

=B=B=B=H-\$&&/d1E.;'1*(M"1E,E([#+1*?(YM\$#3*(7.(S.(K+#'V(:#+''+(@19.#,E(J,E+5.5/(\$1(*4,(
S.1 L#+E\$*\$1+&(!&+33#..'?\(a+f+34(!,1*,#(9.#(:,+%4\$15(+1E(-,+1\$15(\$1(:4,.&.5/(+1E(
e,&\$5\$.1D
=BHb=B=ß

E(8;!,(1;!B;0/+,*04A! !

(
PP-(=>=< d&,'1*+##(S,;(:,3*+',1*([#,U(@@?;\$*4(Q\$'(P&+1U,134\$8('O8#\$15(=BBRc
PP-(=>H< d&,'1*+##(S,;(:,3*+',1*([#,U(@@?;\$*4(Q\$'(P&+1U,134\$8('M+&&(=BB<c

(
(
7\$'6&2&'+&0 #2&/&(-\$/0,)0 F \$27/1\$/ !

(
YN+##/3?(N.*4,#3?(+1E(N.1\$U,#3V(J,#8,*"+(+3(J4\$&.3.84,#?(/8#,3,1*,E(+*(:4,(M,'+&,(.)\$%,(\$1(
J4\$&.3.84\$%+&(!.12,#3+*\$1.13?(I"3*#+&\$+1(!+*4.&\$%(01\$2&3\$)(Q31,(=B=RD

P..U(7\$3%"33\$.1V(YN\$##.#3(.9(*4,(7\$2\$1,V(-+*,(I1%\$,1*(I4#\$3*\$+1\$*/(+1E(*4,(\$3\$4,(9(I.E
d+##&/(!4#\$3*\$+1(+1E(-+*,(I1%\$,1*(O"*E\$,3(e,+E\$15(4#08\$2,#3\$*/(.9(I4\$%+5.?(Q+1"+##/
=B=RD

P..U(J+1,&V(YN\$##.#3(.9(*4,(7\$2\$1,V(-+*,(I1%\$,1*(I4#\$3*\$+1\$*/(+1E(*4,(\$3\$4,(BQ)E?/(+*(
I11"+&(J+*#\$3*\$%?(N,E\$,2+&?(+1E(e,1+\$33+1%,(O"*E\$,3(!.19,#,1%,(+*)&&+1.2+(01\$2,#3\$*
W%*.f,#(=B=<D

YI#\$3*(.9(T."#(W;1(@'+5,(\$1([#,5.#/(.9(S/33+?)(8#,3,1*,E(+*4,(S.#*4(I',#\$\$%+1(J+*#\$3*\$%3(O.%\$,*/(
I11"+&(N,,\$15(\$1(I4\$%+5.?(@-?(N+/(=B==D

YI"5"3*\$1,_3(N+15&,E(N\$##.#V(e4,*.\$%(.9(*4,(O,&9?(*4,(7\$2\$1,?(+1E(*4,(W*4,#)(*.(4+2,(f,,1(8#,3,1*
+*4,(S.#*4(I',#\$\$%+1(J+*#\$3*\$%3(O.%\$,*/(I11"+&(N,,\$15(\$1(I4\$%+5.?(@3?)(N+1/2=B=BD(
5*<04*5&59*&(\$3\$351*,E(+*(#,%4,E"&,E(%.19,#,1%,(\$1(N+/(2B="#15&8/A)-<

YJ,#9,%*,E(J,#%,8*\$1V(Z1.;&,E5,(.9(I.E(\$1(I&,'1*(.9(I&,X+1E#\$+\(8#,3,1*,E(6(*4,(
@1*.#1+*\$.1+&(!.19,#,1%,(.1(J+*#\$3*\$%3(O"*E\$,3?(WX9.#E?(OZ?(I"5"3*(=BHbD

D*%A\$-5*(Y!+1(a,(:,&&+(M,\$1\$3*(K\$3*#/(.9(Q,#"3+&,k\)(8+1,&\$3*(+1E(#,38.1E,1*(.(O+#\$(Z+**+1(
[#f,^_3(&,%*"#,(+*(-./.&+(01\$2,#3\$*/(I4\$%+5.(\$1(M,f#"f#/(=BHbD

