



**B9KG7CFDCF5H=CB**

**:CFA+\*E**

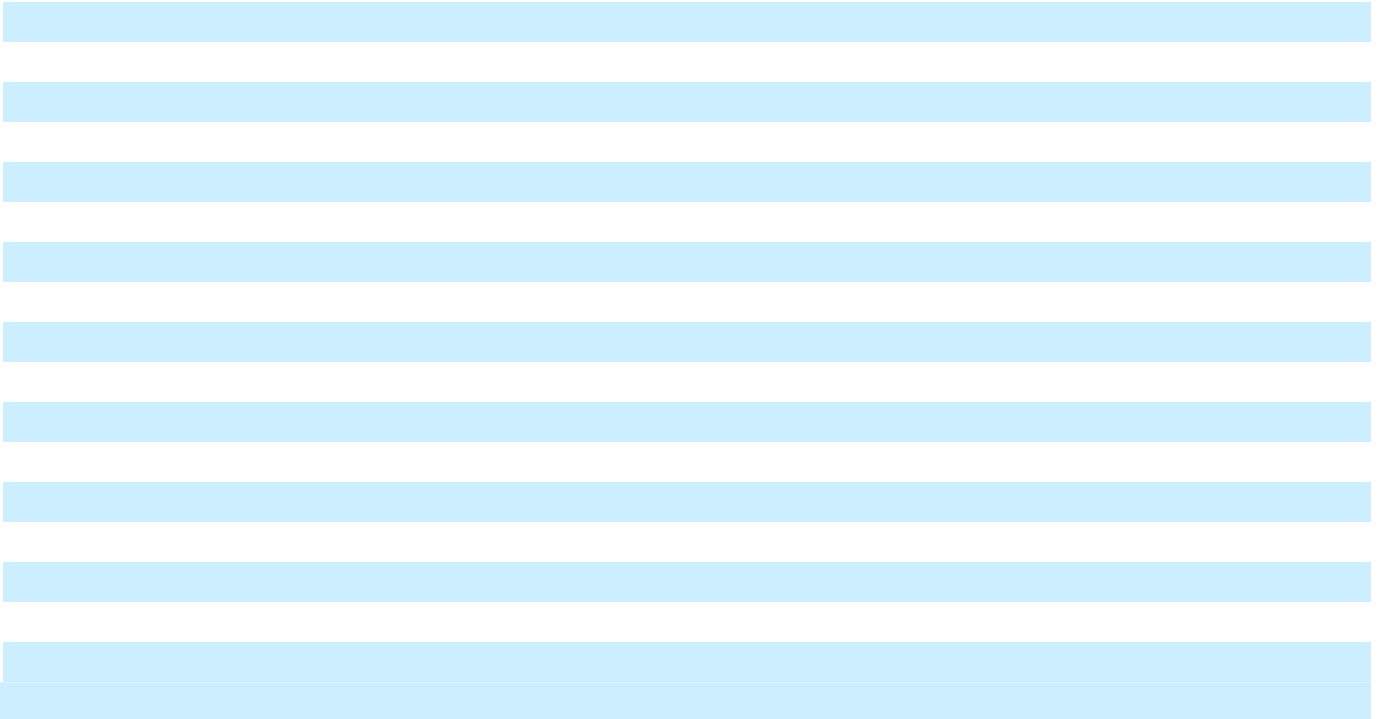
**H56@9C:7CBH9BHG**

**D5FH =**

**=H9A +( :=B5B7=5@ GH5H9A9BHG**

**B9KG 7CFDCF5H=CB**

**7CBGC@=85H98 GH5H9A9BHG C: CD9F5H=CBG**





**B9KG 7CFDCF5H=CB**  
**7CBGC@=85H98 65@5B79 G<99HG**

$\frac{5b \wedge U}{GT\_cT \setminus QTa - *k, *, -}$	$\frac{5b \wedge U}{>d]T - *k, *, -}$
\$d]PdSxcTS%	\$PdSxcTS%

