

###\$##%\$&'1-8.52 | 0 -11.52 -0.0056 Tc 10.08 0 0 10.08 331.9927 481.2 Tm [(*)-1 (6)-1 (.)-3 (#)-1 (\$) -1 (!)-3 (&)-1 (6)-1 (%)1 (7)-1 (\$) -1 (.)-3 (8)-3 (#)-1 (9)-3

|# \$22(22!%,%7&/0),6!6(*2@!/22(02!/6*!./%/.)0)(2!01/0
/55(.0!.,++76)0)(2^!1(/&01

|89:;!<=M<! :4,-4/+!:&/66)6-!N!
!G&7/0),6

|\$22)-6+(60!_!K!:4(%/4(!/!6((*2! /22(22+(60!5,4!
/!2%(.)/&!%,%7&/0),6!/6*1,4!&,.&!.,++76)0!
1(/&01!%4,G)*4

		01(!%,%7&/0),6!01/0!01(!.,++76)0!,4-/6)J/0),6! 2(4G(2#!!H1(!4(2,74.(!/&&.,/0),6!/6*! +/6/-(+(60!%&/6!/4(!*(G(&,%(*!/2!/!.4)0)./&!%/40! ,5!01)2!%4,.(22#
""# 9(&.0!+(01,*2!0,!G/&7/0(!%73&).!1(/&01!%4,-4/+2	89:;!<=M<!:.4,-4/+!:&/66)6-!N! ?G/&7/0),d	?L/+)6/0),6!_"!)*(60)5!01(!/%%4,%4)/0(! (G/&7/0),6!+(01,*2!5,4!(/.1!1(/&01!%4,-4/+!
0(4-,5!-&!0674-,!1\$34'A!		
"K# F)2.722!+7&0)%&(!*)+(62),62!,5!01(!%,&B)6- %4,.(22@!)6.&7*)6-!01(!4,&(2!,5!(01).2!/6*(G)*6.(89:;!<=<[!Q604,*7.0),6!0,!;/&01! \$*+)6)204/0),6@!:,&).!/6*!VO !	?/.1!207*(60!)*(60)5)(2!/2!01(!3(-)66)6-!,5!01(! .&/22!/!20/0(!%,&).!01/0!1/2!3((6!%4,%2(*!5,4! 01(!6(L0!&(-)2&/0)G(!2(22),6!)6!01(!\$/3/+! .,6-4(22),6/&!%4,.(22#!!?!1!%4,%2(*! &(-)2&/0),6!)2!04/.B(*!54,+!)604,*7.0),6@!0,! .,++00(!)6!3,01!01(!:,72(!,5!U(%4(2(60/0)G(2! /6*!9(6/0(#!!H1(!.&/22!G)2)02!01(!D,6-4(22),6/&! .,++00(!0,!01).1!01()4!%,&).!)2!/22)-6(*!/6*! (6-/-(2!01(!.,++00(!,6!01)./&!6*!4(2(/4.1! -4,76*2!3/2(*!7%,6!01()4!(+%4)./&!4(2(/4.1!,6! 01(!0,%).#!!\$.&/22!22),6!)2!*G,0(*!0,!)2.722)6-!01(!*)+(62),62!,5!01(!%,&).' G/B)6-! %4,.(22!)6.&7*)6-!01(!01)./&!.62)*(4/0),62!/6*! 01(!72(!,5!(G)*6.(*/3/2(*!4(2(/4.1!0,!)65,4+! 01(!%4,.(22#

"[# ?G/&7/0(!%,&.)2!5,4!01()4!)+%/0!,6!%73&).!1(/&0!1(/&01!(A7)0'

89:;<=<<!?6G)4,6+(60/&!;/&01!
9.)6.(2 !

