



)9%%56'1:"#1%

!

" #(#A'(A!#!B#.A&!O)BB&O\$')(!>!: 'A'\$#B!3(#,32)\$3!CC!&;&(!>).!\$2&!#;&.#A&!#+#\$&- .!

: 'A'\$#B!,2)\$)A.#,2&.!CC!'3!#!02).&D!/ &#.02'(A!'3!)>\$&(!B'+ '\$&:\$!)!0#,\$')(35!E-\$!F.'\$(A!#!

:&30.', '\$';&!0#,\$')(!>).!&#02!,2)\$)!3!);&.B4!\$&:')-3D!!G&!#'+!\$)!3'+,B'>4!\$2&!+ #(#A&+&(\$!

)>!#!O)BB&O\$')(!>!,2)\$)3!E4!&(#EB'(A!3&#.02&3!)(!\$2&!O)(\$&(\$!)>!\$2&!,2)\$)A.#,23!

\$2&+3&B;&3!F2'B&!+'('+'H'(A!\$2&!#+)-(\$!)>!3-,&.;'3')(!E4!\$2&!-3&.D!!G&!>)0-3!)(!\$2&!

,.)EB&+!)>!>'(: '(A!>#0&3!'(!,2)\$)A.#,23D!!12&!-3&.!':&(\$!>'&3!#!3+#BB!(-+E&.!)>!>#0&3!'(!

\$2&!,2)\$)!0)BB&O\$')(D!!I(0&!F&!2#;&!\$2&3&!>#0&35!F&!0#(!.-(!#BA).'\$2+3!)(!)\$2&!.,'0\$-.&3!

\$)!3&#.02!\$2.)-A2!#(:!>'(:!>#0&3!'(!\$2&!,2)\$)A.#,23D!!I(0&!F&!2#;&!B)0#\$(3!)>!>#0&35!F&!

F'BB!#\$\$&+,\$!\$)!.&0)A('H&!\$2&!')(:';'-#B3D!

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: '3A- '3&3!3-02!#3!F 'A3!) .!>#K&!E&#. : 3DT@!!U) F& ; &.5!\$&3\$3!' (!M)3\$) (J3!V)A#(!9'. , ) . \$!  
R># 'B& : !+ '3& .#EB4T!F 2& (! '\$!0# + &!\$)! : &\$&0\$' (A!\$&.. ) . '3\$3!W) .5!' (! \$2&!\$&3\$!0#3&35!' ( : ' ; ' : -#B3!  
F2)!F& .&!3- , , )3& : !\$)!E&!.&0)A ('H& : !E4!\$2&!343\$& + XD!! G 2& (! \$2&!343\$& + !F#3!3&\$!)!E&!\$) )!  
3&(3'\$ ; &5!'\$!F) -B : !R.&0)A ('H&T! ; #. ' ) -3!)EY&0\$3!' (! \$2&!30& (&!3-02!#3! , B#(\$3!#( : ! : )A3D!!9 ( : !  
F2& (! \$2&!343\$& + !F#3!3&\$!)!E&!\$) )! , .&0'3&5!'\$!0) -B : !E&!> ) B& : !E4! : '>& .& (\$!B'A2\$' (A!  
0) ( : '\$' ) (3!) .!E4!#(' ( : ' ; ' : -#B!3' + , B4!F&#. ' (A!#!2#)\$!) .!#! , #. ! )>!AB#33&3D<sup>16</sup>!!12& .&> ) .&! ' (!  
\$2&! .&#B + ! )>!3&0- . '\$45!>#0&! .&0)A ('\$') (!3' + , B4!0#( ( )\$!F) .>.3662. ( !F) -0.4(D) ]ET. 1TfET. 1TTJTf [ (!!1)10012

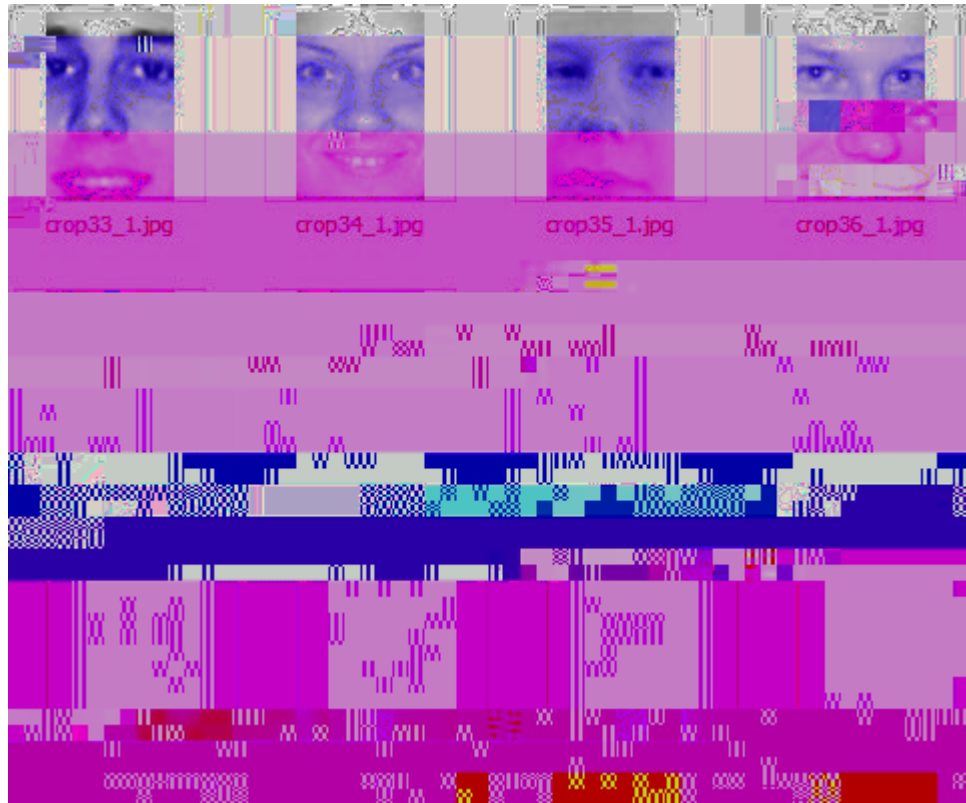
.&0)A('H&!F2'02!0B-3&&.!&#02!E&B)(A3!\$)D!!G&!0)-B:\$2&(!F.'\$&!\$2'3!'(>).+#\$')(!'(\$)!#!  
0&(\$.#B!:#\$#E#3&!F2'02!0#(!E&!a-&.'&:\$!)!.&\$-.(!,2)\$A.#,23!>!,#.\$'0-B#.!(':';':-#B3D!!  
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"9%<61",\*,\*,-!";: ",\*,\*,-!) 8"--\$'%"

