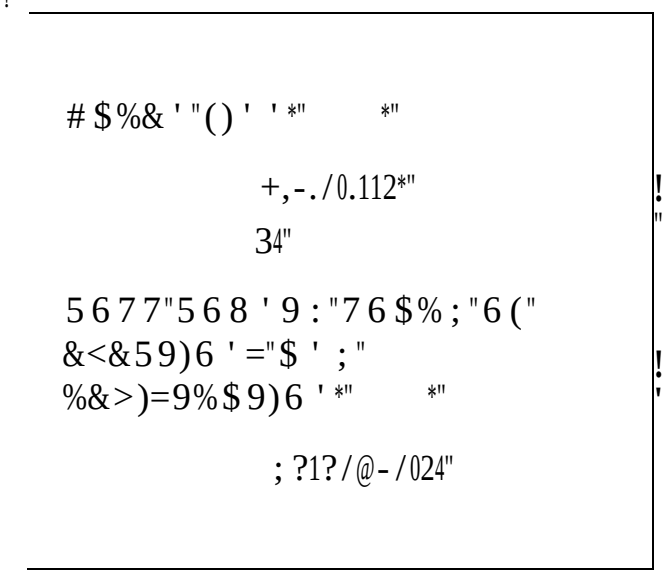

5.3.,"$A0.B/"'B4""
!CDDEA3EDFGGE&<%"

%0%*/%"+1'2,#"$'0,$#,"'$,'0,&#.1'*%0%&#)3'(+-%&!3%'

56H&"'6I*"+,-./0.112"#-J?/"(.//*";J4"K.,,.-/"(BJ@*"LM,-N";-,M*"K?//?"

;O,A.B*">$<&6"<-0./B"5BPPO/.0M";?3?,BQP?/0"(O/@*")/A4*"'?R">?BJS.-"+JBT?A0"

$A0.B/"(O/@*"<?-SO?"B1"IBP?/"UB0?J2"B1"H-J.?00-E5BVV*"-/@">?BJS.-"5B-,.0.B/"

(BJ"9N?"+?BQ,?W2"$S?/@-*")/A4"X0N?"Y+,-./0.112Z[*"TB./0,M"R.0N"0N?"5BVV"5BO/0M"

' B4"D!D4""

!4 6/" ;?A?PV?J" !*" DGDF*" 0N?" 5BOJ0" SJ-/0?@" +,-./0.112W" HB0.B/" 1BJ" +J?,.P./-JM")/TO/A0.B/" -/@" ?/TB./?@" 0N?" .PQ,?P?/0-0.B/" B1" 0N?" 5BVV" 5BO/0M" =ANBB,"7B-J@"P-Q"?/-A0?@"./"DGDD4"&5("' B4"D!D4")/".02"BJ@?J*"0N?"5BOJ0"2?0"1BJ0N"-" J?P?@.-,"2AN?@O,?*"RN.AN".0"/B0?@"R-2"Y,-JS?,M"V-2?@"OQB/"QJBQB2-,2"]0N?"+-J0.?2^" P-@?"./"-"1.,./S"@-0?@"=?Q0?PV?J"!!*"DGDF4Z" 4"-0"FF"XA.0./S"&5("' B4"!_G[4"

D4 9N?"+-J0.?2W"=?Q0?PV?J"QJBQB2-,2"J?S-J@./S"-"J?P?@.-,"2AN?@O,?"R?J?" V-2?@"B/"0N?"O/@?J20-/@./S"-0"0N?"0.P?"0N-0" ;?1?/@-/02"/??@?@"2.`"R??a2"QJ.BJ"0B" 0N?"V?S.//./S"B1"0N?"-/0.A.Q-0?@"A-/@.@-0?"bO-,.1M./S"Q?J.B@"0B"QJBQ?J,M".PQ,?P?/0" -/M"J?P?@.-,"P-Q4"&5("' B4"!_G"-0"D4"7-2?@"B/"0N.2"0.P?,./?*"0N?"+-J0.?2"V?,.?3?@" 0N-0".1"0N?"5BOJ0"SJ-/0?@"+,-./0.112W"HB0.B/"1BJ"+J?,.P./-JM")/TO/A0.B/*"-/M"BJ@?J" -@BQ0./S"-"J?P?@.-,"P-Q"RBO,@"/??@"0B"V?".22O?@"/B",-0?J"0N-/"K-/O-JM"DD*"DGD\4"

F4 7-2?@"B/"/?R"./1BJP-0.B/"1JBP"0N?"=?AJ?0-JM"B1"=0-0?W2"611.A?"-/@" ;?1?/@-/02W" 2OV2?bO?/0" ./3?20.S-0.B/2*" ;?1?/@-/02" -,?J0?@" +,-./0.112" -0" -QQJB`.P-0?,M"!DCGG"+4H4"B/"K-/O-JM"_*"DGD\"-/@"N?J?VM"20.QO,-0?"0N-0"-"J?P?@.-," P-Q"A-/"V?"QJBQ?J,M".PQ,?P?/0?@"2B",B/S"-2".0".2"-@BQ0?@"VM"0N?"5BOJ0"/B",-0?J"0N-/" (?VJO-JM"c*"DGD\4"

\4 >.3?/"0N.2"/?R"./1BJP-0.B/*"0N?"+-J0.?2"2??a"0B"PB@.1M"0N?"J?P?@.-," QJBA??@./S2"0B"QJB3.@?"0N?">?/?J-,"$22?PV,M"R.0N"-@@.0.B/-,"0.P?"0B"-@BQ0"-"

J? P ?@.-," P -Q".1".0"ANBB2?2"0B"@B"2B4"

d4 9N?"