5bbTcb4

@XPQ[XcYtb P]S 9`dXch4

7[Pbb 5 R^ \ \ ^] bc^RZ

7[Pbb 6 R^ \ \ ^] bc^RZ

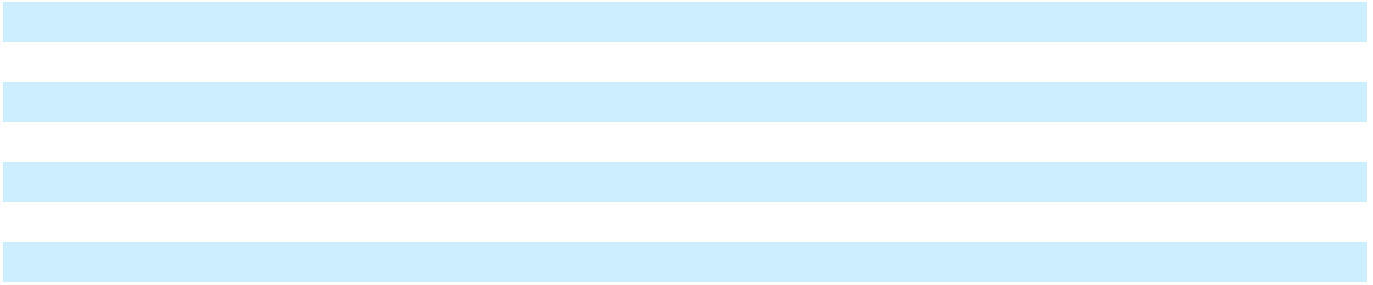




**BCH9 ,(F9J9BI9G**

: ^a cWT cWaTT \ ^]cWb T]SIS GT\_cT \ QTa -\*t ,\* , -

8\WcP[ FTP[  
9bcPcT  
GTae\RTb





CcWTa aTeT]dT S\br[^bdaTb

BCH9 -(=AD5=FA9BH 5B8 F9GHFI7HIF=B ; 7<5F ; 9G

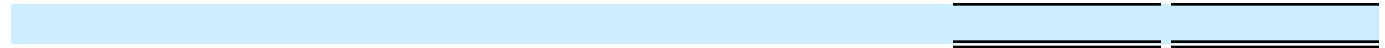
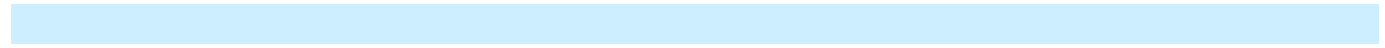
-DM><F %\$%' 0GJ<DLG@HN

-DM><F %\$%' 8@MNLO>NOLDHB

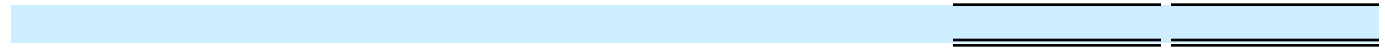
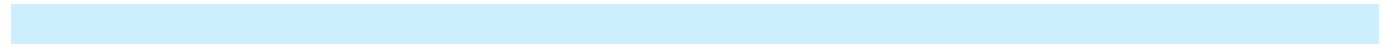
**B9KG 7CFDCF5H=CB**  
**BCH9G HC H<9 IB5 I8=H98 7CBGC@=85H98 :=B5B7=5 @ GH5H9 A9BHG**

**BCH9 .(=BJ9GHA9BHG**

$\frac{Cf]TabW\_]DTaRT]cPVT Pb ^U}{GT\_cT \ QTa - *i , * , -}$	$\frac{5b ^U}{GT\_cT \ QTa - *i , * , -}$	$\frac{5b ^U}{>d]T - *i , * , -}$
$\$X] \ \backslash \ \backslash [ [ ^ ] b\%$		



$\frac{: ^a cWT cWaTT \ ^]cWb T]STS}{GT\_cT \ QTa - *i}$
$\frac{, * , -}{, * , ,}$
$\$X] \ \backslash \ \backslash [ [ ^ ] b\%$



**9`dXch @^bbTb ^U 5UUX[XPcTb**

BCH9 / ( 6CFFCK=B ; G

$\frac{=]cTaTbc aPcT Pc}{GT\_cT \setminus QTa - *k}$	$\frac{A Pcdalch Pc}{GT\_cT \setminus QTa - *k}$	$\frac{5b \wedge U}{GT\_cT \setminus QTa - *k}$	$\frac{5b \wedge U}{>d]T - *k, *, -}$
$, *, -$	$, *, -$	$, *, -$	

\$X] \setminus X[X^{\wedge}]b\%

BTfb 7^a ^aPc[X^]