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\$2&3&5!b!02)3&!677!,2)\$A.#,23!b!&B\$!F)-B:!E&!3-'\$#EB&!\$)!\$.#('A!#!>#0&!>'(:'A!#(:!  
.&0)A('H'(A!#BA).'\$2+!WF'\$2!\$2&!(':';':-#B3!3+'B'(A5!>#0'(A!\$2&!0#+&.#5!&\$0DXD!!!!12'3!  
E.'(A3!-,!\$2&!>!.3\$!,.)EB&+<(!'!#BB!,2)\$A.#,23!2

B#.A&!\$2&!>#0&! '35!\$2&! : '3\$#(0&!E&\$F&&(!\$2&!&4&3!'3!0#B0-B#\$&:D!! I - .!> .3\$!0. ) ,!'3!3B'A2\$B4!  
B#.A&.!\$2#(!\$2&!#0\$-#B!>#0&5!E&0#-3&!#(\$2&.!0#B0-B#\$')(!+ -3\$!E&! :&\$&. +'(&:<!!/'(0&!F&!  
F#(\$!#BB!\$2&!&4&3!)\$E&!'(!\$2&!3#+&!,)3'\$')(5!F&!+ -3\$!.)\$#&!!\$2&!' + #A&!E#3&:!)(\$2&!#(AB&!  
E&\$F&&(!\$2&!\$F)!&4&3D!!M4!\$#K'(A!\$2&!#.0!1#(!>!\$2&!2&'A2\$!#(:!F':\$2!:'>>&.&(0&!F&!0#(!  
:&\$&. +'(&!\$2&!#(AB&5!#(:!.)\$#&!!#00)..:(AB4D!! I (0&!F&!:)!\$2'35!F&!0#(!0. ) ,!'A2\$&.!E#3&:!  
)(\$2&!+' : ,)'(\$!>!\$2&!&4&3!#(:!\$2&!:'3\$#(0&!E&\$F&&(!\$2&!&4&3D!!12&!' + #A&!'3!\$2&(!.&3'H&:!  
\$)!@67!E4!]7!W).!#(4!3'H&!)>!.#'\$)!^<6X!#(:!F.'\$\$&(!'(\$2&!>). + #\$!  
0. ) ,\_'+ #A&(- + E&.\_>#0&(- + E&.DY, AD!!12&.&.&)&5!>).!&#02!>'B&(# + &!F&!2#; &!#00&33!\$)!  
F2'02!, '0\$- .&!'\$!F#3!'(!#(:!F2#\$( - + E&.!>#0&!'\$!F#3D!!12'3!0.&#&3!' + #A&3!\$2#B))K!B'K&!  
\$2&!>)BB)F'(A<



! 9B\$2)-A2!\$2&3&!' + #A&3!#.&!' (!EB#0K!# (: !F2'\$&5! + #3K3!#.&#!#B3)!0.&#\$\$& : !>).!\$2&!

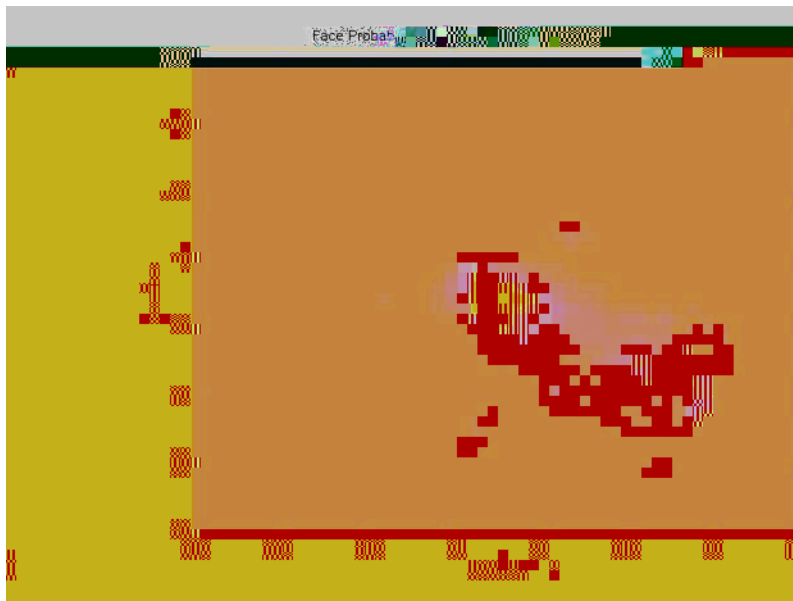
' + #A&3!F2'02!32) F!F2&.&!\$2&!>#0&3!)00- .!' (!&#02!' + #A&D!!12&.&>).&5!

! 1) !E&A' (5!b!F.)\$&!#!>- (0\$') (!WA&\$\*\$)B).U'3\$D+X!\$2#\$\$!30#(3!\$2.)-A2!#BB!\$2&!'+ #A&3!

O) (!N#0&3<!



! 93!F!&10#(!3&&5!\$2&!)-\$0)+&!>.)+!\$2&!2'3\$)A.#+3!3!>#;).#EB&!E&0#-3&!\$2&!+#Y).'4!  
)>!\$2&!>#0&!, 'c&B3!#.&!B)0#\$&:!'(!#!3&, #.#\$&!E'(!>.)+!\$2&!(!>#0&!, 'c&B3D!!12&.&>).&5!F&!  
0#(!0)+&!- ,!F'\$2!#!,.)E#E'B'\$4!+#\$. 'c!3'+ ,B4!E4!:';:'!(A!\$2&!>#0&!2'3\$)A.#+!E4!\$2&!3-+!  
)>!\$2&!(!>#0&!#(:!\$2&!>#0&!2'3\$)A.#+3D!!12'3!..&3-B\$3!'(!\$2&!>)BB)F'(A!,.)E#E'B'\$4!+#\$. 'c<!

