

:E49 @H?8C256D R?EC2=@E E@ \*6?:@C , ?D64FC65  
)2E:?8 %2:?:E2:?:65 @? ). &

:E49 )2E:?:8D (2C:D %2J

:E49 )2E:?:8D 92D 5@H?8C2565 C66<82>:?:8 8C@FA R?EC2=@E \* D R?EC2=@E \$@?8 +6C> RDDF6C  
672F=E )2E:?:8 R ) E@ 7C@> 2?5 C6>@G65 :E 7C@> )2E:?:8 . 2E49 &682E:G6 ). & H96C6 :E  
H2D A=2465 @? %2C49 :E49 92D 2=D@ 5@H?8C2565 E96 D6?:@C F?D64FC65 C2E:?:8 @? E96 3@?5D  
:DDF65 3J R?EC2=@E 2A:E2=\$F16>3@FC8 \* 8F2C2?:E665 3J R?EC2=@E D <6J DF3D:5:2C:6D E@  
)) 7C@> )) +96 D6?:@C F?D64FC65 C2E:?:8 C6>2:?:D @? ). &

+96 5@H?8C256 C6N64ED 96:89E6?:65 =BF:5:EJ 2?5 C6M?2?4:?:8 C:D<D H:E9 4@?E:?:F:?:8 ?682E:G6 7C66  
42D9 N@H 2=36:E A2CE=J 5C:G6? 3J 42A6I 2DD@4:2E65 H:E9 ?6H 4@?EC24ED 2?5 =6G6C286  
C6>2:?:8 2E 2=6G6=:@ =@?86C 4@>A2E:3=6 H:E9 2 C2E:?:8 +96 >2:?:E6?2?46 @7 E96 D6?:@C  
F?D64FC65 C2E:?:8 @? ). & C6N64ED :E49 D 6I A64E2E:@? E92E ?6H 563E E@ 4@?E:?:F6 :?G6DE:?:8 :?  
@A6C2E:@?D 2?5 ?6H 4@?EC24ED H@F=5 36 C2:D65 @? 2 D64FC65 32D:D =:<6=J 4@>AC6DD:?:8 6I A64E65  
C64@G6C:6D 7@C F?D64FC65 4C65:E@CD

#6J )2E:?:8 C:G6CD

! 6:89E6?:65 \$:BF:5:EJ ) :D< @=@H:?:8 E96 3C6249 @7 :ED M?2?4:2=4@G6?2?ED F?56C E96 C6G@=G:?:8 4C65:E  
724:=E:6D ) 2E 6?:5 =6G6C286 C2E:@ 2E I GD 4@G6?2?E =6G6= I :?E6C6DE 4@G6C286 C2E:@  
2E I GD 4@G6?2?E =6G6= I R?EC2=@E 4FC6?E=J 5@6D ?@E 92G6 2446DD E@ =BF:5:EJ =?6D :E49  
36=6G6D R?EC2=@E >2J ?665 E96D6 =?6D E@ 4@?E:?:F6 @A6C2E:?:8 :7 E96 8C@FA 5:DA=2JD ?682E:G6  
86?6C2E:@? @G6C E96 ?6I E7@FC J62CD 2D H6 4FCC6?E=J 7@C642DE . 6 36=6G6 E92E R?EC2=@E H@F=5 92G6

R?EC2=@E :D F?23-6 E@ D:8?:M42?E=J :> AC@G6 :ED @A6C2E:78 AC@M-6 2?5 C65F46 8C@DD 563E 2?5 =6G6C286  
@G6C E96 ?6I E EH@ J62CD :E H:=M?5 :E 5:O4F-E@ C6M?2?46 :ED , ) >:=@? F?D64FC65 3@?5 5F6 :?  
\*6AE6>36C @? 2? F?D64FC65 32D:D %@C6@G6C E96 E6C>D @? E9:D 3@?5 AC6G6?E :ED C6M?2?4:78  
7@C E96 7F=2>@F?E @? 2 D64FC65 32D:D