: ^gcT] ; a^d \$Q\%

F95 ; a^d \$Q\%

: X]P]RT [TPbT [XPOX]Xch



?XEVLGLDU\ 3LQDQFLQJ

\*IP@H<HNM

**BCH9 0( 9E I=HM**



5b ^U GT_cT \ QTa -*i ,*,-				5b ^U >d]T -*i ,*,-			
@TeT[ +	@TeT[ ,	@TeT[ -	H^cP[	@TeT[ +	@TeT[ ,	@TeT[ -	H^cP[
\$X] \ M[[X^]b%							

5 bbTcb4

H^cP[ PbbTcb

@XPQX[XcXTb4

H^cP[ [XPQX[XcXTb

9 `dXch bTRdaXcXTb

: ^a cWT cWaTT \ ^]cWb T]STS  
GT\_cT \ QTa -\*i

,\*,- ,\*,,

\$X] \ M[[X^]b%

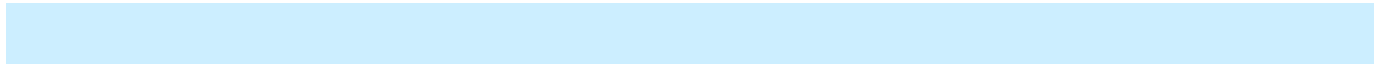




B9KG 7CFDCF5H-CB  
BCH9G HC H<9 IB5 I8-H98 7CBGC@-85H98 :=B5B7=5 @ GH5H9 A9BHG

;PX] \$[^bb% aTR^V]iITS X] 5RRd \ d[PcTS CeWTa 7^ \ _aTWT]bIeT @^bb U^a cWT cWaTT \ ^]cWb T]STS GT_cT \ QTa -*i	\$;PX] %[^bb aTR[PbbMUTS Ua^ \ 5RRd \ d[PcTS CeWTa 7^ \ _aTWT]bIeT @^bb U^a cWT cWaTT \ ^]cWb T]STS GT_cT \ QTa -*i	=]R^ \ T bcPcT \ T]c [^RPcI^]
,*, -	,*, ,	,*, -

\$X] \ M[X^]b%

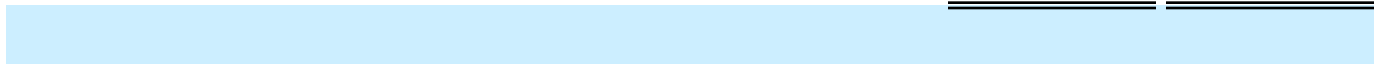
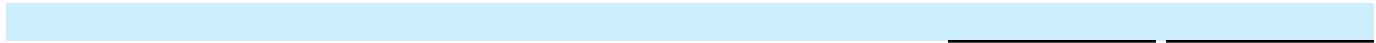
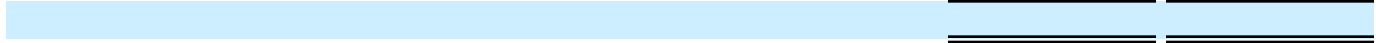
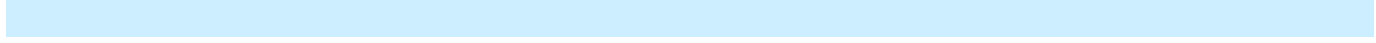