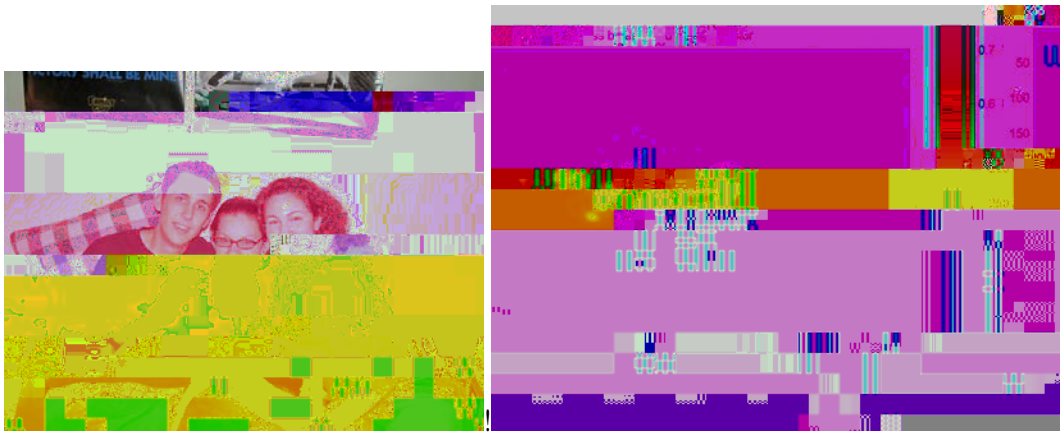


! G&!0#(!+):&B!\$2'3!:'3\$. 'E-\$')(!F'\$2!#!3'(AB&!, #.#+&\$.'0!+):&B!E&0#-3&!\$2&!  
+#Y).'4!>!\$2&!>#0&!, 'c&B3!#.&!B)0#\$&:!'(!)(&!E'(D!!G'\$2!\$2&!E'(!(:'0&3!b!F#3!#EB&!\$)!  
:&\$&.+ '(!\$2#\$\$2&!+#Y).'4!>!\$2&!>#0&!, 'c&B3!2#:#(!#!;#B-&!)>!@Dd!#(:!#!E!;#B-&!)>]D8D!!



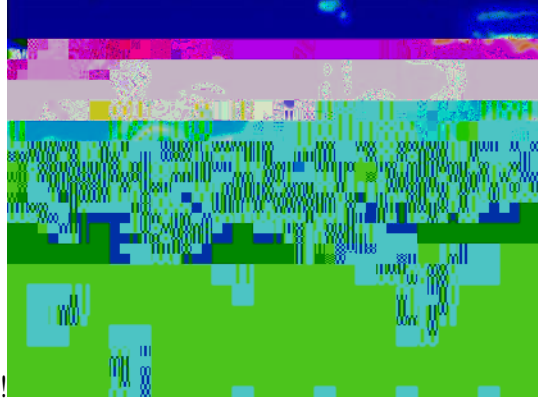
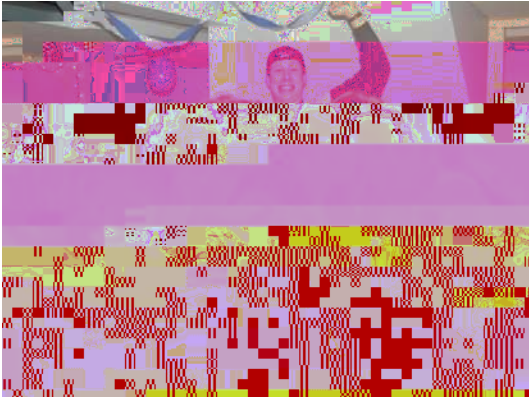


! ! 9!\$2'3!,)'(\$5!#!>#0&(&33!+#,!E#3&:!)(!0)B).!0#(!E&!E\$#'( &:!)>!.!#(4!  
'+#A&d!!1 2&!>-(0\$')(!b!0.&#&#: !W0)B).N#0&(&33D+X!0)( ;&.\$3!\$2&!' + #A&!\$)!V#E!0)B).!3, #0&5!  
#(:!-3'(A!\$2&!3#+&!;#B-&3!>).!\$2&!'+'(5!+#c5!#(:!(-+E&.!>)'E'(35!0)( ;&.\$3!\$2&!#!#(:!E!  
;#B-&3!('\$)!E'(!'(:'0&3D!!1 2&3&!'(:'0&3!#.&!B))K&: !- ,!'(!\$2&!,#.#+&\$.'0!>#0&(&33!+):&B5!  
#(:!\$2#\$',#.\$'0-B#.!;#B-&'3!3&\$!>).!\$2#\$','c&BD!!9>\$&.!F&!A)!\$2.)-A2!#BB!\$2&!, 'c&B35!F&J.&!B&>\$!  
F'\$2!#(!'+ #A&!\$2#&!&c, .&33&3!\$2&!>#0&(&33!>).!&#02!#.&#!>)\$2&!, '0\$- .&D!!1 2&!>)BB)F'(A!'3!  
#(!&c#+ ,B&!>#!0)B).!>#0&(&33!+#,<!



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E&A' (5!&#02!>#0&!W)E\$#' (&: !>.) +!, #.\$!#X!'3!.&32#, &: !)\$ !E&! ) (&!B) (A!2). 'H) (\$#B!; &0\$) .5!V@!

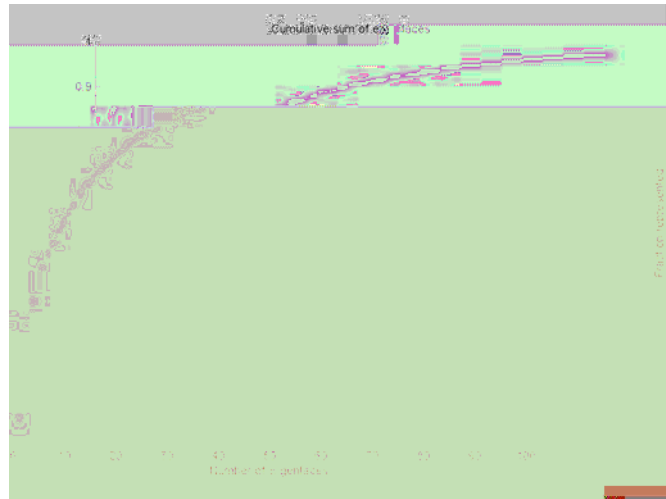
(.) + #B'H&:5!# (: !, B#0& : !' (!#!B#.A&! + #\$. 'c!E4!\$2&!>- (0\$') (!>#0& " #\$. 'cD+D!! G &! (.) + #B'H&!

&#02!>#0&!\$)! + #K&'!\$3)!\$2&!; #B- &3!#.&! ' (!\$2&!3# + &!.# (A&!)>!: #\$\$#3)!\$2&4!0# (B#\$&.!E&!

0) + , #.&: !0) ..&0\$B4D!! 12&! + #\$. 'c!0.&#\$&: !E4!\$2'3!>- (0\$') (!'3!)>!3'H&! + !E4!(!F2&.&! + !'3!\$2&!

(- + E&.!)>!>#0&3!# (: !'(!'3!\$2&!F': \$2!\$' + &3!\$2&!2&'A2!\$2#!'3!, #33&: !' (\$)!\$2&!>- (0\$') (D!!!

