

!"#\$%&'()*+,-

: "HHI?k:4)k" ?*5kC"%5@%C7*K(@*C@: "?54%\$*"20@:)k&B@*kC*)"*
#% "Bk5@*%@" : "HH@?54)k" ?C*D"%*:3k?k:43*#%4:)k: @7*
*

1 .#2%&0*
*

9@4%:(*9)%4)@' \$*
N%)k:3@C*%@34)@5*)"*) (@*)"#k: * "D*k?)@%@C)*L@%@D" I?5*ICk? '*
) (@* D"33"Lk? '* : "H#I)@%kV@5* 54)424C@CC* 9 ! F=A90*
=C\$: (^_YF* 4?5* =I2 6 @57* `@\$L"%5C* IC@5* D"%*) (@*
54)424C@* C@4%:(* L@%@* 4C* D"33"LCC* ;2k3k?' I43a* F 1*
HI3)k3k?' I43a* F 1*bC@: "?5*34?' I4 '@b* F 1*c<<<F 1*c9<<
F 1* 2k: I3)I%43a* F 1* HI3)k: I3)I%43a* F 1* b: I3)I%433\$*
5kB@%C@b* F 1*b3k?' I&kC)k:433\$*5kB@%C@b* F 1*b: I3)I%433\$*4?5*
3k?' I&kC)k:433\$* 5kB@%C@b* F 1* Hk?"%k)\$* F 1* @)(? "'%4#(k: >*
N_ J*

: "33@:)k"?* L@%* 4##%"#%&4)* D"%*)(@* C)I5\$* 5@Ck'?* 4?5*
L@%* 45@OI4)@3\$* 5@C:%k2@57* N##%"#%&4)* k?5I:)&B@*
4?43\$C@C* L@%* :"?5I:)@5* ICk?'*)(@* :"?C)4?)R
:"H#4%4)&B@*H@)("50*)("I'(*?"*5@:kCk"?*)%4k3*"5@)4k3C*
%@'4%5k?'*)(@*:("k:@*"D*C@3@:)@5*)(@H@C*L@%*k5@?)&Dk@57*
E (k3@* ?"* :"?:@#)I43* D%4H@L"%8* L4C* :%4@)50*)(@*
4I)("C% 45@OI4)@3\$* CIHH4%kV@5*)(@* 54)4* ICk?'*)(@H@C*
5@C:%k2k?'*)(@%@)k:43* :"?:@#)C* 4?5*)(@* %@34)k"?C(k#C*
2@)L@%?)@H7*K(@*C)I5\$PC*"B@%433%k'"I%*L4C*(k'(*4C*k)*
5@H"?C)%4)@5* :%5k2&3k)\$0*)%4?CD@%42&3k)\$0* 5@#@?542&3k)\$*
4?5*:"?Dk%42&3k)\$*5I@*")(@* IC@*"D*4*#"3"?