CcWTa :P%a JP[dT ATPbdaT \ T]cb

BCH9 2( 95FB=B ; G \$@CGG% D9F G< 5F9

: ^a cWT cWaTT \ ^]cWb T]STS GT_cT \ QTa -*i	
,*, -	,*, ,

\$X] \ M[X^]bi TgRT\_c \_Ta bWPaT P \ ^d]cb%



BCH9 3( 7CA A=HA9BHG 5B8 7CBH=B ; 9B7=9G

\*IGGDN@HNM



A%8% : HZVSDSHU 9DWHUV

@KH : HZV RI WKH BRUOG

@KH ?XQ



U 90=M>LDJNDIH ;D?@I 9@LPD>@M

/6: 42

+IQ IIH@M

@KH BD00 ?WUHHW 7RXUQD0 /DUURQ\_V

6QYHVWRU\_V /XVLQHVV I DL0\

U )IIE 70=FDMCDHB

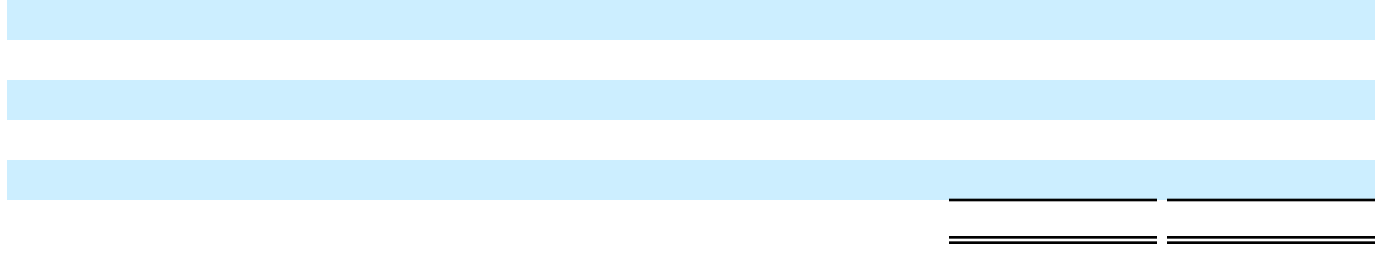
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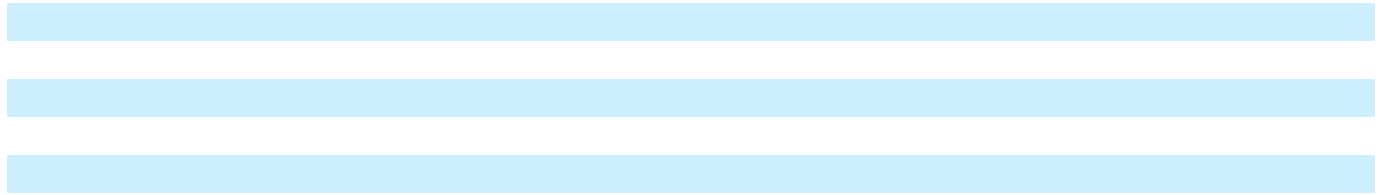
6NC@L 5 IH" \*OLL@HN (MM@NM

$$\frac{\text{GT\_cT} \setminus \overset{5b \wedge U}{\text{QTa}} - *i, *, -}{\$X] \setminus \wedge [i^{\wedge}] b\%} \quad \frac{\overset{5b \wedge U}{>d]T} - *i, *, -}{\$X] \setminus \wedge [i^{\wedge}] b\%}$$



6NC@L \*OLL@HN 3D<=DFDND@M

$$\frac{\text{GT\_cT} \setminus \overset{5b \wedge U}{\text{QTa}} - *i, *, -}{\$X] \setminus \wedge [i^{\wedge}] b\%} \quad \frac{\overset{5b \wedge U}{>d]T} - *i, *, -}{\$X] \setminus \wedge [i^{\wedge}] b\%}$$