I 64FE:@? ) :D< ) :D:78 +96 D:8?:M42?E ?F>36C @? 492?86D E92E 92G6 @C 2C6 :=6=J E@ @44FC H:E9:? E96  
4@> A2?J :?4C62D6 6I 64FE:@? C:D< D R?EC2=@E C6D9FP65 :ED >2?286>6?E E62> 2E E96 368:???:?8 @?7  
7@=H:?8 E96 =@DD @? E96 R?E6-E6< 4@?EC24E +96 4@> A2?J 2:>D E@ :>A=6>6?E 2 4@DE 4FEE:78  
A=2? 2?5 :> AC@G6 @A6C2E:@?2=6O4:6?4J , ?46CE2?:E:6D C6>2?: 2C@F?5 E9:D EFC?2C@F?5 A=2?  
55:78 E@ E96D6 492=6?86D E96 =@DD @? R?E6-E6< 4@?EC24E H:=92G6 E@ 36 @QD6E 3J ?6H 4@?EC24ED  
H9:49 4@F=5 =625 E@ 288C6DD:G6 3:55:78 5C:G6? 3J 4@> A6E:E:@? +9:D >2J C6BF:C6 255:E:@?2=42A6I  
H9:49 H@F=5 ?665 E@ 36 7F?565 282?:DE E96 324<5C@A @? E:89E6?:?8 =BF:5:EJ 7@C E96 8C@FA

DD6E :DA@D2=D , ?46CE2?: R? E96 ?62C E6C> :E49 36:=6G6D E92E =BF:5:EJ H:=?@E 36 >2E6C:2=J  
DFAA@CE65 3J 2DD6ED 5:DA@D2=D =E9@F89 E96 4@> A2?J 92D 5:DA@D65 D@>6 @? :ED ?@? 4@C6 2DD6ED  
E96 ?6E 42D9 :?N@HD 2C6 6:E96C 4@?DEC2?:65 3J >:@?C:EJ D92C69@=56CD 2D 7@C K6C?:E6-E6< 4@> A2?J  
H2D 4@?D@=:52E65 H9:=6 64@?@>:4 @H?6CD9:A H2D @C E96 :> A=6>6?E2E:@? @? 4@?E:786?E  
4@?D:56C2E:@? :? E96 D2=6 28C66>6?E 2D 7@C +@E@=:E6< FA E@ 2C@F?5 , ) >:=@? 7F=D6=:?8 AC:46  
:74=F5 :?8 4@?E:786?E 4@?D:56C2E:@? R?EC2=@E @H?D @? RE2=J 32D65 2>6?6E G2=F65 2C@F?5  
, ) >:=@? 2D @? %2J 3FE >2?286>6?E 92D DE2E65 E92E :D ?@E C625J E@ D6=:ED DE2<6 2E  
E96 4FCC6?E >2C<6E AC:46

@?EC24E (@CE7@=: \*2E:D724E@CJ \$24<:78 \*42=6 R?EC2=@E 92D 6DE23=D965 :ED6=J :? E96 :?E6C?2E:@?2=  
82>:?8 D64E@C 2D 2 C6AFE23=6 AC@G:56C @? AC@5F4ED :?4=F5:78 DJDE6>D E@ >2?286 =@EE6C:6D E9C@F89  
D@?EH2C6 A=2E7@C>D 2?5 92C5H2C6 E6C>:?2=D 2?5 :? 36EE:78 2=2C86 2-8@C:E9> 32D65 DA@CED3@<  
+9:D 92D 6?23=65 R?EC2=@E E@ H:?:> A@CE2?E 4@?EC24ED 7@C E96 DFAA=J @? E649?@=:8J 2?5 E96  
>2?286>6?E @? =@EE6C:6D :? E96 , \* 2?5 C6646 2?5 7@C DA@CED 36EE:78 :? 6C>2?J ! @H6G6C :E  
=24<D D42=6 C6=2E:G6 E@ =2C86C 4@> A6E:E@CD DF49 2D R + @C \*4:6?E:M4 2>6D

