Z%!*):!69*6!69%!>&,?*&!@,20*$6!('$&.+%!$,22(62%'6)!6,!*++<%))!69%!<,,6!$*.)%)!,3!3,<$%+!+()0&*$%2%'6/!69%!9.2*'(6*<(*'!'%%+)!,3!2(-<*'6)/!*'+!?%!*$$,20*'(%+!?1!69%!3('*'$('-!*'+!6%$9'($*&!).00,<6!3,<!%33%$6(5%!(20&%2%'6*6(,'A!

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B6!)9,.&+!+<*4!,'!%#()6('-!2.&6(=)6*:%9,&+%<!0<,$%))%)!_!),2%69('-!*&<%*+1!<%3%<<%+!6,!('!69%!2,+*&(6(%)!<%),&.6(,'!`!*'+!69%)%!2.)6!?.(&+!3<,2!69%!&,$*&/!-<*))<,,6)=&%5%&!,'!.0A!

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89%!4,2%'H)!<*00,<6%.<!('!69%!@(5(&!F,$(%61!;*1)!*))%<6%+!69*6!4%!)9,.&+!<%X%$6!69%!',6(,'!,3!4,2%'!*)!X.)6!*!a5.&'%<*?&%!0,0.&*6(,'b/!?.6!69%1!)9,.&+!?%!<%-*<+%+!*)!*+5,$*6%)!,3!<(-96)/!*'+!*-%'6)!3,<!$9*'-%A!!G++(6(,'*&&1/!69%!Z,2%'!('!D(-<*6(,'!Q%64,<:!9*)!*&),!$,2%!.0!4(69!*!)%6!,3!*$$,20*'1('-!0,('6)!,'!-%'+%<!3,<!69%!>&,?*&!@,20*$6/!49($9!1,.!$*'!3('+!*6!69%!?*$:!,3!69%!<,,2A!

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Z%!O&%+-%+!6,!)6<%'-69%'!,.<!3,$.)!,'!<%+=&('%)!,'!<%6.<'A!!Z%!.'+%<)6*'+!69*6!69()!2(-96!?%!*!6,.$91!0,('6!('!69%!$.<<%'6!$&(2*6%A!!W.6!4%!69('!:!69()!()!69%!<(-96!,00,<6.'(61!6,!9*5%!*'!9,'%)6!*'+!$,')6<.$6(5%!+(*&,-.%!69*6!()!<(-96)=!*'+!%5(+%'$%=?*)%+A!!B'!3*$6/!69%!'%#6!>KD;!@(5(&!F,$(%61!;*1)!('!W%<&('!4(&&!*&<%*+1!('$&.+%!*!)0%$(*&!cN=2('.6%!)6<*6%-1!)%))(,'!+%+($*6%+!6,!69()!()).%A!

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89,)%!*<%!69%!<%&*6%+!0,('6)!3<,2!69%!ONL]!@(5(&!F,$(%61!;*1)!('!;9*:*A!!89%<%!()!*!O=0*-%!?,,:&%6M!69*6!)2*<(V%)!*&&!,3!69%!9(-9&(-96)!,3!69,)%!@(5(&!F,$(%61!;*1)!*6!69%!?*$:!,3!69%!<,,2A!!BH+!&(:%!6,!,33%<!69*':)!6,!69%!@(5(&!F,$(%61!;*1)!@,,<+('*6('-!C33($%!`!d,9'!W('-9*2!*'+!9()!B@D@!6%*2

3(5%!<%-(,'*&!$(5(&!),$(%61!$,')..&6*6(,')!3,<!69%!>&,?*&!@,20*$6A!!Z%!O&*'!*'+!9,0%!
3,<!69%)%!6,!$,<<%)0,'+!*'+!3%%+!('6,!69%!)6*6%)H!$,').&6*6(,')!*)!4%&&A!

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K,<!69%!)(#!69%2*6($!$,').&6*6(,')/!4%!*&),!%#0%$6!6,!9*5%!<%0<%)%'6*6(5%)!,3!$(5(&!
),$(%61!*)!*$6(5%!0*<6($(0*'6)/!0*<6($.&*<&1!%#0%<6)!('!%*$9!<%)0%$6(5%!69%2*6($!*<%*A!

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89%!;(<%$6,<=>%'%<*&!('+($*6%+!69*6!I[!)6*6%)!9*5%!('+($*6%+!('6%<%)6!6,!.'+%<6*:%!
'*6(,'*&=&%5%&!$,').&6*6(,')A!!Z%!*<%!*&<%*+1!4,<:('-!6,!(+%'6(31!&,$*&!$(5(&!),$(%61!
3,$*&!0,('6)!('!%*$9!,3!69,)%A!!89()!()!',6!,'&1!3,<!$(5(&!),$(%61!6,!0*<6($(0*6%!('!69%!
$,').&6*6(,')/!

U%) , & . 6(, ' /!* ' +!(' !3*$6/!69%!?<(&&(* ' $%! , 3!S%6%<!F . 69%<&* ' +H)!<%0 , <6/!69*6!*&&!0 , (' 6%+!6 , !69%!
' %%+!6 , !9*5%!* ' !%33%$6(5%! 2 . &6(=)6* : %9 , &+%<!0< , $%)) !(' ! , <+%<!6 , !<%*$9!*! 2 %* ' (' -3 . &!
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F , !(6!()!6(2 %! ' , 4 !3 , <! .)!6 , !< , &&! . 0! , . <!$, &&%$6(5%!)&%%5%)/!* ' +!6 , !6* : %!*$6(, ' !6 , ! 4 , < : !6 , 4 *<+)!
69*6A!!G ' +! 4 %!& , , : !3 , < 4 *<+!6 , !+ , (' -!69*6!(' !0*<6 ' %<)9(0! 4 (69!*&&! , 3!1 , . A!
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