

A'W>%;\$/-k@2-'(

?(&%8&125!>% ;\$/-&@2-'(E!>7\$/;F ' &/79/'&\$, ');, 7)*+, -/70E) . 5/)3/'#&\$9&\$&C)S)*+, - '\$'(E!Y2-&' %25!
>%/-&-.-\$!'%!O(. @!F+. /\$!B=KT!O F^T\R^JDE!X^TX^Q!_!TK^OT^JE!<0A"!eK^^E^^^!

!

?(&%8&125!>% ;\$/-&@2-'(E! . 5/)3/'#&\$9&\$&C)\$ ')85""@%# , 2, %) "'4)6\$#, &\$' /)@44\$#&\$, 'E!Y2-&' %25!>%/-&-.-\$!
'%!F58'6'5!F+. /\$!2%9!F58'6'5&/ *!B=^T!F FTTX\DE!K^T^RN!_!\`OT^OE!<0A"!eO\REQO\!

!

?(&%8&125!>% ;\$/-&@2-'(E!>\$, I/2"9\$, 7""< /#2" '\$0+0)\$ ')Q/ ' /&\$#)3\$0-);, 7)*+, - '\$'(E!Y2-&' %25!A2%8\$(!
>%/-&-.-\$!B=KT!AFNTJONDE!J^Q^RR!_!X^OT^KE!<0A"!eKK^E^XR!

!

#&- \$!?(&%8&125!>% ;\$/-&@2-'(!B?>!"? ' --/E!

A'W>%;\$/-&@2-'(E!;<3F)>7"\$'F'4\$#/0),;)6\$#, &\$' /)Q4?1(!)JTJETQq. 24000. 2411. 9906590. 1694c~~hi~~-0. 0012Tc4600

F/*E%+A(FGHE!F%- '%E! =MIME!<6' * 2/E!#M, ME!G!g '('%&%E!dM!!BK^^QDM!! , 33\$8-/'! ' 3!%25-(\$a '%\$!2%9!%25* \$3\$%\$!' '%!
/. +S\$8-&; \$!(/\$/1 '%/\$!- '!258' 6' 5!2* '%@!% '%W-(\$2- * \$%-!/\$\$ [&%@!258' 6' 5&8/!2%9!/ ' 8&25!9(&% [\$(/M!!
@%#, 2, %\$0+E). %\$ '\$#''%)'' '4)JM: /7\$+/' &'%)3/0/"7#2E!^VE!TOJKWTO\^M!
F/*E%+A(FGHE!G!d5\$&%E!P!M!AM!!BK^^QDM!!=\$/\$2(86!' %!%&8' -&%\$!2%9!- ' +288' '!F!9\$829\$!' 3!1(' @(\$/!M!!6\$#, &\$' /
S)?, I"##,)3/0/"7#2E!\E!JRXW\^M!
) C&8[E!4ME!F%- '%E! =MIME!P&E! nME! 4\$%9\$ (/ '%E!#ME!F/*E%+A(FGHE!g '('%&%E!dME!G!] '\$' (@\$E!) M#M!!BK^^QDM!!
O&33\$(\$%-&25!+(2&%!28-&; &-C!&%!258' 6' 5&8/!2%9!/ ' 8&25!9(&% [\$(/!- '!258' 6' 5!8. \$/"!=\$52-&' %/6&1!- '!8(2; &%@M!!
6/57, :0C#2, :2"7+ "##, %, (CE!^ JE!OROWQ^KM!
<6' * 2/E!#M, ME!F/*E%+A(FGHE!g '('%&%E!d!E!G!F%- '%E! =MIME!!BK^^QDM!!I' 55' L&%@!258' 6' 5!8' %/ . * 1-&' %E!
% '%-(\$2- * \$%-W/\$\$ [&%@!258' 6' 5&8/!(1' (-!@(\$2-\$(