:O4F-E @?EC24E ) 6?6H2=D &682E:G6 / @?EC24E C6?6H2=42? AC@G6 >@C6 492=6?8:78 E92?  
6I A64E65 2D 9:89=89E65 3J E96 C646?E =@DD @? E96 R?E6-E6< 4@?EC24E :? +FC<6J 6?5:78 :? F8FDE  
C6AC6D6?E:78 2 >2E6C:2= @? 8C@FA D 0 4@?D@=:52E65 R+ R?EC2=@E D D:K623=6 6I A@DFC6 E@  
6>6C8:78 >2C<6ED DF49 2D +FC<6J 2?5 C86?E:72 H6 6DE:>2E6 3@E9 4@F?EC:6D C6AC6D6?E65 2C@F?5  
@? 0 4@?D@=:52E65 R+ 2-D@ >62?D E92E 7@C6:8? 4FCC6?4J 563E D6CG:46 42A23:=EJ 92D  
366? =2C86=J :> A2:C65 5F6 E@ H62< 6FC@ EC2?D=2E65 C6G6?F6D 2?5 AC@MED 7C@> E9:D 6I A@DFC6 +96  
4@> 3:72E:@? @? 9:89 / EC2?D=2E:@? C:D<D 2?5 2DD6E 5:DA@D2=D :D 6I A64E65 E@ C6DF-E :? 6FC@ C6G6?F6D  
2?5 R+ 2E 6?5 E@ 36 2?5 =@H6C E92? 2E 6?5 C6DA64E:G6=J ! @H6G6C H6  
6DE:>2E6 E@E2=563E H:=92G6 :?4C62D65 3J :? E96 D2>6 A6C:@5

C@HE9 (C@DA64ED )6>2:?:?8 +96 8C25F2=-36C2=D2E:@? @7 82>:?8 >2C<6ED 8@G6C?>6?ED  
<66??6DD @? M?5:?8 H2JD E@ C2:D6 E2I AC@4665D 2?5 E96 :?4C62D:?8 DFAA=J @7 ?6H 82>6D D9@F=5 2=

2A6I DE23:=K:=?8 2E , ) >:=@? @G6C E96 C2E:=?8 9@C:K@?

&@ 4@> >@? 5:G:56?5D

#6J ) 64@G6CJ DDF>AE:@?D

R? @FC 36DA@<6 8@:=?8 4@?46C? C64@G6CJ 2?2=JD:D H6 4@?D:56C65 R?EC2=@E D 0 R+ @7 , )  
>:=@? 565F4E:=?8 2EEC:3FE23=6 R+ E@ >:=@C:EJ :?E6C6DED 2?5 R?E6=E6< +9:D H2D 7FC@96C  
5:D4@F?E65 3J E@ 2CC:G6 2E 2? 6DE:>2E65 A@DE C6DEC4EFC:=?8 R+ 2G2:=23=6 E@ 4C65:E@CD @7  
2C@F?5 , ) >:=@? . 6 2AA:=65 2 5:DEC6DD65 6?E6CAC:D6 G2=F6 R+ >F=E:A=6 @7 I E@  
R?EC2=@E D H9@=J @H?65 @A6C2E:@?D

. 6 2=D@ 6DE:>2E6 2AAC@I:>2E6=J , ) >:=@? @7 255:E:@?2=G2=F6 DE6>>:=?8 7C@> 2DD@4:2E6D

R? E6C>D @7 5:DEC:3FE:@? @7 G2=F6 2D A6C :E49 D 2DDF>65 42A:E2=DEC4EFC6 :=? 2 5672F=F D:EF2E:@? 2=  
F?D64FC65 563E H@F=5 C64@G6C :E49 36:=6G6D E92E =6?56CD H@F=5 2D< 7@C D64FC:EJ @G6C 46CE2:=?  
2DD6ED D9@F=5 E96 8C@FA C2:D6 ?6H 563E +9:D H@F=5 92G6 2? :>A24E @? E96 6I A64E65 C64@G6CJ C2E6D  
7@C F?D64FC65 4C65:E@CD :=? E96 6G6?E @7 2 5672F=F =625:=?8 E@ 2 A@E6?E:2=5@H?8C256 @7 E96 ) 64@G6CJ  
) 2E:=?8 E@ )) 7C@> )) 56A6?5:=?8 @? E96 2>@F?E @7 ?6H D64FC65 563E +9:D :D C6N64E65 :=? E96  
) . & @? E96 D6?:@C F?D64FC65 C2E:=?8

) +R& \* &\*R+R-R+R \*

6G6=@A>6?ED +92E %2J R?5:G:5F2=J @C @=64E:G6=J \$625 E@ (@D:E:G6 ) 2E:=?8 4E:@?

