?⍦?8P;AP'A⍦"?⍦9N?8$A⍦";⍦
MP;TP?⍦P?⍦V$⍦⍦⟨⍦

⍦

<@0$)A;B>)>⌂39);$'(/3⌂3)C+#"033)6:⌂50J⍦O:$⍦b9$;⍦h 'N@9⟨⍦/ I TP"⍦P(⍦$⍦P?⍦P⍦;N5):P'G$⍦
ANV;⍦NPA⍦L'ND⍦:889?⟨W[9@(⍦")P8"N;?⟨N9$;G'N@9⟨N'G⟩WG-10⌂⟨⍦⍦O:"?⍦G@"A$⍦"?⍦9N?8$A⍦";⍦MP;TP?⍦
P?⍦V$⍦⍦⟨⍦

E)H*.$:*"B,#;'$

b8:$'⍦'$PA";G?⍦P?⍦P??"G;$A⍦V"⍦⍦($⍦9N?8$A⍦8N⍦MP;TP?⟨⍦⍦⍦

E)H*.$)*6H#&=&;/$.*LA,.*3*#)'J*LA,23*#)J3")*.,"=$

ON⍦?@))$$A⍦";⍦8:"?⍦)N@'?$J⍦SN@⟨V"⍦⍦;$$A⍦P))$??⍦8N⍦P⍦)ND9@8$'⍦V"8:⍦";8$';$8⍦P))$??J⍦!7⍦
B N'AJ⍦!7⍦^NV$'9N";8J⍦P;A⍦P;⍦";8$';$8⍦('NV?$'⟨⍦

F,N."./$F,","'&#$$

M:'"?8P⍦KP"⍦$SJ⍦M:'"?8P⟨KP"⍦$S>?=?@⟨$A@⍦

@&A.'*$:*LA,.*3*#)'$"#B$U'',;#3*#)'$$

U'',;#3*#)'$

O:"?⍦)⍦P??⍦)N;?"?8?⍦NL⍦$[$')"?$?⍦P;A⍦8P#$5:ND$⍦P)8"T"8"$?J⍦V:")⟨:?8@A$;8?⍦$$A⍦8N⍦AT⍦⍦N9⍦?#"⍦⍦?⟨⍦⍦R⍦
$[9$)8⍦?8@A$;8?⍦8N⍦P88$;A⍦)⍦P??⍦P;A⍦9P'8")"9P8$J⍦P;A⍦

<,#"=$5S" 3 ,#"),&#$&.$5 -"=A"),&#$

O:$%L";P%$[PD%"?%)ND9'$:$;?"T$%P;A%N98"N;P%⟨%R8%)P;%'$9%P)$%8:$%D"A8$'D%$[PD%P8%8:$%?8@A$;8`?%
A"?)'$8"N;⟨

UP8$⅋9P'8")"9P8"N;⅋P??"G;D$;8?⅋/LN'⅋$[PD9ℍ$⅋9$$'⅋'$T"$V⅋P??"G;D$;8?2⅋:PT$⅋8:$⅋LNℍℍNV";G⅋
A$A@)8"N;?J⅋V:"):⅋P'$⅋DN'$⅋$[8'D⅋8:P;⅋V'"8";G⅋P??"G;D$;8?⅋⅋XN@'⅋L$ℍℍNV⅋?8@A$;8?⅋'$ℍS⅋
@9N;⅋SN@⅋8N⅋)ND9ℍ8⅋8:$⅋'$T"$V?⅋N;⅋?:N'8⅋8"D$ℍ";$?⅋⅋!"??";G⅋P⅋9$$'⅋'$T"$V⅋A$PAℍ";$⅋(S⅋
T;⅋N;$⅋APS⅋9@8?⅋SN@'⅋L$ℍℍNV⅋?8@A$;8⅋P8⅋P⅋?"G;"L")P;8⅋A"?PATP;8PG$⅋*N⅋;N8⅋8@';⅋";⅋ℍP8$⅋
9P'8")"9P8"N;⅋P??"G;D$;8⅋VN'#k⅋

- ⅋?$)N;A⅋8N⅋-⅋APS⅋ℍP8$C⅋,Em⅋NL⅋8:$⅋9$$'⅋'$T"$V⅋9N";8?⅋A$A@)8"N;⅋⅋
- ⅋APS i -⅋?$)N;A⅋8N⅋3⅋APS?⅋ℍP8$C⅋E0m⅋NL⅋8:$⅋P??"G;D$;8`?⅋9N";8?⅋A$A@)8"N;⅋
- !N'$⅋8:P;⅋3⅋APS?⅋ℍP8$C⅋;N⅋)'$A"8⅋⅋