HPQ[T ^U 7^]cT]cb

=H9A ,( A 5B5 ; 9 A9BHjG 8=G7 IGG=CB 5B8 5B5@MG=G C: :=B5B7=5@ 7CB8=H=CB 5B8 F9GI@HG C: CD9F5H=CBG

@KLV GRFXPHQW# LQFOXGLQJ WKH IR00RZLQJ GLVFXVLRQ DQG DQD0\VLV# FRQWDLQV VWDWHPHQW WKDW FRQVWLWXWH JIRUZDUG\$ORRNQJ VWDWHPHQW^ ZLWKLQ WKH PHDQLQJ RI ?HFWRQ ( ' 2 RI WKH ?HFUXULWHV 2[FKDQJH . FW RI ' - ) \*# DV DPHQGHG !WKH J2[FKDQJH . FW^"# DQG ?HFWRQ ( , . RI WKH ?HFUXULWHV . FW RI ' - ) # DV DPHQGHG% . 00 VWDWHPHQW WKDW DUH QRW VWDWHPHQW RI KLVWRULFDO IDFW DUH IRUZDUG\$ ORRNQJ VWDWHPHQW% @KH ZRUGV JH[SHFW#^ JZL00#^ JHVWLPDWH#^ JDQWFLSDWH#^ JSUHGLFW#^ JEHOLHYH#^ JVKRX0G^ DQG VLPLODU H[ SUHVVLROV DQG YDULDWLRQV WKUHRI DUH LQHQGHG WR LGHQWL\ IRUZDUG\$ORRNQJ VWDWHPHQW% @KXV VWDWHPHQW DSSHU LQ D QXP EHU RI SODFHV LQ WKLV GLVFXVLRQ DQG DQD0\VLV DQG LQFOXGH VWDWHPHQW UHJDUGLQJ WKH LQHQW# EHOLHI RU FXUUHQW H[SHFWDWLRQV RI WKH ORPSDQ\# LWV GLUHFWRUV RU LWV RILFHUV ZLWK UHVSHFW WR# DPRQJ RWKHU WKLQJ# WUHQGV DIHFWRQJ WKH ORPSDQ\\_V EXVLQHV# ILQDQFLDO FRQGLWLRQ RU UHVXOW RI RSHUDWLRQV# WKH ORPSDQ\\_V VWDWHPHQW\ DQG VWDWHPHQW LQWLWLYHV# LQFOXGLQJ SRWHQWDO DFTXLVLWLRQV# LQYHVVPHQW DQG GLVSRVLWLRQV# WKH ORPSDQ\\_V FRVW VDYLQJ LQWLWLYHV# LQFOXGLQJ DQQRXQFHG KHDGFRXQW UHGXFWRQV# DQG WKH RXWFRPH RI FRQWQJHQFLHV VXFK DV OLWLJDWLRQ DQG LQYHVVJDWLRQV# >HDGHUV DUH FDXWLRQHG WKDW DQ\ IRUZDUG\$ORRNQJ VWDWHPHQW DUH QRW JXDUDQWHV RI IXWXUH SHUIRUPDQFH DQG LQYROYH ULNVV DQG XQFHUWDLQLHV# 9 RUH LQIRUPDWLRQ UHJDUGLQJ WKHVH ULNVV DQG XQFHUWDLQLHV DQG RWKHU LPSRUWDQW IDFWRUV WKDW FRXOG FDXVH DFWXDO UHVXOW WR GLIHU PDWULD00\ IURP WKRVLQ WKH IRUZDUG\$ORRNQJ VWDWHPHQW LV VHW IRUK XQGHU WKH KHDGLQJ J>LVN 3DFWRUV^ LQ <DUW 6# 6WHP ' . % LQ : HZV ORUSRUDWLRQ\\_V . QQXD0 >HSRUW RQ 3RUP '&\$ 8 IRU WKH ILVFD0 \HDU HQGHG 7XQH )&# (& )# DV ILOHG ZLWK WKH ?HFUXULWHV DQG 2[FKDQJH ORPPLVLRQ !WKH J?20^" RQ . XJXVW '+# (& ) !WKH J(& ) 3RUP '&\$8^"# DQG DV PD\ EH XSGDWHG LQ WKLV DQG RWKHU VXEVHTXHQW =XDUWU0\ >HSRUW RQ 3RUP '&\$=# @KH ORPSDQ\ GRHV QRW RUGLQDULO\ PDNH SURWHFWLRQV RI LWV IXWXUH RSHUDWLRQ UHVXOWV DQG XQGHUWDNHV QR REOLJDWLRQ !DQG H[ SUHVVO\ GLVFDLQV DQ\ REOLJDWLRQ" WR SXEOLF0\ XSGDWH RU UHYLVH DQ\ IRUZDUG\$ORRNQJ VWDWHPHQW# ZKHWKHU DV D UHVXOW RI QHZ LQIRUPDWLRQ# IXWXUH HYHQWV RU RWKHU ZLVH# H[ FHSW DV UHTXLUHG E\ 0DZ% >HDGHUV VKRXOG FDUHIX00\ UHYLHZ WKLV GRFXPHQW DQG WKH RWKHU GRFXPHQWV ILOHG E\ WKH ORPSDQ\ ZLWK WKH ?20% @KLV VHFWRQ VKRXOG EH UHGD WRJHWKHU ZLWK WKH XQDXGLWHG FRQVROLGDWHG ILQDQFLDO VWDWHPHQWV RI : HZV ORUSRUDWLRQ DQG UHODWHG QRWHV VHW IRUK HOVHZKXUH KHUHLQ DQG WKH DXGLWHG FRQVROLGDWHG ILQDQFLDO VWDWHPHQWV RI : HZV ORUSRUDWLRQ DQG UHODWHG QRWHV VHW IRUK LQ WKH (& ) 3RUP '&\$8%