YN,E\$%+&&/N.E\$9\$,E(d,3V(I(P+8*\$3'+&(!+*##+*%(O"#5,#/(\$1(I&,'1*(.9(I&,X+1E#\$+\(\$12\$*,E(*.(f,(
8#,3,1*,E(+*4,(d+##&/(!4#\$3*\$+1(O"*E\$,3(a.#U34.8(+*(:4,(01\$2,#3\$*/(.9(I4\$%+5.(7\$2\$1\$*/(
O%4..&(\$1(I4\$%+5.?(@-?(W%*.f,#(=BHGD

YJ.#."3(P.E\$,3(+1E(*4,(O,+&(.9(J#+/#(\$1([#,5.#/(.9(S/33+)(8#,3,1*,E(+*4,(S.#*4(I',#\$\$%+1(
J+*#\$3*\$%3(O.%\$,*/(I11"+&(N,,\$15(\$1(I4\$%+5.?(@-?(N+/(=BHGD

Y:4,%&+V(I1(d+##&/(!4#\$3*\$+1(a.1E,#(a.#8#),1*,E(+*4,(;4,..&.5/(7,8+##,1*(N+h.#3(I(N\$1.#3(
d2,1*?(-./.&+(01\$2,#3\$*/(I4\$%+5.?(N+##%4(=BHGD

:0-*&I#@0-"N*#&0-5&3\$2\$1&.#8"3D\W#5+1\$^,E(+1E(%4+\$#,E(8#0R)@&!5"*0<&O5"*%?&
<>*4(I11"+&(N,,\$15(.9(*4,(@&&\$1.\$3(N,E\$,2+&(I33.%\$+*\$1(\$1(I4\$%+5.?(@-?(M,f#"f#/(=BHG

:0-*&I#@0-"N*#&0-5&3\$2\$1&.#8"3D\W#5+1\$^,E(+1E(%4+\$#,E(8#0R)@&!5"*0<&
O5"*%?&(I11"+&(N,,\$15(.9(*4,(@&&\$1.\$3(N,E\$,2+&(I33.%\$+*\$1(\$1(I4\$%+5.?(@-?(M,f#"f#/(=BHG

YI(P+8*\$3'+&(!+*##+*%(O"#5,#/V(I&,'1*(.9(I&,X+1E#\$+\(8#,3,1*,E(.1(+1(\$12\$*,E(8+1,&?:(4,(P.E/(\$1(
d+##&/(!4#\$3*\$+1\$*/?(*4,(S.#*4(I',#\$\$%+1(J+*#\$3*\$%3(O.%\$,*/(I11"+&(N,,\$15(\$1(I4\$%+5.?(@
=BHFD

3\$FF*-(0(\$#&0-5&D*%A\$-5*(Y!+1(a,(:,&&+(M,\$1\$3*(K\$3*#/(.9(Q,#"3+&,k\)(8+1,&\$3*(+1E(#,38.1E,1*(.(O+#\$(Z+**+1(
O/8.3\$"(1 P&+U,(7"*".1 @9@9%("-*&0-5&8B\$A(!2\$%F\$?)(M,f#"f#/(=BHFD

Y:,*##&\$+1_3(J+1.8*\$%3(J,#9.#+1%,V(7/1+'\$%3(.9)3\$'+&(J.;#/(8#,3,1*,E(+*4,(S.#*4(I',#\$\$%+1(
J+*#\$3*\$%3(O.%\$,*/(I11"+&(N,,\$15(\$1(I4\$%+5.?(@-?(N+/(=BHAD

YW8*\$%+&(:4,##/(+1E(N/3*\$%+&(N,*+84.#3(\$1([#,5.#/(.9(S/33+)(8#,3,1*,E(+*4,(S.#*4(I',#\$\$%+1(
!.19,#,1%,(.1(J+*#\$3*\$%3(O"*E\$,3?(WX9.#E?(OZ?(I"5"3*(=BH>D

Y@1(*4,(d,3(.9(*4,(P.4.&E,#V(W8*\$%+&(:4,##/(+1E([#,5.#/(.9(S/33+_3(N/3*\$%+&(N,*+84.#3(\$1([#,5.#/(.9(S/33+
20-(2\$#0F#),1*,E(+*4,(I11"+&(!.&&."\$"(1([#,5.#/(.9(S/33+(\$1(e,'?(@*+&/?
O,8*,f,#(=BHRD