"

%?2Q?A01O,,M"2OVP.00?@"0N.2"c0N"@-M"B1"K-/O-JM*"DGD*"

"

KB/">J??/V-OPg"
&hJ-";4"%B2?/V?JSg"
KO,.?"H4"LBOag"
=B1.-"(?J/-/@?h">B,@g"
" " " " " L?-0N?J"=h.,-SM.g"
" " " " " K-3B/";-3.2g"
<$I:&%=W"56HH)99&&"(6%""
5)U)<"%)>L9="8';&%"<$I"
!dGG"#"=0J??0*"=O.0?"cGG"
I-2N./S0B/*";5"DGGGd"
XDGD["ffDE_fGG"
TSJ??/V-OPi,-RM?J2ABPP.00??4BJS"
?JB2?/V?JSi,-RM?J2ABPP.00??4BJS"
TNBOai,-RM?J2ABPP.00??4BJS""
21SB,@i,-RM?J2ABPP.00??4BJS"
N2h.,-SM.i,-RM?J2ABPP.00?4BJS""
T@-3.2i,-RM?J2ABPP.00?4BJS"

7J-@,?M"&4"L?-J@"X>-4"7-J"'B4"F\DDGc["
+.AN-M-"+BM"I./.AN-aO,"X>-4"7-J"'B4"D\f_d_["
H.AN-?,"9-1?,2a."X>-4"7-J"'B4"dGjGGj["
=-VJ./-"=4"#N-/g"
5BOJ0/?M"6W;B//?,,"X>-4"7-J"'B4"!f\jDG["
=689L&%'"+6U&%9:"<$I"5&'9&%"
!dG"&4"+B/A?"@?"<?B/"$3?4*"=O.0?"F\G"
;?A-0OJ*">?BJS.-"FGGFG"
X\G\["dD!EfjGG"
VJ-@,?M4N?-J@i2Q,A?/0?J4BJS"
QBM4R./.AN-aO,i2Q,A?/0?J4BJS"
P.AN-?,40-1?,2a.i2Q,A?/0?J4BJS"
2-VJ./-4aN-/i2Q,A?/0?J4BJS""
ABOJ0/?M4B@B//?,,i2Q,A?/0?J4BJS""
"

\"

K?11"<BQ?J1.@Bg" "
5NJ.20BQN?J"=N?/0B/g"
=6 8 9L&% ' "5 6 $<)9)6 ' "(6%"=6 5)$<"
K8=9)5&"
! \ !d" I ?20"L.SNR-M"d*"=O.0?"!G!"
; OJN- P*" ' 5"Dj j Gj"
Xc!c["FDFEFF_G"
T?11,BQ?J1.@B i 2A2T4BJS"
ANJ.22N?/0B/ i 2A2T4BJS"
"
%-NO,">-J-V-@O"X>-4"7-J" ' B4"ddFj j j[""
5BJM")2--A2B/"X>-4"7-J" ' B4"c_Fj c j[

"

"

5-J?/"&4"=NBJ0"X>-"7-J" ' B4"ccG\\F["
<&$>8&"6("I 6H&'"U69&%="
6("9L&"8 ')9&;"=9$9&="
!DFF"DG0N"=0J??0" ' I *"=O.0?"dGG"
I -2N./S0B/*";5"DGGFf"
DGDEcD!EDD!c"
A2NBJ0 i ,R34BJS"

"

f"

; $ ')&<" I 4" I L)9&""""""""
L $: ')&*"<)9 5 L ( )&< ; " k " I L)9&*"+5"
>?BJS.-"7-J" ' B4"!dFGFF"
DDD" I -2N./S0B/"$3?/O?"
H-J.?00-*"> $"FGGfG"
XjjG["\DDE_cGG"
@RN.0? i N,RE,-R4AB P"

+%*$#.#+)$#,"',.'+,0<3#)"+%'

'

+OJ2O-/0"0B"<BA-,"%O,?"j4!*"0N?"O/@?J2.S/?@"ABO/2?,"N?J?VM"A?J0.1.?2"0N-0"

0N.2"@BAOP?/0'N-2'V??/"QJ?Q-J?@"R.0N"B/?"B1"0N?"1B/0"-/@"QB./0"2?,?A0.B/2"-QQJB3?@"

VM"0N?"5BOJ0"./"<BA-,"%O,?"d4!4""

"

;-0?@"0N.2"c0N"@-M"B1"K-/O-JM*"DGD\4""

"

"

=B1.-"(?J/-/@?h">B,@g"

<$I:&%=W"56HH)99&&"(6%""

5)U)<"%)>L9="8';&%"<$I"

!dGG"#"=0J??0*"=O.0?"cGG"

I-2N./S0B/*";5"DGGGd"

XDGD["ffDE_fGG"

_"

+%* $#.#+) $%' , .'(%* =#+%'

'

)"N?J?VM"A?J0.1M"0N-0"B/"K-/O-JM"c*"DGD*")"?,?A0JB/.A-,,M"1.,?@"0N?"1BJ?SB./S"