C@%B&: @C*)(@S*4?5*)(@&L%*: (k35*Lk)(*4*: "HHI?&:4)k"??
5kC"%5@%*(4B@%*%@: @&B@57*FB@%4330*H4?S*C&Hk34%k)k@C*L@%@*
k5@?&Dk@5*2@)L@@?*)(@*#@%C#@:)&B@C*"D*)(@*B4%k" IC* ! < J *
D4Hk3k@C*4?5*)("C@*"D*H4k?C)@4H*D4Hk3k@C%*D"%*M4H#3@0*
) (@&k%Bk@Lc""?*)(@*B43I@*"D*#4%@?)R: (k35*k?)@%4:)k""?0*)(@*
:4%@ ' &B@%*"3@0*4?5*4*3S*k?)@%B@?)k""?C@%Bk: @C*; S4330*
, - .eX* ! %I): (3@S0*, - - -X* ` IHH@%@%*T*< "#@VR1 @\$?40*
, - -UX* =k: 830*, - . .>7*W"L@B@%0*4*D@L*#4)@%?C*C#@: kDk: *)"*
! < J*D4Hk3k@CP*M#@%k@?: @*@H@% ' @5*5@C#k)@*(@*Lk5@*
%4? ' @*"D": I3)I%43*4?5*?5&Bk5I43*B4%k42k3k)S*2@)L@@?*)(@*
#4%k: k#4?C7K(@*H40"%k)S*"D*)(@C@%Dk?5k? 'C*4%@*
: "?Ck@?)?Lk)(*)@%*@: "HH@?54)k""?C*"D*#@%Bk" IC*C)I5k@C*
4?5* I&5@3k?@C*; S4330*, - . .X* ! N9<=F0*, - . U>7*
* 6 4?S*"D*)(@*C)I5k@C*455@CC@5*)(@*kH#""4?: @*
"D*)(@*: 3k@?)R: 3k?k: k4?%*%@34)k""?C(k#D"%*4: (k@Bk? ' *
: "3342"%4)k@B@*#4%?)@%C(k#C*4?5*4)4k?k? '4*(k' (*3@B@3*"D*
D4Hk3S*C4)kCD4:)k""?%; S4330*, - .eX* ! %I): (3@S0*, - - -X*
6: ! "%5*T*9""0*, - -eX* =k: 830*, - . .X*mI0*, - .d>7*
W"L@B@%0*)(@*C(4#@*)(&k%@34)k""?C(k#)" "8*B4%k@5*24C@5*
"?*2*)(* : I3)I%43*4?5*k?5&Bk5I43*D4:)"%C7*
* N?")(@%*: "HH"?*)"#k: *L4C*k?%*%@'4%5C*)"*)(@*
B4%k@5*M#@%k@?: @C*D4: @5*2S*4: (*D4Hk3S7* 6 4?S*D4:)"%C*
&H#4:)@5*)(@*D4Hk3k@CP*M#@%k@?: @C*Lk)(*4?5*Bk@Lc""D*
) (@*C@%Bk: @C*)(@S*%@: @&B@57*K(kC*k?: 3I5@5*)(@&k%34? ' I4' @*
#% "Dk: k@?: \$0*8?"L3@5 ' @*"D*)(@* (@43): :4%@*4?5*
@5I: 4)k""?43*C\$C)@HC0%Dk?4?: k43%*@C" I%: @C0*4?5*: I3)I%43*
:4#k)430*4H"?'*")(@%C*; ! %I): (3@S0*, - - -X* 6: ! "%5*T*
9""0*, - -eX* =k: 830*, - . .X*mI0*, - .d>7*K(@%@D"%@0*4C*
(k' (3k')@5*2S*)(@*#4%k: k#4?)C0*k)*kC*: %I: k43*)(4*
:3k?k: k4?C*I?5@%C)4?5*)(@*#@%C#@:)&B@C*"D*)(@&k%*: 3k@?)C7*
* 9kHk34%30*)(@*B43I@*"D*C@3DR@D3@:)k""?4?5*)(@*
4: 8?"L3@5 ' @H@?"*D*"??@PC*2k4C@C*L4C*4*: "HH""?*)(@H@*
)(% "I' ("I*)(%@%*"D*)(@*42"B@*C)I5k@C*; ! %I): (3@S0*, - - -X*
6: ! "%5*T*9""0*, - -eX* =k: 830*, - . .>7*)*L4C*D" I?5*)(4*
) (@*D4Hk3k@C*L@%*H"%@*C4)kCDk@5*L (@?*: 3k?k: k4?C*: 3@4%3S*
C4)@5*)(@*% "3@C*4?5*M#@:)4)k""?C*D"%*2")(*)(@*: 3k@?)C*4?5*
) (@*k?B"3B@5*#% "D@CCk""?43C7*YI)(@%0*D4Hk3k@C*4#%#@: k4)@5*
L (@?*: 3k?k: k4?C*4B" k5@5*H48k? '4CCI H#)k""?C*4C*)(@&k%
2@3k@DC*4?5*#@%C#@:)&B@C*D%@OI@?)3S*5&DD@%@5*24C@5*"? *
) (@&k%k?5&Bk5I43*4?5*: I3)I%43*B43I@C7*
* 9kHk34%*)"*)(@*#k?: k#3@C*"D*D4Hk3S\$R: @?)@%@5*
k?)@%B@?)k""?0*)(@*H40"%k)S*"D*)(@*#4%k: k#4?)C*5k: ICC@5*
) (@*B43I@*"D*2@k? ' *C@3DR@DDk: 4: k" IC*4?5*@H# "L@%@5*)"*
CI##""*)(@&k%*: (k35%@?%k?5@#@?5@?)3S*"D*)(@*: 3k?k: k4? *
; S4330*, - .eX* ` IHH@%@%*T*< "#@VR1 @\$?40*, - -UX* 6: ! "%5*
T*9""0*, - -e>7*K(kC*L4C*@C#@: k433S*k&H#"%)4?)k?*)(@*
: "?@M)*"D*CI##""k? ' * ! < J*D4Hk3k@C*4C*)(@S*L@%@*"D)@? *
H"%@*@OI&##@5*)"*@DD@:)&B@3S*CI##""*)(@&k%*: (k35%@?%k? *
: I3)I%433SR4##% "#&k4)@*L4\$C0*Lk)(*)@*