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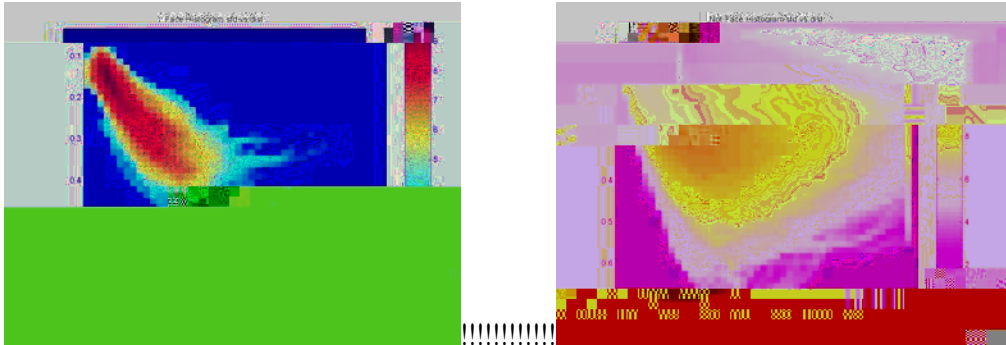


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! 1)!)E\$#'(#!>#0&(&33!+#,!F&!A)!\$2.)-A2!&#02!, 'c&B!+-02!B'K&!F&!:'!>).!\$2&!0)B).!  
>#0&(&33!+#,D!!U)F&;&.5!&33&(\$'#BB4!F2#\$!F&!F#(\$!\$)!:)!'3!\$.4!\$)!.&0.&#\$&!#!,).\$')(!)>\$2&!  
'+#A&!#.)-(!&#02!, 'c&BD



? &; '#\$') (!; 3D! ? '3\$#(0&!>).!N#0&3<!!!!!!!!!!!!!! ? &; '#\$') (!; 3D! ? '3\$#(0&!>).!O) (!N#0&3<!



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N.) + !\$2&3& !\$F)! + #\$. '0&35!#!, .)E#E'B'\$4! + #\$. 'c!0#(!E&!0) + , )3&: !E4!: ' ; ': '(A!\$2&!<br>>#0&!2'3\$)A.# + !E4!\$2&!3- + !> !\$2&!>#0&!#( : !() (!>#0&!2'3\$)A.# + 3D!! 1 2&!>)BB) F'(A!<br>, .)E#E'B'\$4! + #\$. 'c!'3!0.&#& : 5!F'2'02!F&!0#(!, #33!'(\$)!#!>- (0\$') (!#(:!B))K!- , !; #B- &3! + -02!<br>B'K&!F&! : ' : !>).!\$2&!0)B).!>#0& (&33! + #, D!!



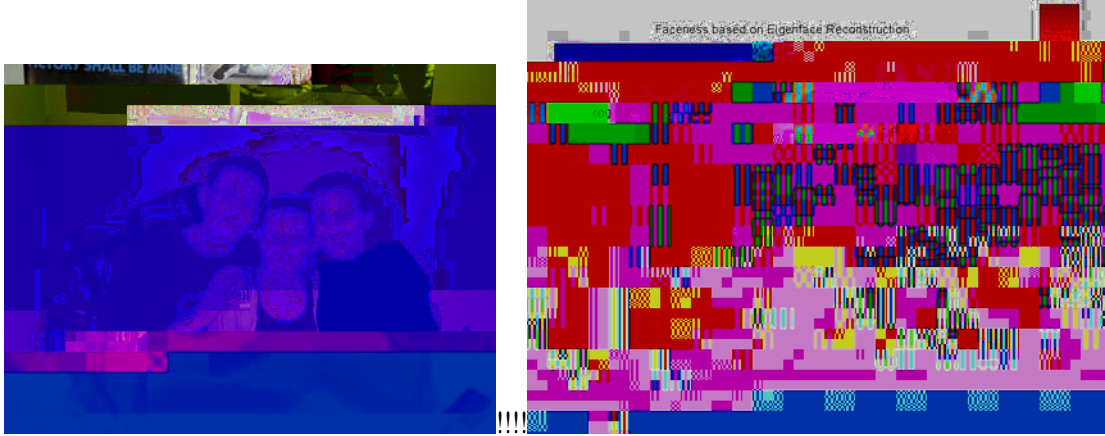
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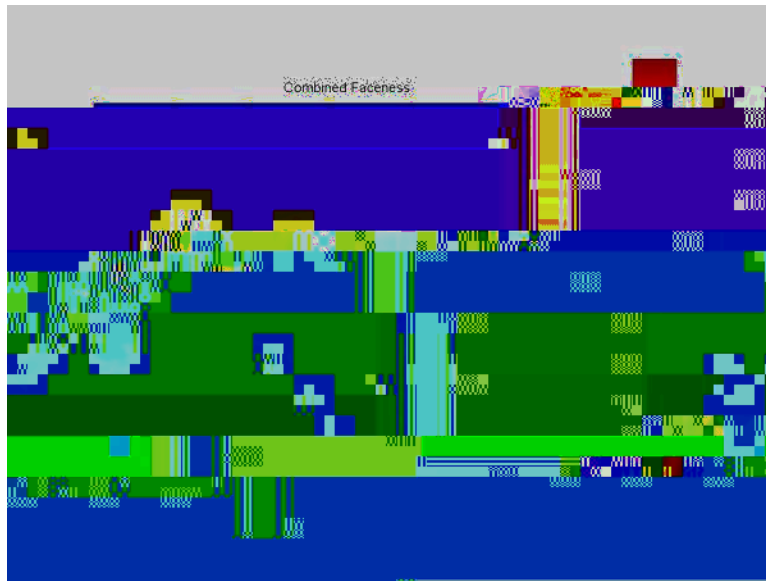
3+##BB!3'H&!W.&3'H'(A!>' ;&!\$'+&3!F'BB!.& : -0&!#1877c`77!' + #A&!\$!)! ]7cf7X!#F2'02!\$2&.&!  
0) -B: !E&! ( ) !>#0&3!\$2&!3'H&!> ! \$2&!E) - ( : ' (A!E) cD!!!!!!  
! 9\$!\$2&!& ( : ! )> ! \$2'3!> - (0\$') (5!F&!#.&!B&>\$!F'\$2!#!>#0& (&33! + #, !E#3&: ! ) (!&'A& (>#0&!<br>.&0) (3\$. -0\$') (D!!12&.&!32) -B: !E&! , &#K3! ' (!, B#0&3! ' (!F2'02!>#0&3!)00- .D!!12&!>)BB) F' (A!'3!  
# (!&c# + , B&! )>#!>#0& (&33! + #, !E#3&: ! ) (!&'A& (>#0&!.&0) (3\$. -0\$') (D!