(\$52-\$9!1(\$'88.12-&'%!2%9!8' * 1.5/&;\$!9(&,\$"! , ;25.2-&'%! '3!-6\$!7+/\$//&;\$!A' * 1.5/&;\$!# * ' [&%@!#825\$M!
NOC#2, :2''7+''#, %, (CT)^UUE!O\ \WON\M!
:(2%9' %E!<M4ME!F/*E%+A(FGHGE!H%('9E!) ME!4\$8[*2%E! : M i ME!75&;\$(E!c!FME!=\$-V6\$&*E! =MAME!d2(\$<E!#M : ME!G!
* 255E! : McM!BK^TTDM! g2(\$%&85&%\$!\$33\$8-/'% !8(2; &%@E!8. \$(28-&; &-CE!2%9! / * ' [&%@!(\$L2(9M!
NOC#2, :2''7+''#, %, (CT)^UVT!ORTWQ^OM!
,5&+\$('E!FME!c2%/\$! g2%!= \$%/+ . (@E! dME!G!F/*E%+A(FGHG!BK^TTDM!!F8. -\$!\$33\$8-/'3!2\$(' +&8!\$a\$(8&/!2%9!62-62!
C'@2!'%!8(2; &%@!-'!/* ' [\$M!6\$#, &\$' /)S)?, I"##,)3/0/'7#2E!TOE!TTQ^WTTQNM!
, ;2%/E!OM, ME!A(2&@E!AME!75&;\$(E!c!FME!G!F/*E%+A(FGHG!BK^TTDM!!<6\$!# * ' [&%@!YW : 28[!F! * \$2/ . (\$! '3!+&2/\$9!
8. \$!1('8\$//&%@!2-!;2(C&%@!5\$; \$5/!'3!8' @%&-&; \$!5'29M!!

, ; 2% /E! OM, ME! c\$%-&% [E! dM] ME!# . -- '%E!#M dME!c2%/\$! g2%!= \$%/+. (@E! dME! G! F/*E%+A(FGHG!BK^TQDM!\! * @!%&8' -&%\$!
12-86!32&5!/- '\$%62%8\$! ?0^^!%\$. (25!&%9&8\$/' 3!8' @%&-&; \$!8' %-(' 5!2 * '%@!% '% / * ' [\$(/M!N2 "7+ "#, %, (CT)
>\$, #2/+ \$0&7C) " '4)>/2 "9\$, 7E!TKJE!\ \WNKM!
, ; 2% /E! OM, ME!) 28 j . \$\$%E! OM FME!c\$%-&% [E! dM] ME! ?2([E!cM ZME! P&%E! 4ME! G! F/*E%+A(FGHG!BK^TQDM!A 4 = YFX!
; 2(&2% -/! * ' 9\$(2-\$!-6\$!\$33\$8-!' 3!%&8' -&%\$!9\$1(&; 2-&' %!' %!2!%\$. (25!&%9\$a! ' 3!8' @%&-&; \$!8' %-(' 5M! Q/' /OT)
>7"\$ ') " '4)>/2 "9\$, 7T)UWE!JKJWJOKM!
) 28 j . \$\$%E! OM FME! 4\$8 [* 2%E! : M i ME! : 52% [E!) MOME!c2%/\$! g2%!= \$%/+. (@E! dME! ?2([E!cM ZME! F/*E%+A(FGHGA!G!
, ; 2% /E! OM, M!BK^TQDM! g 2(&2-&' %!&%!-6\$!25!162!X!%&8' -&%&8!28\$-C586' 5&%\$!(\$8\$1- ' (!/ . + . %&-!@\$%\$!1(\$9&8- /!
8&@2(\$--\$! / * ' [&%@!&%-\$% /&-C!2/!2!3. %8-&' %!' 3!%&8' -&%\$!8' %-\$%-M! ?2/)N2 "7+ "#, (/ ' , + \$#0)[, 57' "T)U`T! \ ^W
\ JM!
? ' --/E!] M I ME! : 5' ' * E! , MPME! , ; 2% /E! OM, ME! G! F/*E%+A(FGHG!BK^TQDM! Y\$. (25!(\$L2(9!2%9!1 . %&/6 * \$%-!/\$% /&-&; &-C!
&%!8&@2(\$--\$! / * ' [\$(/M! 875() " '4)@%# , 2 , %) 8 / : / '4/ ' #/T)U` `T!KQXWKKXOM!
H%(' 9E!) ME! F/*E%+A(FGHGE!#-2/&\$L&8VE! ?M=ME! O &-(\$E!cM i ME! 4\$8 [* 2%E! : ME!) &55\$(E! =M=ME!# . -- '%E!#M dME! G!

