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, 3&.#4!5$6$&#73!893.76!0 : &#'!
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D.3&.-:!"$#=2:/.7!	"6)73:-:>)!	T=2$!CA4!@A@F!

#6&#73!$93.76!7:EE.99$$!&9!93$!'$%&#9E$29&-!:#!%#:>#&E!-$/$-4!&6!%$#!?$79.:2!@+g!:B!93$!
580!?$2&9$!":-.7)!Q@AFLR+!!

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73"-.-"-/*$'A$"&/$245E$F891$=C$;<=>GF8,/$H<C$;<;<$

U3.6!)$&#4!%-&26!3&/$!($$2!'.6#=%9$'!()!,:/.'HFG+!!U3$!&22=&-!,J580!7:2B$#$27$4!
13.73!91:!0:&#'!E$E($#6!.2!&''.9.:2!9:!93$!580!,:H:#'.2&9:#!1$#$!%-&22.2>!9:!&99$2'4!
1&6!7&27$--$'+!!!

?.E.-&#-)4!.9!3&6!2:9!($$2!%:66.(-$!9:!&##&2>$!93$!%#:%:6$'!0:&#'!''.67=66.:2!1.93!"#:B!
b.--!/&2!'$2!\::2&&#'!#$!&-9$#2&9./$!1&)6!:B!7:2'=79.2>!$93.7&-!#$/.$1+!!U3.6!1.--!($!
673$'=-$'!:27$!93$!7=##$29!#$69#.79.:26!&#$!-.B9$'+!

I9),*$A'0$245$-,$;<;<?;<;=$

U3$!580!1.--!7:29.2=$!93$!1:#_!:B!#$/.$1.2>!#$6$&#73!B.-$6!&2'!7:26=-9.2>!1.93!?UV!
#6&#73$#6+!*#!0&-'1.2!7:E%-$9$6!3.6!93#$$!)$&#H9$#E!&6!,3&.#!:B!93$!580!&6!:B!CA !
T=2$!@A@F+!!J##&2>$E$296!2$$'!9:!($!E&'$!B:#!$.93$#!#$2$1&-!:B!*#!0&-'1.2f6!9$#E!:#!
B.2'.2>!&!2$1!,3&.#+!!d./$2!93$!&79./.9)!:B!93$!5804!.9!.6!3.>3-)!#$7:EE$2'$'!93&9!93.6!
E&99$#!($!&''#66'!1$--!.2!&'/&27$!:B!93$!&7&'$E.7!)$&#!@A@FH@@+!

b $!1.--!#$/.$1!93$!7=##$29!T:9B:#E6!9:!.#:2!:=9!&!2=E($#!:B!1#.2_-$6!.2!93$!%#:7$66+!!
b 3.-$!93$!-&#>$!E&[:#.9)!:B!&%%-.7&9.:26!&#$!7:E%-$9$'!&2'!#$7$./$'!1.93:=9!%#:(-$E4!
93$#$!3&/$!($$2!&!B$1!:77&6.:26!13$2!93$!T:9B:#E!6)69$E!3&6!2:9!6&/$'!&2!&%%-.7&29f6!
1:#_+!

09!.6!69.--!93$!%#&79.7$!9:!#$P=.#$!0:&#'!E$E($#6!9:!7:E%-9!93$!U,"?!,M58!9#&.2.2>+!!
T$22.B$#!*.7_.6:2!3&6!':2$!6:+!!

0B!93$!&22=&-!,J580!7:2B$#27!.6!3$-'!.2!93.6!7:E.2>!)$&#4!93$!5$6$&#73!,:H:#'.2&9:#!
&2'!91:!E$E($#6!:B!93$!580!1.--!&99$2'+!

"#$6$29&9.:2!&9!@A@AH@A@F!,3&.#6!;!*.#$79:#6!&2'!JD,!D$$9.2>6!

09!3&6!($$2!#$>=-&#!%#&79.7$!B:#!93$!580!,3&.#!9:!%#$6$29!9:!93$!*$%&#9E$29&-!,3&.#6!;!
*.#$79:#6!&9!:2$!:B!93$.#!E:23-)!E$$9.2>64!&6!1$--!&6!93$!&'E.2.69#&9./$!9$&E6!&9!&2!
JD,!E$$9.2>+!d./$2!93$!7=##$29!6.9=&9.:2!1.93!,:/.'HFG4!.9!.6!2:9!_2:12!.B!93.6!1.--!
3&%%$2!93.6!6$E69#+!09!.6!69#:2>-)!#$7:EE$2'$'!9:!_$$%!:%$2!93.6!:%9.:2!B:#!-&9$#!.2!93$!
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93$!%:66.(-$!'.6#=%9.:2!9:!#6&#73!&2'!%:9$29.&-!'$-&)6!.2!93$!#$/.$1!%#:7$66+!02!#$6%:26$4!

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