(= %> : \$'1, \* - %' %> . 8 6, \* \$ ( % ! ' # \$ \* \$ ' ' % A " B %

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+ -B\$' , B'0#\$') (D!!12'3!3' + , B&!0#B0 - B#\$') (!F'BB!F) .K!E&0# - 3&!> !F2#\$!F&!F# (\$& : !> . ) + !&#02!  
)> ! \$2&!>#0& (&33! + #, 3D!!12&!0)B) .!>#0& (&33! + #, !32) -B: !>' ( : !#.&#3!)> !3K' (\$) (&5!F2'B&!\$2&! ( ( ) - 1 (\$) - 1 (&) - 1 ( :

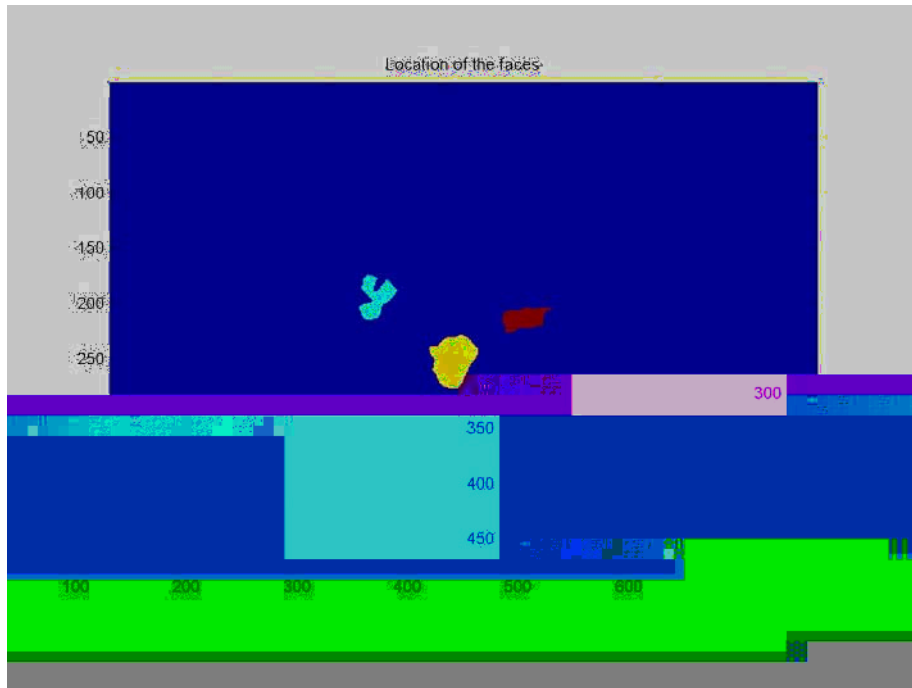
.&\$-.( &: !E4!&'\$2&.D!! 12&!.&3-B\$!'3!#(!'+#A&!\$2#B) )K3!B'K&!'\$2&!>)BB) F'(A5!F'\$2!\$2&!,&#K3!)>!  
O)B)!.&,.&3&('\$ (A!F2#F!&-B\$'+#\$&B4!F#(\$5!)-.!>#0&3<!



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12&.&!#.&13\$'BB!3) +&!#.&#3!>)0)B)!.F2&.&!>#0&3!: ) (J\$!)00-.D!! 1)!)0)..&0\$!\$2'35!b!  
B) )K&: !#)\$2&!; #B-&3!#( :!)E\$#'( &: !#!( - +&.'0#B!; #B-&!>)!.F2#B!E&B'&; &: !3&, #.#\$&: !>#0&3!  
>.) +!( ) (!>#0&3D!!b!F.)\$&!'\$2&!>-(0\$') (!>'(:N#0&3D+5!F2'02!2#3!\$2&!>#0&(&33!+#\$. 'c!#3!'\$3!  
) (B4!'(, -\$D!!b\$!\$-. (3!\$2&!' + #A&!'(\$)!#E'(#.4!' + #A&!F2)3&!; #B-&3!:&, &(:!) (!\$2&!, .&!  
: &\$&. + '( &: !\$2.&32)B: D!! I (0&!'\$2&!'E'(#.4!' + #A&!3!)E\$#'( &: 5!'\$!3!, #33&: !'(\$)!#! " #B#E!  
>-(0\$') (!0#BB&: !EF +) ., 2!F2'02!0B&#(3!-, !\$2&!'E'(#.4!' + #A&#!#( : !>'BB3' (!2)B&3D!! 12&(5!\$2&!  
+ #\$. 'c!3!, #33&: !'(\$)!#( )\$2&!.! " #B#E!>-(0\$') (!0#BB&: !EF#E&B5!F2'02!>'(:3!0) ( (&0\$&: !  
0) +, ) (&(\$3!#( : !#33'A(3!\$2&+ !#BB!\$2&!3# + &!; #B-&!:&, &(: '(A!) (!F2#A.) - , !#, 'c&B!3' (D!!  
12&(5!b!-. (!\$2&!' + #A&!\$2.) - A2!#!\$2.&32)B: !4&\$!#A#' (5!A&\$\$(A!.' :!)>!(4!3 + #BB!A.) - , 3!\$2#B!  
, .)E#EB4!#.&(J\$!>#0&3D!!ZB\$'+#\$&B45!>'(:N#0&3!F'BB!.&\$-.( !#! + #\$. 'c!F '\$2!; #B-&3!.#(A'(A!  
>.) +!H&.)!\$)!\$2&!( - +E&.!)>#0&3' (!\$2&!' + #A&D

F2&.&!\$2&!>'.3\$!>#0&!>)00-.35!#.&#3!F2&.&!\$2&!+##\$. 'c!'3!\$F)!3!F2&.&!\$2&!3&0)( :!>#0&!>)00-.35!  
 &\$OD!!12&!>)BB)F'(A!'3!#(!&c#+,B&!>!F2#!'3!.&\$-.(&:!E4!>'( :N#0&3<!