\*E625J :>AC@G6>6?E :=? @A6C2E:=?8 =:BF:5:EJ 5C:G6? 3J ?6FEC2=@E A@D:E:G6 D:K623=6 2DD6E  
5:DA@D2=D H:E9 42D9 AC@4665D 2G2:=23=6 7@C 563E D6CG:46 2E R?EC2=@E \* 2?5 @C AC@4FC65 6I E6C?2=:=  
=:BF:5:EJ :=?6D

\*FDE2:=?65 :>AC@G6>6?E :=? @A6C2E:=?8 A6C7@C>2?46 7@C 6I 2>A=6 E9C@F89 H:???:?8 ?6H 4@?EC24ED @C  
>AC@G:=?8 A6C7@C>2?46 @7 6I :DE:=?8 @?6D 4@> 3:=?65 H:E9 6O4:6?E 4@DE 4FEE:=?8 >62DFC6D =625:=?8 E@  
8C@H:=?8 R+ 2?5 2=6G:2E:=?8 C:D<D 2C@F?5 ?62C E@ >65:F> E6C> C6M?2?4:=?8 ?665D

' 32D65 ?6E 25;FDE65 =6G6C286 DFDE2:=?23=J 36=@H I ' 8C@DD =62D6 25;FDE65 =6G6C286  
DFDE2:=?23=J 36=@H I

' MI 65 492C86 4@G6C DFDE2:=?23=J 23@G6 I

6G6=@A>6?ED +92E %2J R?5:G:5F2=J @C @=64E:G6=J \$625 E@ &682E:G6 ) 2E:=?8 4E:@?

\$24< @7 DFO4:6?E @A6C2E:@?2=:=BF:5:EJ 4FD9:@? 2?5 :=?23:=EJ E@ >@?6E:D6 2DD6ED



R?EC2=@E 2A:E2=\$F1 6>3@FC8 \*  
D6?:@C F?D64FC65 \$@?8 +6C>)2E:?8 @H?8C256 ).. &68  
R?EC2=@E \* \$@?8 +6C> RDDF6C 672F-E)2E:?8 @H?8C256 ).. ' Q

@?E24ED  
(C:>2CJ)2E:?8 ?2=JDE  
\*@A9:6 @FE2FI  
\*6?:@C :C64E@C

:E49 C2?46 \* \*  
CF6 56 %@?462F  
(2C:D

\*64@?52CJ)2E:?8 ?2=JDE  
%2I6?46 92AAC@?  
\*6?:@C ?2=JDE

:E49 C2?46 \* \*  
CF6 56 %@?462F  
(2C:D

@>>:EE66 92:CA6CD@?  
(23=@ %2KK:@?  
\*6?:@C :C64E@C

%65:2)6=2E:@D 5C:2? \*:>AD@? \$@?5@? +6- >2:=  
25C:2? D:>AD@? E96ME498C@FA 4@>

55:E:@?2=:?7@C>2E:@? :D 2G2:=23-6 @? HHH ME49C2E:?8D 4@>

## Applicable Criteria

@CA@C2E6)2E:?8 C:E6C:2 AF3 63  
@F?ECJ \*A64:M4 +C62E>6?E@7)64@G6CJ)2E:?8D C:E6C:2 AF3 "2?  
@CA@C2E6D &@E49:?8 2?5)64@G6CJ)2E:?8D C:E6C:2 AF3 %2C

## Additional Disclosures

@55 C2?<)2E:?8R?7@C>2E:@? :D4=@DFC6 @C>

\*@=4:E2E:@? \*E2EFD

?5@CD6>6?E (@=4J

\$\$ R+ ! ) R+ ) +R& \* ) \* , " + +' ) + R& \$R%R+ +R' &\*& R\* \$ R% ) \* (\$ \* ) +! \* \$R%R+ +R' &\*& R\* \$ R% ) \* 0 '\$ \$\$ . R& +! R\* \$R#  
!++(\* . . . R+ ! ) +R& \* ' % , & ) \*+ & R& ) R+ ) +R& \* R& R+R' & ) +R&  
R&R+R' &\*& +! + ) %\* ' , \* ' , ! ) +R& \* ) - R\$ \$ ' & +! & 0 \*  
(, \$R . \*R+ + . . . R+ ! ) +R& \* ' % (, \$R\*! ) +R& \* ) R+ ) R &  
% +! ' ' \$' R \* ) - R\$ \$ ) ' % +! R\* \*R+ + \$\$ +R% \* R+ ! \* ' ' & , +  
' & R &+R \$R+O ' & \$R +\*' R&+ ) \*+ R\$R + R) . \$\$ ' %(\$R & & ' +! )  
) \$ - &+ (' \$R R \* & ()' , ) \* ) \$\* ' - R\$ \$ ) ' % +! ' ' & , +  
\* +R' & ' +! R\* \*R+ R) +' ) \* & \*! ) ! ' \$ ) \* ) \$ - &+R&+ ) \*+\* ) - R\$ \$ +  
!++(\* . . . R+ ! ) +R& \* ' % \*R+ ) , \$ +' ) 0 R+ ! % 0 ! - ()' -R & ' +! )  
( ) %R\*\*R \$ \* ) -R +! ) + &+R+O ' ) R+\* ) \$ + +! R) ( ) +R \* + R\$\* ' +! R\*  
\* ) -R ' ) ) +R& \* ' ) . ! R ! +! \$ & \$0\*+R\* \* R& & , ) R\*+ ) &+R+O  
& ' , & ' & +! &+R+O \* , %% ) 0 ( ' ) +! R\* R\*\* , ) ' & +! R+ ! . \*R+

