

/ 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("/(!JZM^!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,!JMA!\$'(!-',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(*JZ66!?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:!('NS'-(00!,I!D<(!).&B('!,I`.#c!`. (OD#,)O!#)D<(!/#-(,%!;<(0(!`.#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,.'!JA^!M67C,#)D!-#0+.00#,)0:\$)-!,)"2!2,.'!<#N<(OD!D<('(!J5^!0+,'(O!
+,.)D!D,OS'-!2,.'!I#)\$"N'\$-(%!;<(0!(\$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\$*(*/JZ>=)!?VQX;@^!a!;<('(!O#""B(!DO("/(!JZM^!Z=7C,#)D!(T('+#0(0%!;<(!I,'&\$D!,I!(T('+#0(0!O#""B(!&."D#C"(!
+<,#+(!:+\$"+."\$D#,)0:\$)-!0<,'D!\$)0O('0!\$)-!O#""B(!,C!)!B,,P!\$)-!,C!)!D(O%\ ,.!"O(OD!,)(!JZ^!(T('+#0(!#O!
-',CC(-!I',&!2,.'!I#)\$"N'\$-(!+\$"+."\$D#,)!%!;<(0!(T('+#0(0!\$'(!/'2!0#&#"#\$'!D,!D<(!C',B"(&!0(DO%\ ,.!"<\$/(!DO,!
\$DD(&CDO!\$D!(\$+<!`. (OD#,)!),!D<(!T('+#0(!HT('+#0(0!O#""B(!O.B&#DD(-!D<',.N<!K\$)/\$0!,!'12G\$B!\$)-!\$'(!-.(!,)!
@.)-\$20%!

<-4)%('/6(+*/JMY=)!?VQX;@^!a!;<('(!O#""B(!DO("/(!JZM^!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!,)(!JZ^!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,!

1

- 3 < != ! 0 . +1