) 28 j . \$\$%E!OMFME!G!F/*E%+A(FGHG!BK^T\DM!g25&92-&'%'! '3!-6\$!6. * 2%'9'(!/12%! -2/[!", 33\$8-/'3!%&8' -&%\$M!
NOC#2, :2"7+ "#, %, (C)^W`T!KN\TWKNNKM!
) \$5-V\$(E!P!M=#&* * '%/E!gMYME!#.-- '%E!#M dME!F/*E%+A(FGHGA! j .&%%E! JM?ME!) \$29\$E!AMOME!H%('9E!) ME!

3\$\$9+28[!5' '1!'3!233\$8-&;\$!/-2-\$/!2%9!/ * '[&%@!+\$62;&'(M!6\$#, &\$' /)S)?, I''##,)3/0/"7#2T)^^E!TKRQW
TO^^M!

O\$(* '9CE!#M#ME!<\$//&\$E!dM) ME!) \$&\$E!, ME!25hF+ /&E!) ME!O\$%5&%@(WF1-\$E!=MPME!F/*E%+A(FGHGE!c\$%/\$%E!cME!
d' '1 * \$&%\$/(E!cME!?28\$[E!PM=ME!<&9\$CE!cM i ME!g2%9(\$CE!=M] ME!O'%%CE!, MAME!G!42-/. [2 * &E!OMdM!BK^KTDM!
F%!\$;25.2-&'%! '3!1' -\$%-&25! . %&%-\$%9\$9!8' %/\$k. \$%8\$/'!3!2!%&8' -&%\$!1('9.8-!/-2%92(9"!F!3'8. /!'%!
9(&%[&%@!6&/-'(C!2%9!' . -8' * \$/M!6\$#, &\$' /)S)?, I''##,)3/0/"7#2T)^WT!TTJNWT\XM!

)2(-&%\$VE!HME!#&* * '%/E!gMYME!# . -- '%E!#M dME!F/*E%+A(FGHGA!) \$5-V\$(E!PM=ME! : (2%9' %E!dM7ME! : C(%\$E!) M) ME!
42(((\$55E! ?M<ME!, & // \$%+\$@E!<ME! : .55\$%E!AM=ME!G! : (2%9' %E!<M4M!BK^KTDM!<2(@-\$-9!/ * '[&%@!8\$//2-&'%!3'(!
9.25!./\$(/'!3!8' * +./-&+5\$!2%9!\$5\$8-('%&8!8&@2(\$-\$/!F!(2%9' * &/9!8' %-('55\$9!

A. -6+\$\$(-E! : MYME!F/*E%+A(FHGA! ?2-(&8[E!A!McME!G!P2%@E! ?McM!BTRRQE!78-' +\$(DM!!@5&, ', +\$#)" '4)0&"7&%/)
7/0: , '4\$ '()457\$ '()";:/#&\$9/) \$+ "(/7C)" +, '()" 'M\$, 50): "&\$/' &OM!!? ' /-(\$!1(\$/%-\$9!2-!-6\$!F%%.25!) \$\$-&%@!
'3!-6\$!# '8

H1296C2C2E!4N?ME!<6' * 2/E!#ME!