@AJC:89E L 3J :E49 ) 2E:?8D R?4 :E49 ) 2E:?8D \$E5 2?5 :ED DF3D:5:2C:6D . 9:E692= \*EC66E  
&0 &0 +6=6A9@?6 21 ) 6AC@5F4E:@? @C  
C6EC2?D>:DD:@? :? H9@=6 @C :? A2CE :D AC@9:3:E65 61 46AE 3J A6C>:DD:@? =C:89ED C6D6CG65 R? :DDF:?8  
2?5 >2:?:?8 :ED C2E:?8D 2?5 :? >2<:?8 @E96C C6A@CED :?4=F5:?8 7@C642DE :?7@C>2E:@? :E49  
C6:6D @? 724EF2=:?7@C>2E:@? :E C646:G6D 7C@> :DDF6CD 2?5 F?56CHC:E6CD 2?5 7C@> @E96C D@FC46D  
:E49 36:6G6D E@ 36 4C65:3-6 :E49 4@?5F4ED 2 C62D@?23-6 :?G6DE:82E:@? @7 E96 724EF2=:?7@C>2E:@?  
C6:65 FA@? 3J :E :? 244@C52?46 H:E9 :ED C2E:?8D >6E9@5@=8J 2?5 @3E2:?D C62D@?23-6 G6C:M42E:@? @7  
E92E :?7@C>2E:@? 7C@> :?56A6?56?E D@FC46D E@ E96 61 E6?E DF49 D@FC46D 2C6 2G2:=23-6 7@C 2 8:G6?  
D64FC:EJ @C :? 2 8:G6? ;FC:D5:4E:@? +96 >2??6C @7 :E49 D 724EF2=:?G6DE:82E:@? 2?5 E96 D4@A6 @7 E96  
E9:C5 A2CEJ G6C:M42E:@? :E @3E2:?D H:=G2CJ 56A6?5:78 @? E96 ?2EFC6 @7 E96 C2E65 D64FC:EJ 2?5 :ED  
:DDF6C E96 C6BF:C6>6?ED 2?5 AC24E:46D :? E96 ;FC:D5:4E:@? :? H9:49 E96 C2E65 D64FC:EJ :D @Q6C65 2?5  
D@=5 2?5 @C E96 :DDF6C :D =@4E65 E96 2G2:=23:=EJ 2?5 ?2EFC6 @7 C6=6G2?E AF3:=4 :?7@C>2E:@? 2446DD  
E@ E96 >2?286>6?E @7 E96 :DDF6C 2?5 :ED 25G:D6CD E96 2G2:=23:=EJ @7 AC6 6I :DE:?8 E9:C5 A2CEJ  
G6C:M42E:@? D DF49 2D 2F5:E C6A@CED 28C665 FA@? AC@465FC6D =6EE6CD 2AAC2:D2=D 24EF2C:2=C6A@CED  
6?8:?66C:?8 C6A@CED =682=@A:@?D 2?5 @E96C C6A@CED AC@G:565 3J E9:C5 A2CE:6D E96 2G2:=23:=EJ @7  
:?56A6?56?E 2?5 4@>A6E6?E E9:C5 A2CEJ G6C:M42E:@? D@FC46D H:E9 C6DA64E E@ E96 A2CE:4F=2C D64FC:EJ  
@C :? E96 A2CE:4F=2C ;FC:D5:4E:@? @7 E96 :DDF6C 2?5 2 G2C:6EJ @7 @E96C 724E@CD , D6CD @7 :E49 D C2E:?8D  
2?5 C6A@CED D9@F=5 F?56CDE2?5 E92E ?6:E96C 2? 6?92?465 724EF2=:?G6DE:82E:@? ?@C 2?J E9:C5 A2CEJ  
G6C:M42E:@? 42? 6?DFC6 E92E 2=@7 E96 :?7@C>2E:@? :E49 C6:6D @? :? 4@?64E:@? H:E9 2 C2E:?8 @C 2