⅋n⅋8:P8⅋VPSJ⅋"L⅋?ND$8:";G⅋)ND$?⅋@9J⅋SN@⅋:PT$⅋8"D$⅋8N'$P)8⅋
P;A⅋8N'$)NT$'J⅋V:"ℍ$⅋?8"ℍℍ⅋)ND9ℍ$8";G⅋SN@'⅋VN'#N;⅋8"D$$⅋⅋RL⅋SN@⅋P'Aℍ"T$'";G⅋VN'#⅋8N⅋
MP;TP?J⅋MP;TP?`?⅋'$)N'A⅋NL⅋?@(D"88PℍℍP;A⅋A$8$'D";P8"N;⅋NL⅋\ℍP8$]⅋"?⅋V:P8⅋R⅋'$ℍS⅋@9N;⅋⅋⅋⅋
MP;TP?⅋;N8⅋L@;)8"N;;"G⅋N'($";G⅋\?ℍNV]⅋"?;N8⅋P;⅋$[)@?$⅋LN'⅋ℍP8$⅋P??"G;D$;8?⅋⅋ON⅋PTN"A$⅋
P;S⅋#";A⅋NL⅋9'N(ℍ$D⅋P??N)"P8$A⅋V"8:⅋MP;TP?`?⅋)ℍN)#⅋N'⅋PTP"ℍP("ℍ"8SJ⅋**A.#$/&A.$W&.T$,#$***
*".=/ℤ⅋

R⅋AN⅋;N8⅋PℍℍNV⅋DP#$5@9⅋$[PD?⅋LN'⅋8:$⅋D"A8$'D⅋⅋RL⅋SN@⅋D"??⅋8:$⅋D"A8$'DJ⅋SN@⅋)P;⅋'$9ℍP)$⅋
"8⅋V"8:⅋8:$⅋L";Pℍ⅋$[PD⅋⅋

O:$⅋L";Pℍ⅋$[PD⅋)P;⅋($⅋DPA$⅋@9N;⅋ℍS⅋@9N;⅋P⅋T$'"L"P(ℍ$⅋D'G$;)S⅋)"')@D?8P;)$⅋N'⅋N8:$'⅋
)N;Lℍ")8⅋9$'⅋Y;"T$'?"?8S⅋9Nℍ")S⅋⅋O:$⅋DP#$@9⅋AP8$⅋V"ℍℍ($⅋P''P;G$A⅋P?⅋$$A$A⅋⅋7$$⅋D$⅋P?⅋
?NN;⅋P?⅋SN@⅋#;NV⅋SN@⅋:PT$⅋P9'9'N(ℍ$D⅋⅋ON⅋G$8⅋DP#$5@9⅋9'"T"ℍG$?J⅋SN@⅋D@?8⅋)N;8P)8⅋D$⅋
V"8:⅋SN@'T$'"L"P(ℍ$⅋;LN'DP8"N;;"L;#;NV;D0E#+0)8:$⅋$[PD⅋8N⅋'$?):A@ℍ$⅋8:$⅋
$[)$98"N;;N))@'?N;;8:$⅋APS⅋NL⅋8:$⅋$[PDJ⅋SN@⅋D@?8";LN'D⅋D$⅋8:P8⅋APS⅋8N⅋DP#$⅋SN@'⅋)P?⅋
LN'⅋P⅋'$?):A@ℍ$⅋⅋⅋

5S)."$@.*B,)$

R⅋NL01T j (.)/TT6⅋T$S'ℍ'"8$⅋$(8)0.20.2($)0U8$?⅋N'⅋N8)$?50-&P⅋:$A⅋0.2(98)0.2(")SS12589;0.2())⅋T$$?⅋SN⅋0.20.24

+#,-*.',)/$K&=,6,*'$$

^$'%Y;"T$'?"8S%^N%")S%7-65fJ%@;"T$'?"8S5V"A$%9N%")S%";LN'DP8"N;%'$%$TP;8%8N%P%%)N@'?$?J%
?@):%P?%P)PA$D")%";8$G'"8SJ%P))NDDNAP8"N;?J%$8)<%V"%%($%PTP"%P(%$%N;%bLL")$%NL%h 'PA@P8$%
P;A%Y;A$'G'PA@P8$%^'NG'PD?`%7S%%P(@?%R;LN'DP8"N;%V$(%9PG$%P8%
:889%WWVVV<?=?@<$A@WG@9W?S%%P(@?";LN%]%