75& ;\$(E!cMFMEO

"7''4, +\$B/4)&7\$''M!?' /-\$(!1(\$/\$%-9!2-!-6\$!2%% .25! * \$\$-&%@!' 3!-6\$!#' 8&\$-C!3' (!=\$/\$2(86!' %!Y&8' -&%\$!
2%9!<' +288' E!4' . /- ' %E!<nM!
c2%/\$!g2%!= \$%/+ . (@E!dME!, 65[\$E!#ME!) 28 j . \$\$%E!OME! , ;2%/E!OME!d&512-(&8[E!) ME!G!F/*E%+A(FGHG!BK^TKE!
) 2(86DM! ?2/)/; ;/#&0), ;)/M/7#\$0/), ')0+, -\$' ()I/2''9\$, 7E)@)k, . ;, (7":2\$#)O&54CM!?' /-\$(!1(\$/\$%-9!2-!
-6\$!2%% .25! * \$\$-&%@!' 3!-6\$!#' 8&\$-C!3' (!=\$/\$2(86!' %!Y&8' -&%\$!2%9!<' +288' E!4' . /- ' %E!<nM!
A' ((\$E!cM : ME!4\$8[* 2%E! : M i ME!) 2(k . &%\$VE!YM#ME!F/*E%+A(FGHGE!H%('9E!) ME!G! : (2%9' %E!<M : M!BK^TKE!
) 2(86DM!* /% ; =7/ : , 7&/4)9/7050)I/2''9\$, 7''%)/; ;/#&0), ;): /7#/\$9/4)475(=#, '4&\$, ')"00\$('+ /' &E)F'; /77\$' ()
/M : /#&'' #C)/; ;/#&0), ;)G''7/ '\$#%' /c!?' /-\$

O'%%CE!, NAME! O\$%5&%@\$(E!=\PNE!P2%\$E!<NE! O\$(*'9CE!#NE!42-/. [2* &E! OME!

#/00"&\$, ')\$

#, '&/'&)#\$("7/&&/OE)@):7/%\$+\$ ' "7C);/"0\$I\$%&C)&7\$' "M!?' /-\$(!1(\$/\$%- \$9!2-!-6\$!F%%.25!) \$\$-&%@!'3!-6\$!
'8&\$-C!3' (!=\$/\$2(86!' %!Y&8' -&%\$!2%9!<' +288' E!#2%!I(2%8&/8' E!AFM!
g '%8[\$%W

O('+\$E!O\cm!BTRRNE!I\$+(.2(CDM!!>/2"9\$,7"%)&7/"&+/'&);)'\$#,&\$'/)4/:/'4/'#/M!!<6&(9!F%%.25!H192-\$!'%!
F58'6'5&/ * !2%9!# .+/-2%8\$!F+./!<(\$2-* \$%-E!) \$9&825!H%&;\$(/&-C!'3!#' .-6!A2('5&%2E!A62(5\$/-'%E!#AM!
O('+\$E!O\cm!BTRRNE!F1(&5DM!!@%#,2,%T)475(T)"'4)'\$#,&\$'/)"44\$#&\$,'E)>\$,:0C#2,0,#\$"%);"#&,70T)0#7//'\$'(
&,,%OT)"'4)&7/"&+/'&),:&\$,'OM!!:(2[32/-!='.%9/E!>%/-&-.-\$!'3!?!C86&2-(CE!) \$9&825!H%&;\$(/&-C!'3!#' .-6!
A2('5&%2E!A62(5\$/-'%E!#AM!
O('+\$E!O\cm!BK^^^E!) 2(86DM!3/"#&\$,'0)&,)0+, -\$'()#5/OE)3%/9""#/#/);,7)5'4/70&"'4\$'()"4)&7/"&\$'(
'\$#,&\$'/)4/:/'4/'#/M!#* '[&%@`Y&8'-&%\$!#1\$8&25!>%-\$(\$/-!)](' .1E!) \$9&825!H%&;\$(/&-C!'3!#' .-6!
A2('5&%2E!A62(5\$/-'%E!#AM!
O('+\$E!O\cm!BK^^^E!F1(&5DM!.7"9\$'()"4)#5/)7/"#&\$9&\$&C);,7)"#,#,2,%T)'\$#,&\$'/T)"'4);,,4M!4\$25-6!#8&\$%8\$/
I'.%92-&'%!FL2(9!#*\$&%2(E!) \$9&825!H%&;\$(/&-C!'3!#' .-6!A2('5&%2E!A62(5\$/-'%E!#AM!
O('+\$E!O\cm!BK^^^E!c.%\$DM!>\$,I/2"9\$,7"%)+/#2"'\$0+0)\$'(/'/&\$#)7\$0-);,7)0+, -\$'(M!:&' +\$62;&'(25!
=\$/\$2(86!) \$\$-&%@E!Y2-&' %25!A2%8\$(!>%/-&-.-E!:\$-6\$/92E!) OM!

