



!"#\$%&' (&) \* + \$, ,&  
 "\$\$\$"##' !(%) \* +!  
 , - # ' . // 0 1, "#2+3#!  
 "\$%& #\$\$' (#) \* ! " +, , - . / &  
 0 / 1 !2/34/5!6-75!89- : /34-75!  
 ; /<=37> /97!+, !? -47+35!  
 2/34/5!6-75!02!\$A(\$)!

A

BCD ; D!-9! ? -47+35! 89- : /34-75!+, !E+9F+9!GHIH47!#\$\$(\$!

J3=7H=7!/K7HF5!-9! ? -47+35!6-75!89- : /34-75!+, !0 / 1 !L+3M! J3=7H=7!/6/97/3!%NNA'%NNN!" (O! .3/F-74&!

PG!-9! ? -47+35!QH7I/34!89- : /34-75!R=5!%NNA!

A A

0 / 1 !2/34/5!6-75!89- : /34-75!  
 ; /<=37> /97!+, !? -47+35!  
 ; /<=37> /97!6C=-3!K<3-9I!#\$\$\$' <3/4/97!  
 G44-47=97!B3+, /44+3!S=TT!#\$\$%\* ' <3/4/97!  
 GFUH9.7!B3+, /44+3!S=TT!#\$\$%# 'KH> > /3!#\$\$%\*!  
 V-4-7-9I!G44-47=97!B3+, /44+3!S=TT!#\$\$N'KH> > /3!#\$\$%#!  
 GFUH9.7!B3+, /44+3!S=TT!#\$\$W'K<3-9I!#\$\$N!

X947-7H7+Y/ .9+TZI- .+!5!F/! [ 47HF-+4!KH</3+3/4!F/!R+97/33/5!  
 ; /<=37> /97!+, !K+ .-=T!K. -/9. /4!6=><H4!K=97=!6=7=3-9=@!OH/ : +!E/Z9!R / \ - . +!  
 B3+, /4+3!F/!6]7/F3=" : -4-7-9I!T/ .7H3/3&!2=9H=35!#\$\$)!7+!K/<7/> ^/3!#\$\$%\*!  
 [4.H/T=I/F/!J3=7H=F+4!/9!GF>-9-473=-.Z9!5! ; -3/ . .-Z9!F/! [ ><3/4=4!  
 X9473H.7+3!-9!R=47/34!-9!X97/39=7+9=I!PH4-9/44!<3+I3=>@!K<3-9I!#\$\$%\*!

6-75!89- : /34-75!+, !0 / 1 !L+3M!GFUH9.7!G44-47=97!B3+, /44+3!  
 L+3M!6+TT/I/! ? -47+35! ; /<=37> /97!S=TT!#\$\$%#!  
 P+3+HIC!+, !R=9C=77=9!6+>>H9-75!6+TT/I/!K+ .-=T!K. -/9. /4! ; /<=37> /97!S=TT!#\$\$%#!  
 E=!JH=3F=!6+>>H9-75!6+TT/I/!K+ .-=T!K. -/9. /4! ; /<=37> /97!KH> > /3!#\$\$%#!  
 6+TT/I/!+, !K7=7/9!X4T=9F! ? -47+35! ; /<=37> /97!S=TT!%NNW'K<3-9I!%NNN!KH> > /3!#\$\$%#!  
 6-75!6+TT/I/!+, !0 / 1 !L+3M! ; /<=37> /97!+, !? -47+35!K<3-9I!#\$\$A'KH> > /3!#\$\$N!

KH, ,+TM!89- : /34-75!"P+47+9!R=44=.CH4/774&!  
 ; /<=37> /97!+, !? -47+35!K/9-+3!E/ .7H3/3!K<3-9I!#\$\$\$'S=TT!#\$\$O!  
 K/ .+9F!E=9IH=I/!K/3:-. /4!GFUH9.7!E/ .7H3/3!S=TT!#\$\$\$'S=TT!#\$\$O!

89- : /34-75!+, !R=44=.CH4/774'P+47+9!!  
 ; /<=37> /97!+, !? -47+35!GFUH9.7!E/ .7H3/3!K<3-9I!#\$\$O `S=TT!#\$\$O!  
 ; /<=37> /97!+, !G>/3-. =9!K7HF-/4!GFUH9.7!E/ .7H3/3!K<3-9I!#\$\$('S=TT!#\$\$O!

**B A**

B//3'3/:-/1/F!^++M4

"0/1!P3H941-.Ma!QH7I/34!89-:/34-75!B3/44@!#\$#%&D

bYC/!B+T-7-.4!+,! ; =4C-/TT! ?=>> /77c4! d!  
O\$aO!" ; /./> ^/3!#\$A&@!%N' (O!kQ/<3-97/F!-9!  
@!#\$%AID!