g7 S@*M#3&:k)*k?@M#@:)4)k"?C*4?5*5"*?)*4CCI@*(4)*
 #@%C"?43* 2@3&@DC* 4?5* B43I@C* H4):(*)("C@* "D*)(@*
 :3&@?)C%:@: @k&Bk? '*C@%Bk: @C7*

U7 cH#"L@%* D4H&3&C*)" CI##"%) (@k%* : (k35%@? 2\$*
 2I&35k? '* "?* L(4)*)(\$* 4%* 43%@45\$* 5"k? '* 4?5*
)@4: (k? '*)(@H* @DD@:)&B@* C)%4@ 'k&C* k?* : I3)I%433SR
 4##%"#%k4)@*L4\$C7*

J7 E "%8*Lk)(*) (@*D4H&3\$*4?5*)(@*:"HHI?k)\$)*5@3&B@%*
 : I3)I%433SR4##%"#%k4)@*C@%Bk: @C%#@34)k? '*)"34? ' I4 ' @*
 IC@*4?5*C": &43&V4)k"?*#%4:): @C7*

Z7 6 4k?4k? I#R)"R54)@* 8?"L3@5' @* "D* %@3@B4?)*
 34? ' I4 ' @* 5@B@3"#H@?)* : "? : @#)C0* @C#@: &433\$* "D*
 %@: @#)k&B@* 34? ' I4 ' @* H&3@C)"?@C* 4?5* 2&3k? ' I43*
 34? ' I4 ' @* : "? : @#)C* 4?5* H&C: "? : @#)k"?C0* 4?5* 8@@#*
 : 3&@?)C*I#R)"R54)@*D*)(kCk?D"%H4)k"?*4C*L@337*

/7 E "%8*Lk)(*) (@*D4H&3\$*k?*"5@%*)"#%"Bk5@*)(@* : 3&@?)*
 Lk)(*C@%Bk: @C*k?*)(@*34? ' I4 ' @;C*)(@*D4H&3\$*#@D@%C7*
 K(kC* : " I35* k?B"3B@* k?: 3I5k? '* D4H&3\$* H@H2@%C* k?*
 k?)@%B@?)k"?* "%* : "3342"%4)k? '* Lk)(*k?)@%#%@)@%C* "%*
 ") (@%*C@%Bk: @*#"Bk5@%C"D*)(@*C4H@* : I3)I%@7*

. -7 c?CI%*) (4)* H4)@%k&43C* IC@5* k? k?)@%B@?)k"?* 4%*
 : I3)I%433SR4##%"#%k4)@* 4?5* k?5&B&5I43&V@5*)"*) (@*
 D4H&3\$7*

*

3.:.\$.''(.0*

*

N% : (k24350* <7*; , - .Z>7* !%k)k: 43*N##%4&kC43*"D* 1 @C@4% : (*
 cBk5@?: @*n="L@%="k?)*C3k5@Co7* 1 @)%k&B@5*D%"H*
 A?k&B@%Ck)\$*"D* E @C)@%?F?)4%k"! 3k?k: 43*
 N##3k: 4)k"?C*"D*cBk5@?: @*S4C@5*=%4:)k: @*D)"%*
 ! 3k?k: k4?C*F E <*(O)#CGH" L37IL "7: 4**

*

S4330*p70*T* <@L&C0* 6 7*; , - .>7*hN?43)"' @)(@%*5&DD@%@?)*
 4##%"4: (iG* 1 "3@C*"D*9##@@: (R34? ' I4 ' @*
 =4)("3" ' &C)C*k?CI##"%)k? '*^?5k' @?" IC*
 : (k35%@?PC*34? ' I4 ' @*5@B@3"#H@?)7*! "#"\$%#"#k
 '() *#" +k(, &- .//0123"#4)"4/k5 "6I (+ (47k"#S&
 8).\$% (+ (47k: ; ; , >0*. eeR. gU7*

*

!"#\$%&'()*+,-./012345678

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