! 9!\$2'3!,)'(\$5!>).!&#02!>!\$2&3&!A.)- ,3!F&!0#(!>'(:!#!0&(\$&!.,)')(\$!>)+#335!F2'02!  
 F'BB!32)-B: !E&!\$2&!0&(\$&!.!>!\$2&!>#0&D!!N).!&#02!A.)- ,5!#(!#;.&.#A&!c!#(:!4!;#B-&!3!  
 :&\$&.+ '(&:5!#(:!\$2&!0&(\$&!.!>)+#33!F'BB!E&!\$2&!0&(\$&!.!>!\$2&!>#0&D!!!G&!()F!32)-B: !2#;&!  
 \$2&!B)0#'\$) (!>#BB!\$2&!>#0&3!'(!\$2&!'+#A&5!#(:!0#(!\$2&(!0.) ,!)-\$!\$2&3&!,.)\$')(3!>).!-3&!('!  
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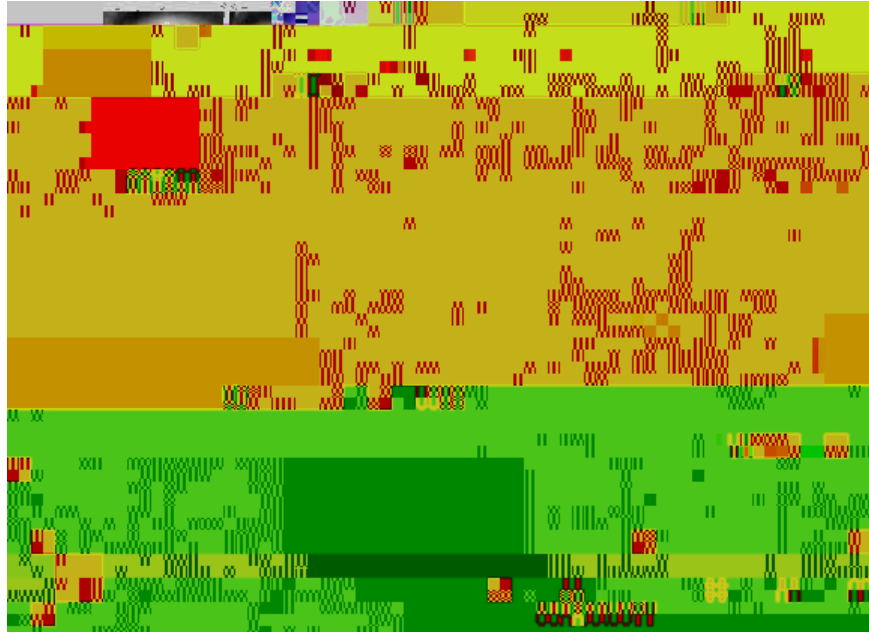
)C9%D@\$#.-\*,E,\*-F!'!#\$%'

% 12&!.&3-B\$3!>!\$2'3!,#.\$!>)+4!.&3&#.02!F&.&!3)+&F2#&\$!-(3-00&33>-BD!!U)F&;&.&5!  
 \$2&!#BA).'2+!'3!3\$'BB!'(\$&.&3\$'(A!&()-A2!\$)!:&\$#BD!!1)!E&A'(5!b!\$. '&: !)\$!A.)- ,!\$2&!).'A'(#B!  
 0.) , ,&: !>#0&3!'(\$)!A.)- ,3!>!\$2&13#&+&! ,&.3)(D!!1)!: )!\$2'35!b!F).K&: !F'\$2!\$2&!&'A'(>#0&3!  
 )E\$#'( &: !F2&(!\$.#(' (A!\$2&!#BA).'2+D!!!

! M#3'0#BB45!\$2&.&!#.&!+ # (4!F#43!\$)!A)!#E)-\$!A.)- , '(A!\$2&!'+#A&3D!!b!E&B'&;&: !\$2&!  
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((( ((( ((( (3^?Y(+())W;0D&5%AVM1(F;0A4&:A%VM1(D&5%A;6(A4&:A%;6\*J(  
((( ((( ((( ((( (%A&/9&\$(+(&E\$>'90&EC3^?Y1J(  
((( ((( ((( ((( ((( (  
((( ((( ((( ((( (2!&:">4061J\$-!J&E,:4/\$0%A&/9&\$1J,I&/(&E,:4J%>"4/&N4J(  
((( ((( ((( ((( (&EL4!'>4(+(%A&/9&\$J(  
( ( ( %A&/9&\$((+(%A&/9&\$ (V(/"E0,L/0%A&/9&\$0G111J(  
( ( ( %A&/9&\$(+(>4/A,940%A&/9&\$C6CD&5%ATA4&:A%1J(  
( ( ( (  
( ( ( 2/"L%>,\$%(%A4(E4,#(!,\$4(  
( ( ( &EM(+ (5'"L-40%A&/9&\$1(; (E4,#P,\$4J(  
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( ( ( >4\$>4,%45P,\$4(+ (E4,#P,\$4(X(EBn4&:A%/T4&:P,\$4/J(  
( ( ( (  
((((((((((((((54Z(+(/%50&EL4!'>40G11J(  
((((((((((((((5&/%(+(/"E0,L/0%A&/9&\$(;(>4\$>4,%45P,\$411J(  
((((((((((((((2L&:E,%>&I0FC\$'"#%4>1(+ (54ZJL&:E,%>&I0FX6C\$'"#%4>1+5&/%J(  
(((((((((((((((\$'"#%4>+\$'"#%4>X6J(  
(((((((((((((((  
((((((((((((((54ZZ,-(+ (6X!-'>0L&#/T054Z;0E&#54Z11V0E,I54Z;0E&#54Z111J(  
((((((((((((((5&/%Z,-(+ (6X!-'>0L&#/T05&/%;0E&#5&/%11V0E,I5&/%;  
0E&#5&/%111J(  
((((((((((((((&! (54ZZ,-<L&#/(  
((((((((((((((((((54ZZ,-+L&#/J(  
((((((((((((((4#5(  
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((((((((((((((((((54ZZ,-+6J(  
((((((((((((((4#5(  
((((((((((((((&! (5&/%Z,-<L&#/(