K^R!

P\$8-.(E!?, I"##,) "44\$#&\$, 'E). "74\$, 9"0#5%"7)#, +: %\$#"&\$, '0)"'4)'/57, I\$, %, (\$#"%)
; "#&, 70M! , ; &9\$%8\$! : 2/\$9!A5&%&825!?(28-&8\$!BK !C\$2(!* \$9&825!/- . 9\$%-/DE!
H%&; \$(/&-C!'3!#' . -6! I5' (&92M!

K^T^!

P\$8-.(E!?, I"##,) "44\$#&\$, 'E). "74\$, 9"0#5%"7)#, +: %\$#"&\$, '0)"'4)'/57, I\$, %, (\$#"%)
; "#&, 70M! , ; &9\$

K^^J!

>%2!I&/6*2%E!?6MOM!!0\$12(-*%-!'3!/?/C86'5'@CE!H%&;\$(/k-C!'3!#' .-6!I5'(&92M!!
O&/\$/(-2-k'!<k-5\$"!F58'6'5!, a1\$8-2%8C!A'@%&-k'%'!/?/C86'16C/k'5'@&825!
?\$(/1\$8-k;\$M!!A'WF9;&/'(!, *2% .5!0' %86k%E!?6MOME!) 2(!] '59*2%E!?6MOM!!
='5\$"!7.-/k9\$!A62k(M!

K^^\!

d\$55&!42(3'(9E!?6MOM!!0\$12(-*%-!'3!/?/C86'5'@CE!H%&;\$(/k-C!'3!#' .-6!I5'(&92M!!
O&/\$/(-2-k'!<k-5\$"!/?/C86'5'@&825!A' %/\$k. \$%8\$/'!3!A6k59!#\$a.25!F+. /\$!2%9!-6\$!
=k/[!2%9!?('-\$8-k;\$!I28-'(!>%35. \$%8k%@!<6\$/\$!A' %/\$k. \$%8\$/M!!F9;&/' (!
i k55&2*!d&%9\$(E!?6MOM!!='5\$"!7.-/k9\$!A62k(M!

K^^\!

,5\$%2!P'1\$VE!)M#M!!0\$12(-*%-!'3!/?/C86'5'@CE!H%&;\$(/k-C!'3!#' .-6!I5'(&92M!!
O&/\$/(-2-k'!<k-5\$"! ,33\$8-/'!3! : '9C!>*2@\$!) 2%&1.52-k'%'!#* '[k%@!
) '-k;2-k' %M!!F9;&/' (!<6' *2/! : (2%9' %E!?6MOM!!='5\$"!A' * *k--\$\$!) \$* +\$(M!

K^T^!

c'/\$16!0k-(\$E!)M#M!!0\$12(-*%-!

K^TQ!

K^^N!_!K^TT!

) '%&82! i \$++E!?6!OME!F//&/-2%-!?'('3\$//'(E!H%&;\$(/&-C!'3!) &2* &E!O\$12(-* \$%-!'3!
?/C86'5' @C!2%9!-6\$!#C5;\$/-\$(!A2%8\$(!A\$%-\$(M!!F

K^^KE!K^^O! A#=E! : &' +\$62; &' (25!2%9!

K^TO! !