=BHFC8 I 7H=CB

U 6P@LPD@Q IA NC@ \*IGJ<HSWM ) OMDH@MM@M

U 8@MOFNM IA 6J@L<NDIHM

U 3DKOD?DNS <H? \*<JDN<F 8@MIOL>@M

CJ9FJ=9K C: H<9 7CAD5BMjG 6IG=B9GG9G

U +DBDN<F 8@<F , MN<N@ 9@LPD>@M









: ^a cWT cWaTT \ ^]cWb T]STS GT\_ct \ QTa -\*i

,\*, - ,\*, ,

: ^a cWT cWaTT \ ^]cWb T]STS GT\_ct \ QTa -\*i

,\*, - ,\*, ,

FTeT]dTb	GTV \ T]c 96-H85	FTeT]dTb	GTV \ T]c 96-H85
----------	---------------------	----------	---------------------

+DBDN<F 8@<F , MN<N@ 9@LPD>@M

: ^a cWT cWaTT \ ^]cWb T]STS GT\_ct \ QTa -\*i

,\*, - ,\*, , 7WP]VT " 7WP]VT

6TccTa)\$K^abT%

H^cP[ FTeT]dTb

.\*- .,+ \$+2% \$.% "

GTV \ T]c 96-H85

! +,, ! ++3 ! - - "









. GYHUVLQJ UHYHXHV

?HJPHQW 2/6@1.

:HZV ORUS .XVWUDOLD

:HZV A 8

‰‰

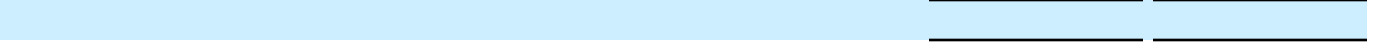
FHPEHU PIO( )]TJ  
HU 000 rg BT0 RG 0 ( )  
‰‰

*0MMO@L 7OL>C<M@M IA , KODNS 9@>OLND@M*

: ^a cWT cWaTT \ ^]cWb T]STS GT\_cT \ QTa -\*i

,\*, -

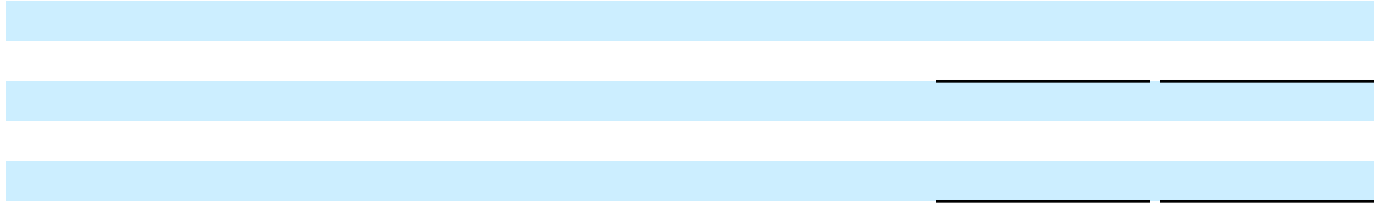
,\*, ,



:^a cWT cWaTT \ ^]cWb T]SIS  
GT\_cT \ QTa -\*t

,\*, - ,\*, ,

\$Y] \ X[[X^]b%



) ILLIQDHBM

:HZV ORUS /RUURZLQJV

3R[WHO 4URXS /RUURZLQJV

HPQ[T ^U 7 ^]cT]cb

>2 . 4URXS /RUURZLQJV

**\*IGGING@HNM**

**5b ^U GT\_cT \ QTa -\*l ,\*,-**

**DPH \ T]cb 8dT Qh DTa\^S**

**H^cP[**

**@Tbb cWP] +  
hTPa**

**U GT\_**





HPQ[T ^U 7^]cT]cb

=H9A .( 7CBHFC@G 5B8 DFC798 IF9G

\$P% 8\bR[^bdaT 7^]ca^[b P]S Da^RTSdaTb

\$Q% =]cTa]P[ 7^]ca^[ CeTa :y]P]R\p[ FT\_^ac\]V

D5FH ==

=H9A +( @9 ; 5@DFC7998=B ;G

=H9A +5( F=G? : 57HCFG

=H9A ,( IBF9 ; =GH9F98 G5@9G C : 9EI=HM G97 IF=H=9G 5B8 IG9 C : DFC7998G



HPQ[T ^U 7 ^]cT]cb

G= ; B5HIF9