!"#\$%&'#(EBE,%>&I(+ (4&:4#P,\$4#4//.>'L0&EC(  
4&:P,\$4/CE4,#P,\$4CD&5%ACA4&:A%C91J(  
2!"#\$%&'#(EBE,%>&I(+ (4&:4#P,\$4#4//.>'L0&EC(  
4&:P,\$4/CE4,#P,\$4CD&5%ACA4&:A%C91J(  
2F\ .QY(  
2((( &E(G(, (:>,B/\$,-4(&E,:4(  
2((( (4&:P,\$4/G(%A4(4&:4#P,\$4/(!>'E(.?b(  
2((( (E4,#P,\$4G(%A4(E4,#P,\$4(!>'E(.?b(  
2((( (D&5%ACA4&:A%G(%A4(D&5%A(,#5(A4&:A%('!(%A4(L'I('%('"/4(  
2dQY.QY(  
2((( (EBE,%>&I(G(b(E,%>&I('!(%A4(a!,\$4#4//a('!(4,\$A(9&I4-(  
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)EC#\*(+(/&N40&E1J(  
\$'"#%4>+=J\$'"#%4>M+6J(  
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A(+(!/94\$&,-0H:,"//&,#HCS6Ch1J(  
&E(+(&E!&-%4>0&ECA1J(EBE&#(+ (ffffJ((EBE,I(+ (;ffffJ(  
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(((('\$'"#%4>+\$'"#%4>X6J(  
(((('%9-4!%+( )0A4&:A%VM1X6(0D&5%AVM1X6\*J(  
(((('L'%%E>&:A%(+)E;0A4&:A%VM1(#;0D&5%AVM1\*J(  
(((('E,%>&I(+ (N4>' /0E;A4&:A%C#;D&5%A1J(  
(((  
(((('!>(F+(%'9-4!%061GL'%%E>&:A%061(  
(((('(((('!>(W+(%'9-4!%0M1GL'%%E>&:A%0M1(  
(((('(((('(((('3^?Y(+ )W;0D&5%AVM1(F;0A4&:A%VM1(D&5%A;6(A4&:A%;6\*J(  
(((('(((('(((('(%A&/9&\$+( &E\$>'90&EC3^?Y1J(  
(((('(((('(((('E,%>&IOF;0A4&:A%VM1CW;0D&5%AVM11C>4\$>4,%45P,\$4\*(+ (  
!, \$4o,-0&A&/9&\$C4&:P,\$4/CE4,#P,\$4CD&5%ACA4&:A%C\$'"#%4>CFCWC91J(  
(((('(((('4#5(  
(((('(((('F(  
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(((('&!( '\$'"#%4>(+ +(6(  
(((('(((('EBE,%>&I(+ (E,%>&IJ(  
(((('4#5(  
(((('D>&%49&\$+6;#'>E,-&N40E,%>&I1J(  
(((  
(((('2TTTTTTTTTQ#\$'EE4#%(%A4(#4I%(-&#4(&!(B'"H>4(E,@&#:(,(E'Z&4(  
(((('2E'Z&4M,Z&0cC)H!,\$4E'Z&47,Z&H\*CH!9/HC6=1J(  
(((  
(((('(&ED>&%40#'>E,-&N40D>&%49&\$1C)H!,\$4#4//H(&#%M/%>0\$'"#%4>1(  
H789:H\*CH894:H1J(  
(((('!&5(+(!'94#0H!,\$4#4//7A%EHCH,H1J(  
(((('!9>&##!0!&5C(H`&E:( />\$+aH1J!9>&##!0!&5CH2/HC)H!,\$4#4//H(  
&#%M/%>0\$'"#%4>1(H789:H\*1J(  
(((('!9>&##!0!&5CHa<`L><H1J(  
(((('!\$-'/40!&51J(  
(((('&E+&E>4/&N40&EC/&N40&E1V/R>%0M1CHL&-&#4,>H1J(  
(((('EC#\*+ /&N40&E1J(  
(((('24#5(  
(  
(  
!"#\$%&'#( )Z,-C>4\$>4,%45P,\$4\*(+ (  
!, \$4o,-0&EC4&:P,\$4/CE4,#P,\$4CD&5%ACA4&:A%C\$'"#%4>CFCWC91J(  
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!"#\$%&'#(!,\$4E,9CL&#P,\$4/C#"EP,\$4/\*(+(:4%P,\$4#4//0&EC\$'->'LC4&:>'L1J(  
2!"#\$%&'#(!,\$4E,9(+(:4%P,\$4#4//0&EC\$'->'LC4&:>'L1J(  
2(  
2F\ .QY(  
2((((&E(;(b#(&E,:4(>4,5(5&>4\$%-B(!>'E(&E>4,5(  
2((((('\$'->'L(;(YA4(9>'L,L&-&%B(%A4(9&I4-(&/,(!, \$4(L,/45('#('\$'->(  
0e,Z45(/,9M1(  
2((((4&:>'L(;(YA4(9>'L,L&-&%B(%A4(L'I(&/,(!, \$4(L,/45('#(eYpV5&/%('%'  
!, \$4(  
2((((((((((((((((/9, \$4(0/,Z45(/,9S1(  
(  
\$'->P,\$4E,9(+('\$'->P,\$4#4//0&EC\$'->'L1J(  
(  
&E(+(>:LM:>,B05'"L-40&E1VMOO1J(  
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!"#$%&'#(!,$4#4//*(+($'EL&#4P,$4#4//04&:P,$4#4//C$'-P,$4#4//1(
2(
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(
)EC#*(+(/&N404&:P,$4#4//1J(
)EMC#M*(+(/&N40$'-P,$4#4//1J(
(
4&:P,$4#4//(+ (9,5,>>,B04&:P,$4#4//C)0EM;E1VM(0#M;#1VM*C=CHL'%AH1J(
(
!,$4#4//(+ (04&:P,$4#4//1(7T(07OT$'-P,$4#4//1J(
!&:">40h1J&E,:4/$0!,$4#4//1J,I&/(&E,:4J%>"4/&N4J%&%-40H?'EL&#,%&'#('!(
$'- '>(#5(4&:4#!,$4(!,$4#4//H1J(

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!"#\$%&'#()4&:4#!,\$4/C!,\$4/9,\$4CE4,#P,\$4\*(+(. ?b0#"E4&:/Cb1J(  
2!"#\$%&'#()4&:4#!,\$4/C!,\$4/9,\$4CE4,#P,\$4\*(+(. ?b0#"E4&:/Cb1J(  
2F\ .QYe(  
2((#"E4&:/G(YA4("#EL4>'!(4&:4#!,\$4/(%'(>4%">#(  
2((b(G(b#(E(I(#(E,%>&I(DA4>4(%A4(>'D/('\$>>4/9'#5(%(' '#4(!,\$4(&E,:4(,#5(  
#(  
2(((&/(%A4("#EL4>'!(!, \$4/(  
2dQY.QYe(  
2(((4&:4#!,\$4/G(%A4(4&:4#P,\$4/(>4%">#45(!>'E(/Z5(  
2(((!,\$4/9,\$4G(%A4(D4&:A%/(!'>(4,\$A('!(%A4(!,\$4/(  
2((E4,#P,\$4G(%A4(,Z4>,:4(!,\$4(  
(  
(  
E4,#P,\$4(+ (E4,#0b1J(  
)EC#\*(+(/&N40b1J(  
2!&:">4061J\$-!J&E,:4/\$0>4/A,940E4,#P,\$4HC6M=C]=11J,I&/(  
&E,:4J%>"4/&N4J\$'- '>E,9(:>,BJ(  
2(#'>E(+ (E4,#P,\$4(; (E&#(0(E4,#P,\$40G1(1J(#'>EE4,#(+ (#'>E(V(E,I(0(  
#'>E0G1(1J(  
2(&ED>&%40#'>EE4,#CHE4,#P,\$4789:HCH894:H1J(  
2(  
2(  
2(!&5(+(!'94#0H4&:!, \$4&#54I7A%E-HCH,H1J(!9>&#%!0!&5CH`&E:(  
/>\$+aE4,#P,\$4789:a<H1J(!\$-'/40!&51J(  
(  
!'>(F+6GE(  
(((b0FCG1(+ (b0FCG1(; (E4,#P,\$4J(  
4#5(  
(  
2P&#5(%A4(4&:4#Z4\$%'>/('!(b(  
)"C/CZ\*(+(/Z50bHC=1J(  
) ,CL\*(+(/&N40"1J(  
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!"#\$%&'#()e\*(+(/&E&-,>&%Bc,%>&I0p1(  
2((!"#\$%&'#()e\*(+(/&E&-,>&%Bc,%>&I0!,\$4e9,\$4C4&:P,\$4/CE4,#P,\$41(  
2((F\.QY(G((