\$22)-6+(60!_K!b*(4/&!4(-)20(4!%4,Z(.0E!H1(!
5*(4/&!4(-)20(4!)2!01(!6/0),6/&!2,74.(!,5!
/66,76.(+(60!5,4!/6!6(O!4(-7&/0),62!/6*!
+,*5)./0),62!0,!(L)20)6-!4(-7&/0),62#!H1(4(!)2!/
+6)+7+!,5!M< C'/!.,++(60!%(4),*!01/0!)2!
/22,.)0(*!O)01!(./1!/66,76.(+(60!O1).!1!
%4,G)*(2!/6!,%%,4076)0!5,4!2.)60)20@!/.0)G)20
%73&).!1(/&01!%4/.0)0),6(42!0,!%4,G)*(!.,++(60/4!
0,!27%%,40!,4!/*G,./0(!-/)620!01(!4(-7&/0),6!
/66,76.(*#!H1(2(!.,++(602!/4(!4(G)(O(*!3'!/
0(/+!,5!273Z(.0!+/00(4!(L%(402!01/0!1/G(!3((6!
)*(60)5)(*!3!01(!/-6.#!?!1!207*(60!O)&&!..(22!
01(!5*(4/&!4(-)20(4!/6*!)*(60)5!/6!(6G)4,6+(60/&!
1(/&01!4(&/0(*!4(-7&/0),6!01/0!1/2!3((6!
/66,76.(*!,4!/(6*(*!O)01)6!01(!%/20!M<!*/2#!
\$!.,++(60!O)&&!3(!%4(%/4(*!70)&)J)6-!4(&(G/60!
*/0!0,! (G/&7/0(!01(!%,2)0)G(!,4(-/0)G(!)+%/02!
0,!%,%7&/0),6!1(/&01!/6*!1(/&01!(A7)0!)5!01(!
4(-7&/0),6!)2!/*,%0(*!,4!/(6*(*#! !H1(!.,++(60!
+720!)*(60)5!/!4(&(G/60!0/4-(0!%,%7&/0),6@!/
4(G)(O!,5!01(!4(&(G/60!%/20!4(-7&/0,4!/0),62!
0/B(6@!/6*!/40).7&/0(!!4(.,++(6*0),6!01/0!
27%%,402!/4-7(2!-/)620!01(!%4,%,2(*!/0),6#! !

H\$3:\$.#A-+!

"=# \$SSO\ OHDGHUVKLS DQG RU W B Q D B H P K O 7 3 & S ; U & O Q F L S O H V
DGGUHV V D UHOHYDQW LVVXH

89:;<=<<!Q604,*7.0),6!0,!(;/&01!
\$*+6)204/0),6@!:,&).'!6*!VO !

2.(6+!0.(!\$,!EFG! 907*(602!O)&&!*)2.722!01(!
)+%,40/6.(!,5!%73&).!1(/&01!576.0),62!0,!01(!
(G(&,%+(60!,5!/,+ +76)0!.,62)(4)6-!01(!
2.)6.(@!%,&)0).2!/6*!%4(G(60)G(!+(/274(2!
)+%/0)6-!%73&).!1(/&0!#!#
2.(6+!0.(!\$,!EJG! 907*(602!O)&&!*(2.4)3!O1!
01(!22(60)/&!%73&).!1(/&01!576.0),62!/4(!)+%,40/
0,!%73&).!1(/&01 @!+/B)6-!274(!0,!(+60),6!O1!01(!
.1,).(2!01/0!%(%&!+/B(@!/6*!01)4!3(1/G),4!/4!
)+%,40/60!.,62)*(4/0),62!0,!(6274)6-!01/0!01(!
%73&).!1(/&01!576.0),62!/4!27..(2257&&!./44)(*!
,70!0,!)!+%4,G(!01(!1(/&01!,5!01(!%,%7&/0),6

"# \$%%&!6(-,0)/0),6!/6*!+(*)/0),6!2B)&&2!0,!/4 (22
,4-/6)J/0),6/&!4!.,++76)0!1./& &(6-(2

89:;<=<<!Q604,*7.0),6!0,!(;/&01!
\$*+6)204/0),6@!:,&).'!6*!VO !

89:;<=<K=!:73&).!;/&01

%/406(4!,4-/6)J/0),62!01/0!+720!.,+(!0,-(01(4!0,!)+%&+(60!!204/0(-!0,!/*4(22!)227(2!4/)2(*! *74)6-!/6/074/&!*)2/20(4!,4!.1/6-(!)6!%,&)0)./&! &/*(421)%#!!?!/.1!207*(60!)2!/22(22(*!)6*)G)*7/&&! ,6!01()4!/3)&)0!0,!/%%&!6(-,0)/0),6!/6*!+(*)/0),6! 2B)&&2!*74)6-!01(!/22)-6+(60#!

		207*(602!0,!*(G(&,%!/6*!)+%&+(60!/6!(01)./&!)60(4G(60),6!)6!/!. ,++76)0!2(00)6- !
C5#\$%#!LA-&M-&D		