

/ 0 . - +310 283 / , !93+1

L2!D<(!()-!,I!D<(!+, . '0(:!2, .!0<, ."-!B(!\$B"(!D,4!

Q-()D#I2!D<(!I.)-\$&()D\$'0!,I!&#+',(+,),&#+!D<(, '2!

HTC"\$#!<,O!+,)0.&('0!&\$P(!-(+#0#,)0!#)!D<(!I\$+(!,I!0+\$'+#D2!\$)-!<,O!D<(0(!-(+#0#,)0!/\$'2!#)!'(OC,)0(!D,!

+<\$)N(0!#)!D<(!(+,),&#+!()/#',)&()D!

HTC"\$#!<,O!I#&0!&\$P(!-(+#0#,)0!#)!D<(!I\$+(!,I!0+\$'+#D2!\$)-!<,O!D<(0(!-(+#0#,)0!/\$'2!#)!'(OC,)0(!D,!

+<\$)N(0!#)!D<(!(+,),&#+!()/#',)&()D!

K, &C\$'(!+,)0.&('!\$)-!C', - .+('!B(<\$/#, '!'(0."D#)N!I', &!D<(!-#II(')D!D2C(!, I!&\$'P(D!OD' .+D.'(0!

9CC"2!\$"N(B'\$#+:!N'\$C<#+\$'!\$)-!+\$'+. "0!D, , "0!D, !&#+', (+,), &#+!D<(, '2!

9CC"2!&#+', (+,), &#+!C'#)+#C"(0:!D<(, '#(0!\$)-!&, - ("0!D, !+'#D#+\$""2!\$)\$"2c(!\$)-!(TC"\$#!)(+,), &#+!0#D.\$D#,)0!

()+, .)D('(-!#)!D<(!('\$!O, ""-!D<\$D!#) / , "/(!&#+', (+,), &#+0!

K, &&.)#+\$D(!D<(!'(0."D0!, I!(+,), &#+!\$)\$"20#0!#!\$!+"(\$'!\$)-!C', I(00#,)\$!OS2!

!

- 37 .! - 351 / 0 . - +31 : ; , 3 - ! ; <+1

K, . '0(!R(B0#D(4!<DdC04dd+\$)/\$0%+, ., '\$-,%(-.d!K\$)/\$0^!e '\$-(0!\$)-!\$)2!I. 'D<('!\$--#D#,)\$!'(\$-#)N0!O#""!B(!C, OD(-!,)!

K\$)/\$0%!"(\$0(1+<(+P!K\$)/\$0!I'(`. ()D"2!I, '!\$)2!'("(/\$)D!), D#I#+\$D#,)Od+<\$)N(0!D<\$D!&\$2!, ++. '!D<', .N<, .D!D<(!+, . '0(%!

!

;(TDB, ,P!]'(`.#'(-^4!!

1 #+', (+,), &#+0!O#D<! 1 2G\$B:!8th!H-#D#m/TT 1 4c46004D#- 1 3(, 32.64670q0.24- 1 (#)TT2) - 1 (- 1 (+) - 1 (P) - 1 (!) - 2(\$) - 1 () - 1

39 ; . < ; , ! 0 * 1 ; * 5 1 = - ; 5 ! * = 1

K, . ' 0 (! N ' \$ - (0 ! O # ' ' ! B (! - (D (' & #) (- ! B 2 ! D < (! + , & C " (D # ,) ! , I ! \$ 0 0 # N) & () D 0 : ! (T \$ & 0 : ! \$) - ! - # 0 + . 0 0 # ,) 0 ! \$ 0 ! 0 < , O) ! B (" , O 4 !

3? , - ; 1/ - 35!, 1

9)2!(TD'\$!+'(-#D!,CC,'D.)#D#(O!O#""B(!-(D('&#)(-!B2!D<(!#)OD'.+D,'!\$)-!\$),.)+(-!D,!D<(!()D#'(!'\$00%!!

1

; ++! = * : 3 * , +1

!#-%@/'"48.%(/#**\$:7"(7+*!]=6!?VQX;@^!a!;<('(!O#""B(!DO("(!]ZM^!M=7C,#)D!(\$"27&,-.!"(\$00#N)&()DO!;<#0!(\$"27
&,-.!"(O,'P!#0!-(0#N)(-!D,!('&#)-!2,!.!I!&\$D<!\$)-!?'#)+#C"(O!,I!1#+',(+,),'&#+!+,)+CDO!)+(OO\$'2!D,!B!
0.++(OOI."#)D<\$D!&,-.!"(H\$"2!&,-.!"(\$00#N)&()DO!\$'(!,C!)!B,,P!\$)-!,C!)!D(O%\ ,.!"<\$/(!DO,!\$DD(&CDO!\$D!(\$+<!
(\$"27&,-.!"(\$00#N)&()D:D<(!<#N<(OD!N'\$-(!+,.)DO:\$)-!D<(!",O(OD!DO,!]M^!\$'(!-',CC(-!I',&!2,.'!I#)\$"N'\$-(
+\$"+."\$D#,)!H\$"27&,-.!"(O,'P!O#""B(!O.B&#DD(-!D<',.N<!K\$)/\$0!,!'12G\$B!\$)-!\$'(!-.(!,)!;.(0-\$20%!