C6A@CE H:= 36 244FC2E6 2?5 4@> A=6E6 , E:>2E6=J E96 :DDF6C 2?5 :ED 25G:D6CD 2C6 C6DA@?D:3=6 7@C E96  
244FC24J @7 E96 :?7@C>2E:@? E96J AC@G:56 E@ :E49 2?5 E@ E96 > 2C<6E :? @Q6C:8 5@F > 6?ED 2?5  
@E96C C6A@CED R? :DDF:8 :ED C2E:8D 2?5 :ED C6A@CED :E49 > FDE C6=J @? E96 H@C< @7 61 A6CED :?4F5:8  
:?56A6?56?E 2F5:E@CD H:E9 C6DA64E E@ M?2?4:2=DE2E6>6?ED 2?5 2EE@C?6JD H:E9 C6DA64E E@ =682=2?5  
E2I > 2EE6CD FCE96C C2E:8D 2?5 7@C642DED @7 M?2?4:2=2?5 @E96C :?7@C>2E:@? 2C6 :?96C6?E=J  
7@CH2C5 =@@<:8 2?5 6>3@5J 2DDF>AE:@?D 2?5 AC65:4E:@?D 23@FE 7FEFC6 6G6?ED E92E 3J E96:C  
?2EFC6 42??@E 36 G6C:M65 2D 724ED D 2 C6DF=E 56DA:E6 2?J G6C:M42E:@? @7 4FCC6?E 724ED C2E:8D 2?5  
7@C642DED 42? 36 2Q64E65 3J 7FEFC6 6G6?ED @C 4@?5:E:@?D E92E H6C6 ?@E 2?E:4:A2E65 2E E96 E:>6 2  
C2E:8 @C 7@C642DE H2D :DDF65 @C 2O@>65  
+96 :?7@C>2E:@? :? E9:D C6A@CE :D AC@G:565 2D :D H:E9@FE 2?J C6AC6D6?E2E:@? @C H2CC2?EJ @7 2?J  
<:8 2?5 :E49 5@6D ?@E C6AC6D6?E @C H2CC2?E E92E E96 C6A@CE @C 2?J @7 :ED 4@?E6?ED H:=>66E 2?J @7  
E96 C6BF:C6>6?ED @7 2 C64:A:6?E @7 E96 C6A@CE :E49 C2E:8 :D 2? @A:@?@? 2D E@ E96 4C65:EH@CE9:86DD  
@7 2 D64FC:EJ +9:D @A:@? 2?5 C6A@CED > 256 3J :E49 2C6 32D65 @? 6DE23=D965 4C:E6C:2 2?5  
>6E9@5@=8:6D E92E :E49 :D 4@?E:8F@FD=J 6G2=F2E:8 2?5 FA52E:8 +96C67@C6 C2E:8D 2?5 C6A@CED  
2C6 E96 4@=64E:6H H@C< AC@5F4E @7 :E49 2?5 ?@ :?5:G:5F2= @C 8C@FA @7 :?5:G:5F2=D :D D@=6=J  
C6DA@?D:3=6 7@C 2 C2E:8 @C 2 C6A@CE +96 C2E:8 5@6D ?@E 255C6DD E96 C:D< @7 =@DD 5F6 E@ C:D<D @E96C  
E92? 4C65:E C:D< F?=6DD DF49 C:D< :D DA64:M42=J > 6?E:@?65 :E49 :D ?@E 6?82865 :? E96 @Q6C @C D2=6  
@7 2?J D64FC:EJ = :E49 C6A@CED 92G6 D92C65 2FE9@CD9:A R?5:G:5F2=D :56?E:M65 :? 2 :E49 C6A@CE  
H6C6 :?G@=65 :? 3FE 2C6 ?@E D@=6=J C6DA@?D:3=6 7@C E96 @A:@?@?D DE2E65 E96C6:?: +96 :?5:G:5F2=D 2C6  
?2>65 7@C 4@?E24E AFCA@D6D @?=:J C6A@CE AC@G:5:8 2 :E49 C2E:8 :D ?6:E96C 2 AC@DA64EFD ?@C 2  
DF3DE:EEF6 7@C E96 :?7@C>2E:@? 2DD6>3=65 G6C:M65 2?5 AC6D6?E65 E@ :?G6DE@CD 3J E96 :DDF6C 2?5 :ED  