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! "#\$%&'#( )&#54IC-'\$\*(+(9, &>?-'/%4>0eC@C\$-'/%4>/1(

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)"C/CZ\*(+(/Z50e1J(

)EC#\*(+(/&N40"1J(

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!'>(F+6G@

(( (4&:Z4\$%0FCG1(+( "0GCF1HJ(

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)&#54IC-'\$\*(+(@E4, #/04&:Z4\$%HC\$-'/%4>/CH349-&\$,%4/HCM=C(

H^E9%Bb\$%&'#HCH/&#:-4%'#HCHp&/9-,BHCH&%4>H1J(

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!"#\$%&'#()\*+(  
E,@4?-"/%4>.,:40@E4,#45C-'\$C4&:P,\$4/CE4,#P,\$4C9,:4#,E4C54/\$1(  
2(!"#%\$&'#()\*+(  
E,@4?-"/%4>.,:40@E4,#45C-'\$C!,\$4e9,\$4CE4,#P,\$4C9,:4#,E4C54/\$1(  
2(((F\ .QY(  
2(((((@E4,#45(G(%A4(&#54I(>4\$4&Z45(!>'E(@E4,#/(  
2(((((-'\$G(%A4(-'\$(>4\$4&Z45(!>'E(@E4,#/(  
2((((((9,:4#,E4G(%A4(#,E4('!(%A4('"%9"%(&#54I(9,:4(0D&%A'"%(7A%E1(  
2((((((54/\$G(,/ %>&#:(54/\$>&9%&'#('!(%A4(9,:4(  
(  
9&\$/(+(5&>0HT\_T\_T789:H1J(  
)EC#\*(+(/&N40@E4,#451J(  
!&5(+(!'94#0)9,:4#,E4(H7A%EH\*CH,H1J(  
!9>&#%!0!&5CH`!'#%(/&N4+aXSa`L<H1J!9>&#%!0!&5C(  
54/\$1J!9>&#%!0!&5CH`V!'#%<`VL<`9<H1J(  
!\$-'/40!&51J(  
!'>(F+6GE,I0@E4,#451(  
((((((2>4\$>4,%4P,\$4FE0-'\$0FCG1C9,:4#,E4CF1J(  
((((((>4\$>4,%4P,\$4q0-'\$0FCG1C9,:4#,E4C4&:P,\$4/CE4,#P,\$4CF1J(  
((((((!'>(W+6GE(  
(((((((((&!(@E4,#450W1++F(  
(((((((((((((((((!&5(+(!'94#0)9,:4#,E4(H7A%EH\*CH,H1J(  
((((((((((((((((((((!9>&#%!0!&5C(H`&E:(  
/>\$+aH1J!9>&#%!0!&5CH2/HC9&\$/0W17#,E41J!9>&#%!0!&5CHa<K#H1J(  
(((((((((((((((((!\$-'/40!&51J(((((  
((((((((((4#5(  
((((((4#5(  
(((((!&5(+(!'94#0)9,:4#,E4(H7A%EH\*CH,H1J(  
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!"#\$%&'#()\*+(>4\$>4,%4P,\$4q0-'\$C9,:4#,E4C4&:P,\$4/CE4,#P,\$4CW1(  
2F\ .QYeG(  
2((((('\$(G(%A4(-'\$(>4%">#45(LB(@E4,#/(  
2((((((9,:4#,E4G(%A4(#,E4('!(%A4(A%E-(!&-4(  
2((((((4&:P,\$4/G(%A4(4&:4#P,\$4/(!>'E(.?b(  
2((((((E4,#P,\$4G(%A4(E4,#P,\$4(!>'E(.?b(  
2((((((W(G(%A4("#EL4>(%A,%H/(9"%(!%4>(%A4(!&-4#,E4(  
(  
>4\$>4,%45b(+ (E4,#P,\$4J(  
)5'##\$,>4C#"E4&:/\*(+(/&N40-'\$1J(  
!'>(F+6G#"E4&:/(  
(((>4\$>4,%45b(+>4\$>4,%45b(X(0-'\$06CF1(T(4&:P,\$4/0FCG11J(  
4#5(  
EB&E(+>4/A,940>4\$>4,%45bC6M=C]=1J(EB&E(+(#'>E,-&N40EB&E1J(  
&ED>&%40EB&EC)9,:4#,E4(&#%M/%>0W1(H789:H\*CH894:H1J(  
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!&5(+(!'94#0)9,:4#,E4(H7A%EH\*CH,H1J(  
!9>&#!0!&5C(H?-"/%4>(  
H1J!9>&#!0!&5CH2/HC&#%M/%>0W11J!9>&#!0!&5CHGK#H1J(  
!9>&#!0!&5C(H`&E:(/>\$+aH1J!9>&#!0!&5CH2/HC)9,:4#,E4(&#%M/%>0W1(  
H789:H\*1J!9>&#!0!&5CHa<K#H1J(  
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2(()\*+(!"#\$%&'#(>4\$>4,%4P,\$4FE0-'\$C9,:4#,E41J(  
2(((Q/45(%'(>4\$>4,%4(,(!, \$4(!>'E(&E,:4(9&I4-/(  
2F\ .QY(  
2(((EB&E(G(,(6Ifi==(E,%>&I(&E,:4(  
2(((9,:4#,E4G(#,E4('!(%A4(&#54I(9,:4(E,54(  
2(((FG("#EL4>(9"%(!,%4>(%A4(!&-4#,E4(  
(  
(((EB&E(+(>4/A,940EB&EC6M=C]=1J(EB&E(+(#'>E,-&N40EB&E1J(  
((((&ED>&%40EB&EC)9,:4#,E4(&#%M/%>0F1(H789:H\*CH894:H1J(  
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!&5(+(!'94#0)9,:4#,E4(H7A%EH\*CH,H1J(  
!9>&#%!0!&5C(H?-"/%4>(  
H1J!9>&#%!0!&5CH2/HC&#%M/%>0F11J!9>&#%!0!&5CHGK#H1J(  
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H789:H\*1J!9>&#%!0!&5CHa<K#H1J(  
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