!E7L,\$8(4M.\$NN(*]Z66!?VQX;@^!a!;<('(!O#""B(!D!(\$D!(\$0D!=6!M7C,#)D!#)7/#-(,!`.#cc(0%\ ,.!"O#""O\$D+<!(+D.'(!
/#-(,0!\$)-!\$)0O('!`.(OD#,)O!-.#)N!D<\$D!/#-(,%X,D!\$""!/#-(,0!<\$/(!#)7/#-(,!`.#cc(0%);<(!D,D\$"!C,00#B"(!C,#)DO!I,'!
(\$+<!#)7/#-(,!`.#c!#0!M:'(N\$'-(OO!,I!D<(!).&B('!,I`.#c!`.(OD#,)O!#)D<(!/#-(,%!;<(O(!`.#cc(0!\$'(!,C!)!B,,P!\$)-!
,C!)!D(O%\ ,.!"<\$/(!DO,!\$DD(&CDO!\$D!(\$+<!#)7/#-(,!`.#c!D<(!<#N<(OD!N'\$-(!+,.)DO:\$)-!,)"2!D<(!<#N<(OD!=6!+,.)D!
D,OS'-0!2,.'!I#)\$"N'\$-(!+\$"+."\$D#,)!%Q)7/#-(,!`.#cc(0!O#""B(!O.B&#DD(-!D<',.N<!K\$)/\$0!.0#)N!D<(!D,,!"
W?"\$2?,0#D[!\$)-!\$'(!-.(!,)!k'#-\$20%!!

!

B\$*2.**\$47*/>6!?VQX;@^!a!;<('(!O#""B(!I,.'!J^!M67C,#)D!-#0+.00#,)0:\$)-!,)"2!2,.'!<#N<(OD!D<('(!]5^!0+,'(O!
+,.!)D!D,OS'-!2,.'!I#)\$"N'\$-(%!;<(O(\$00#N)&()DO!\$'(!#)D(-(-!D,!<\$/(!2,.!D,!#)D('\$+D!O#D<!+\$00&\$D(0!\$)-!B.#"-!
+,&&.)#D2!;<(!-#0+.00#,)!O#""!,+."!\$02)+<',),.0"2f!Q!O#""!C,OD!\$!-#0+.00#,)!'`.(OD#,)!:\$)-!2,.'!O#""!(OC,)-!D,!
D<(!`.(OD#,)O!\$D!2,.'!+,)/()#)+(!C'#,'!D,!D<(!-(!-D(\$!F#0+.00#,)O!\$'(!,C!)!B,,P!\$)-!,C!)!D(!\$)-!O#""B(!
O.B&#DD(-!D<',.N<!K\$)/\$0!k,'!(\$+<!-#0+.00#,)!2,.'!#)D#"\$!-#0+.00#,)!C,OD!O#""B(!-(!0(/('\$!-\$20!C'#,'!D,!2,.'!
-#0+.00#,)!'(OC,)O(!:!0,!C"(\$0!),D!D<,0(!#)-#/#-.\$"-(\$-"#)(0,)!K\$)/\$0!

!H(-2\$*(*/]Z>=!?VQX;@^!a!;<('(!O#""B(!DO("(!]ZM^!Z=7C,#)D!(T('+#0(0%);<(!I,'&\$D!,I!(T('+#0(O!O#""B(!&."D#C"(!
+<,#+(!+\$"+."\$D#,)0:\$)-!0<,'D!\$)0O('0!\$)-!O#""B(!,C!)!B,,P!\$)-!,C!)!D(O%\ ,.!"O(OD!,)(!]Z^!(T('+#0(!#0!
-',CC(-!I',&!2,.'!I#)\$"N'\$-(!+\$"+."\$D#,)!%!!;<(O!(T('+#0(O!\$'(!/'2!0#&#"!\$'!D,!D<(!C',B"(&!0(DO%\ ,.!"<\$/(!DO,!
\$DD(&CDO!\$D!(\$+<!`.(OD#,)!),!D<(!T('+#0(%!HT('+#0(O!O#""B(!O.B&#DD(-!D<',.N<!K\$)/\$0!,!'12G\$B!\$)-!\$'(!-.(!,)!
)-\$20%!!

<-4)%('/6(+*/]MY=!?VQX;@^!a!;<('(!O#""B(!DO("(!]ZM^!M=7C,#)D!C',B"(&!0(DO%);<(!I,'&\$D!,I!D<(!C',B"(&!0(DO!O#""!
B(!&."D#C"(!+<,#+(!+\$"+."\$D#,)0:\$)-!0<,'D!\$)0O('0!\$)-!O#""B(!,C!)!B,,P!\$)-!,C!)!D(O!B.D!2,!.!)2!<\$/(!,)('D'2!
C('!`.(OD#,)!%\ ,.!"O(OD!,)(!]Z^!C',B"(&!0(D!#0!-',CC(-!I',&!2,.'!I#)\$"N'\$-(!+\$"+."\$D#,)!%?',B"(&!0(DO!O#""B(!
O.B&#DD(-!D<',.N<!K\$)/\$0!,!'12G\$B!\$)-!\$'(!-.(!,)!1,)-\$20%!

!

M% 0%\$7(/<-42+4-\$7:/P\$+0/<-42+4-\$4!

; <(!F(C\$'D&())D!,IH+,),&#+0!\$D!D<(!J)#/'0#D2!,I!K,",'\$- ,!L,.-"-'!.0(0!D<(!,)"#)(!C',+D,'#)N!D,,";! ?',+D,'#,:!I,'!D<(!C',+D,'(-!(T\$&0%!

@P#""!_(`.#'(&())D0!

@D.-()D0!\$"0,!)((-!D,!C,00(00!B\$0#+!+,&C.D('!0P#""0:!0.+<!\$04!

- o b,O!D,!0(!\$!O(B!B',O0('!\$)-!O,'-!C',+(00, '!)
- o b,O!D,!

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- 3 < != ! 0 . +1