(D! f 7C/3!=37-.T/4!

PH-TF-9I!K+T-F=3-75a!YC/!B=44=-. !Y/\7-T/!K73-M/!"%N#\*!S-T>&@! 2=9H=35!#\$###!

bYC/!%N#\*!B=44=-. ! e ++T!K73-M/@! @!%Na!"K<3-9I!#\$%A&a!#( '#ND!

bYC/!B=375!=9F!PT=.M!E-^/3=7+9@d!-97/3:-/ 1!^5!K. +77!R .E/> //@! GHIH47!  
#\$%)D!

bYC/!G>/3-.=9!6+>>H9-47!B=375!=9F!7C/!6+>>H9-47!X97/39=7+9=T@!%N%N'%N#N@d!  
%A!"#\$O&a!%%'OD!

OD!P++M!.C=<7/34!

bYC/!B+T-7-.4!+,! ; =4C-/TT! ?=>> /77c4! d! @!: +TD!( (N!  
'\$%A&@!%N%'#\$!k3/<3-97/F!,3+>! @!#\$%AID!

bXT!Q+HT+!F/T!6+>-97/39!9/!B3->-! ; /.-!G99-!F-!V-7=!F/T!B=37-7+!6+>H9-47=!G>/3-.=9+d!kYC/!Q+T/!  
+!,7C/!6+>-97/39!-9!7C/!S-347!Y/9!L/=34!+,!7C/!G>/3-.=9!6+>>H9-47!B=375!@!-9!

@!V+TD!( @!/FD!

B-/3!B=+T+!B+II-+!" R -T=9+a!2=.=!P++M@!#\$% (&@!O%'\*\$D!

### A

G47/3-4M!"m&!-9F-. =7/4!7=HIC7!+9T-9/!=9F!-9' .T=44\_!F+H^T/!=47/3-4M!"mm&!-9F-. =7/!7=HIC7!+9T-9/!+9T5D!

%D!

?XKY!%)\$a!G>/3-.=9! ?-47+35!7+!%W\*)!"m&!

?XKY!%)#a!G>/3-.=9! ?-47+35!4-9./!%W\*)!

?XKY!%\*#a!X973+FH.7+9!7+!E=7-9!G>/3-.=9!6-:-T-j=7+9!"mm&!

?XKY!#%\*a! e +3TF! e =3!XXa! [ H3+</!"m&!

?XKY!#(%a!YC/!89-7/F!K7=7/4!-9!7C/! e +3TF!" J /9/3=T! [ FH.=7+9&!

?XKY!#((a!P/5+9F!P+H9F=3-/4a! ?-47+3-.=T!0=33=7-:/!-9!7C/!J T+^=T!GI/!" J /9/3=T! [ FH.=7+9&!"m&!

?XKY!(\$a!YC/!6-:-T! e =3!=9F!Q/.+9473H.7+9!

?XKY!(\$Aa!YC/! ?-47+35!+,!R+F/39!QH44-!

?XKY!(%\$a! ; -<T+>=7-.! ?-47+35!+,!7C/!89-7/F!K7=7/4!

?XKY!(%a! ?-47+35!+,!R+F/39! J /3>=95!

?XKY!(%#a!B+T-7-.=T! ; -44/97!-9!R+F/39!G>/3-.="m&!

?XKY!(%Wa! ?-47+35!=9F!6HT7H3/!+,!BH/37+!Q-. +=9F!6H^="m&!

?XKY!(#(a!G>/3-.=9!X9FH4735!=9F! [ ><-3/!

?XKY!(#Oa!Y 1 /97-/7C' 6 /97H35!G>/3-.="m&!

?XKY!(#Na!B3+I3/44-:-4>!=9F!7C/!B3+I3/44-:/! [ 3="mm&!

?XKY!((%a! ?-47+35!+,!7C/! ; +>-9-.=9!Q/<H^T-.!

?XKY!(((a!YC/! ?-47+35!+,!R+F/39!R /\-.+!

?XKY!(O)a!6+><=3=7-:/!KT=:/35!"mm&!

?XKY!(\*)a!P++>!=9F!PH47a!YC/!8K@!%WAS'%NOS!

?XKY!O\$a!G>/3-.=9!K+.-=T! ?-47+35!"mm&!

?XKY!O%Wa! ?-47+35!6=<47+9/!"m&!

SL [ !%\$Na!YC/!%N\*\$4!"S-347!L/=3! [ \</3-/9./!6T=44&!  
[ ; 8 !#%\$a!YC/!K+.-=T!K7HF-/4! ; -4.-<T-9/4!"mm&!

**A A**

K<=9-4C!"Q/=F-9I@!K</=M-9I&!  
B+37HIH/4/#!X7=T-=9@!S3/9.C!"Q/=F-9I&!