%

%

56&#&3,6'$788 9 0$56&#&3,6$:*2&.)'$ 9 .,),#;0$<"=$>87?$
@&A.'*$!6H*BA=*$

78&3)3"805:(0)&3)3:D𝔽0",),#)"8'$-0)G&,8)'50H: ',0)$#,&"0)'$$#:$"05)&$)"('33)'$5),8+#:-8)4'$I'3)

9 **T$	1")*$	G&2,6'0$:*"B,#;'0$U'',;#3*#)'0$1*"B=,#*'$
-%	B%1W,-% %	7S𝔿P(@?J%)N@'?$%NT$'T"$V%P;A%N(=$)8"T$J%'$T"$V%NL%(P?")?J% ! S B '"8";GUP(J% *J"4(#390/)!"#$#%&"'()*+&,&$-)
,%	!%1W,6% B%1W,1%	*&((&'%3)K)L&M:@ℕ)2033#$3)0)P)Q$50+3, '$5&$-).,/(0)) *&((&'%3)K)L&M:@ℕ)2033#$)R)4#++0",$033)
3%	J)STR) B%fW.%%	U#)"('33)P)2'D#+)V'/) *&((&'%3)K)L&M:@ℕ)2033#$)W);",&#$3)
.%	!%fWf% B%fW--%	*&((&'%3)K)L&M:@ℕ)2033#$)X)48'+'",0+3)) *&((&'%3)K)L&M:@ℕ)2033#$)Y)4#803&#$).JS88

56&#\$788 9 \$!).")*;,*'\$4&.\$!A66*''D\$\$U#\$UBB*#BA 3 \$)&\$)H*\$! /="NA'\$

I ?⅛R`T\$⅛8P@G:8⅛F)N;⅛-00 B ⅛LN'⅛?ND\$⅛8"D\$⅛;NVJ⅛R⅛?\$\$⅛9P88\$';?⅛";⅛?8@A\$;8⅛V:N⅛?@))\$\$A⅛T?⊲⅛8:N?\$⅛
V:N⅛?8'@GG⅞\$⅛";⅛8:\$⅛)N@'?\$⊲⅛⅛R⅛NLL\$'⅛8:"?⅛PAT")\$⅛8N⅛SN@⅛P?⅛GNNA⅛9'P)8")\$?⅛8N⅛?@))\$\$A⅛";⅛8:\$⅛)⅞P??⊲⅛⅛R⅛
8:";#⅛8:"?⅛PAT")\$⅛"?⅛TP⅞@P(⅞\$⅛8N⅛SN@⅛($)P@?\$⅛'\$D\$D(\$'J⅛SN@⅛;\$\$A⅛P⅛MJ⅛;N8⅛P⅛M5J⅛";⅛8:"?⅛)⅞P??⅛8N⅛
9P??⅛8:\$⅛)⅞P??P;A⅛)ND9⅞\$8\$⅛8:\$⅛I '\$P⅛Q⅛Y;"T\$'?"8S⅛G'PA@P8"N;⅛'\$a@"'\$D\$;8⊲⅛⅛F??\$;8"P⅞⅞SJ⅛GNNA⅛
9⅞P;;";GJ⅛N'GP;"dP8"N;P⅞J⅛P;A⅛\$[\$)@8"N;⅛:P("8?⅛?\$9P'P8\$⅛8:N?\$⅛V:N⅛?@))\$\$A⅛\$P?"⅞S⅛LN'D⅛8:N?\$⅛V:N⅛
?8'@GG⅞\$⊲⅛⅛^⅞P;⅛

P;A⅍'$T"?$⅍P⅍A'PL8⅍'"G:8⅍PL8$'⅍SN@`T$⅍V'"88$;⅍"8J⅍SN@⅍NL8$;⅍'$PA⅍";8N⅍8:$⅍V'"8";G⅍V:P8⅍
SN@⅍VP;8⅍"8⅍8N⅍D$P;J⅍;N8⅍V:P8⅍"8⅍P)8@PⅢS⅍?PS?⟨⅍⅍XN@⅍;$$A⅍8"D$⅍PVPS⅍L'ND⅍8:$⅍A'PL8⅍
8N⅍'$A@)$⅍:NV⅍D@):⅍SN@⅍'$PA⅍";8N⅍8:$⅍V'"8";G⅍8:P8⅍"?;`8⅍8:$'$⟨⅍⅍⅍

F;?@'$⅍SN@'⅍9P'PG'P9:?⅍DP#$⅍)N;)'8⅍9N";8?⅍8:P8⅍?@99N'8⅍8:$⅍8:$"?"?J⅍8:$⅍DP";⅍
P'G@P(Ⅲ$⅍9N";8⅍NL⅍SN@'⅍9P9$'⟨⅍

o