TRRR!B211('ad! -\$5\$; &/& '%!&%-\$(&\$LE!A62(5\$/-'%E!#A!<'1&8"-'+288'!. /\$!2%9!8\$/ /2-&' %!
K^^^!B211('ad! 2(-&85\$E! ?2\$ '-\$ ' () " I , 5&) 8 7\$ '-\$ '(E! I . (-6\$(! * 2@2V&%\$E!A62(5\$/-'%E!#A!
K^^T!B211('ad! 2(-&85\$E!> , , B/)" '4)>5&&OE! I . (-6\$(! * 2@2V&%\$E!A62(5\$/-'%E!#A!
K^^K!B211('ad! 3\$2- . (\$9!@ . \$/ -E! . , ; ; //) ? \$ + / ! B5 ' 825! < g ! -25 [! / 6 ' LDM! < ' 1&8"-'+288 ' ! 299&8-&' %! 2%9!
-(\$2- * \$%-!
K^^O! %\$L/121\$(!&%-\$(&\$LE!<2 * 12!<(&+ . %\$E!<2 * 12E! IP!<'1&8"-'+288'!
K^^X!B211('ad! (29&' !&%-\$(&\$LE! i H# IE!H%&; \$/ &-C! : \$2-M!<'1&8"!/ * ' [&%@!8\$/ /2-&' %!
K^^J! %\$L/121\$(!&%-\$(&\$LE! : (29\$%- '%! 4\$(259M!<'1&8"!258'6'5W/ * ' [&%@!&%-\$ (28-&' %!
K^^J! * 2@2V&%\$!&%-\$(&\$LE!P&3\$-& * \$!A6' &8\$/E!P&3\$-& * \$!A2%8\$(!#8(\$%&%@!G! ? (\$; \$%-&' %!
A\$%-\$(E!) ' 33&--!A2%8\$(!A\$%-\$(M!<'1&8"!/ * ' [&%@!E!258'6'5E!2%9!8\$/ /2-&' %!
K^^R! * 2@2V&%\$!&%-\$(&\$LE!FFF!] ' &%@! ? 528\$/M!<'1&8"!/ * ' [&%@!8\$/ /2-&' %! 3' (! '59\$(!
/ * ' [\$(/!
K^^TK! 3\$2- . (\$9!@ . \$/ -E! . 2"7&"I%/)R , 7-0E!P&3\$!> * 1(' ; \$ * \$%-! =29&' M!<'1&8"!/ * ' [&%@!
8\$/ /2-&' %!
K^^TX! k . '-\$9E! < /4N" (/) ? , 4" C! B I (&92C! I \$ \$9+28 [DM! < ' 1&8"!8' * * \$%-2(C! ' %! O ' % % C! \$-!25M!
BK^^TXD! 6 / 1) J ' (% " ' 4) [, 57 ' ") , ;) < / 4\$ # \$ ' / ! 2 (- &85\$ (\$ " ! (\$ 9 . 8\$ 9! % & 8 ' - &% \$! 8 & @ 2 (\$ - \$ / !
K^^TN! k . '-\$9E! . " ' # / 7! BA2%8\$(#8' 1\$DE!<'1&8"!(\$ 9 . 8\$ 9! % & 8 ' - &% \$! 8 & @ 2 (\$ - \$ / !
K^^TN! k . '-\$9E! ! 8 @ < " - / 0) < , 9 /) & , . 57 I) 6 \$ # , & \$ ' /) @ 44\$ # & \$, ' ! B) ' 33&--!A2%8\$(!A\$%-\$(!
+5' @DM!<'1&8"!8' * * \$%-2(C!(\$@2(9&%@!-6\$! I O F! & // . 2%8\$! ' 3! F 9 ; 2%8\$! Y ' -&8\$! ' 3!
' (' 1' / \$ 9! = . 5\$ * 2 [&%@! -62-! L ' . 59! (\$ k . & (\$! (\$ 9 . 8\$ 9! % & 8 ' - &% \$! 5\$; \$ 5 / ! &% ! 8 &