286?ED :? 4@?64E:@? H:E9 E96 D2=6 @7 E96 D64FC:E6D ) 2E:8D > 2J 36 492?865 @C H:E95C2H? 2E 2?J  
E:>6 7@C 2?J C62D@? :? E96 D@=6 5:D4C6E:@? @7 :E49 :E49 5@6D ?@E AC@G:56 :?G6DE>6?E 25G:46 @7 2?J  
D@CE ) 2E:8D 2C6 ?@E 2 C64@>>6?52E:@? E@ 3FJ D6= @C 9@=5 2?J D64FC:EJ ) 2E:8D 5@ ?@E 4@>>6?E  
@? E96 256BF24J @7 > 2C<6E AC:46 E96 DF:E23=:EJ @7 2?J D64FC:EJ 7@C 2 A2CE:4F=2C :?G6DE@C @C E96  
E2I 6I 6>AE ?2EFC6 @C E2I 23=:EJ @7 A2J>6?ED > 256 :? C6DA64E E@ 2?J D64FC:EJ :E49 C646:G6D 766D  
7C@> :DDF6CD :?DFC6CD 8F2C2?E@CD @E96C @3=8@CD 2?5 F?56CHC:E6CD 7@C C2E:8 D64FC:E6D \*F49 766D 2C6 6I A64E65 E@  
86?6C2=J G2CJ 7C@> , \* E@ , \* @C E96 2AA=:423=6 4FCC6?4J 6BF:G2=6?E A6C :DDF6 R?  
46CE2?:42D6D :E49 H:=C2E6 2=@C 2 ?F>36C @7 :DDF6D :DDF65 3J 2 A2CE:4F=2C :DDF6C @C :?DFC65 @C  
8F2C2?E665 3J 2 A2CE:4F=2C :?DFC6C @C 8F2C2?E@C 7@C 2 D:8=6 2??F2=766 \*F49 766D 2C6 6I A64E65 E@  
G2CJ 7C@> , \* E@ , \* @C E96 2AA=:423=6 4FCC6?4J 6BF:G2=6?E +96 2DD:8?>6?E  
AF3=:42E:@? @C 5:DD6:>?2E:@? @7 2 C2E:8 3J :E49 D92= ?@E 4@?DE:EEF6 2 4@?D6?E 3J :E49 E@ FD6 :ED  
?2>6 2D 2? 6I A6CE :? 4@?64E:@? H:E9 2?J C68:DEC2E:@? DE2E6>6?E M=65 F?56C E96 , ?E65 \*E2E6D  
D64FC:E6D =2HD E96 :?2?4:2= \*6CG:46D 2?5 %2C<6ED 4E @7 @7 E96 , ?E65 #:?85@> @C E96  
D64FC:E6D -2HD @7 2?J A2CE:4F=2C ;FC:D5:4E:@? F6 E@ E96 C6-2E:G6 6O4:6?4J @7 6-64EC@?4 AF3=:D9:8  
2?5 5:DEC:3FE:@? :E49 C6D62C49 > 2J 36 2G2=:23=6 E@ 6=64EC@?4 DF3D4C:36CD FA E@ E9C66 52JD 62C=:6C  
E92? E@ AC:@?E DF3D4C:36CD  
@C FDEC2=:2 &6H 162=2?5 +2:H2? 2?5 \*@F9 #@C62 @?=:J :E49 FDEC2=:2 (EJ \$E5 9@=5D 2?

FDEC2:=2? M?2?4:2=D6CG:46D :=46?D6 \* :=46?D6 ?@ H9:49 2FE9@C:K6D :E E@ AC@G:56 4C65:E  
C2E:?8D E@ H9@=6D2=6 4=:6?ED @?=J C65:E C2E:?8D :?7@C>2E:@? AF3=D965 3J :E49 :D ?@E :?E6?565 E@  
36 FD65 3J A6CD@?D H9@ 2C6 C6E2:=4=:6?ED H:E9:?:E96 >62?:?8 @7 E96 @CA@C2E:@?D 4E

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