

#K GF?J=KK

: Q K=D;=FLJ=< F9LGF9DME 9F<

E A9JQ HGO=J >N=FLD @G= LG

@ 0 FA=< . L9L=KS?J=9LV: QK+H<A?

SGJ E A9JQ HJ 0.57814 0 Td [(J)-22]TJ 0.355 0 Td [(=)-22]TJ 0.52223 0 Td [<00>-59

AKKF V\$AKSOJGF? >GJ @AKLAFKLGKMHGJL
GJ LG =F?9?= AF A.V +=GH-D-K>AKL; 9DFA? AK
LG: = >A@AMD O@A @E =>FK 9LL@- D-9KL FGL
CADFA? 9FQGF= L: =KL A.E =>FK9; LAN= DEN
AF? G>=N-JQGF=

/ @ E 9AF; JAA AE G> @AKLAF H9; AAKE
@K: =F L@LA>H-GH-D; @GG< F=N-J LG CAD

AF O9J L@-Q9J= FGLJ-HHGFKA D O@-F L@-Q
>9; = 9 E ADA9JQ9??J-HKGJ - =AF @GD;) A: M@
H-J@HK L@ : =KL CFGOF @AKLAF J-9DML
=E H@KR< L@ F=< LG MK= E ADA9JQHGO=J
LG; GF>JGFL" =JE 9F E ADA9JAE AF L@ K
9F< . GVAL HGDA AK 9>=J 2 GD 2 9J \$
) A: M@ 9; CFGOD<?=< L@L H9; AAK O=J
E GJ=; DK=DAE A9LAF? %KMKL@F O=J GL@
=JK : ML @ K9A L@L J=>MKF? LG CAD; GVD<
FGL : = J-HHGFKA D : =; 9MK< A> =N-JQ G<Q
: =; 9E = H9; AAK ?GG< ; GVLJA-K OGMD : =
GN=JMF : Q E ADA9JAD JML@>KK; GVLJA-K \$

0.44341 0 Td [(J)]TJ 2 [(D)]TJ 0.27783 0 Td [(<)]20580Td [(@)]TJ 0.55591 0 Td [(9)]TJ 0.5 0 Td [(F)]TJ



Q=9JK9JL@; 9E H9AFK@N=F<=<) GF
N@D=FL; 9E H9AFK9J= 9DGE GJ= DC=DL@F
9J= N@D=FL; 9E H9AFKLGJ=HMDAF <=E G J9
> Q: =AF? =K9: DK@< GF= GJ LOG <=; 9<=K
DL=JX =NF A9 N@D=FL; 9E H9AF KM; =<K
AF AKAE E =<A9? ?G9DG=L9CAF? HGO=J 9F<
=NF A9 FGFN@D=FL; 9E H9AF >9AK LG L9C=
HGO=J

L@A< ; @F?= AF AFL=JF9L@GF9DJ=DL@AGFK
AKL@LE GJ= K<; MIAQL@=9LK9J= FGO 9JAKF?
>JGE FGF K9L= 9; LGJL@F =N=J: =>GJ= / =J
JGJAKL ?JGMHK GH=J9L= =9K@D9; JGKK F9L@GF9D
> Gk=K / @Q9J= FGL; GFLJGD< : Q9 KKF?D
K9L= 3=L : =; 9MK< GMJ=PAKAF? AFL=JF9L@GF9D
K@K=E 9K@ME =K L@L K=H9J9L= K9L=K OAD
E 9F9?= K<; MIAQHUG D=E K L@AKK@K=E ; 9F
FGL =>>; LAN=DL 9<<JHK L@=9LK >JGE FGF
K9L= L9FKF9L@GF9D9; LGJK 9K O= K= ; GF
>AE < AF L@= F=OK9DE GK=NFJQ<9Q * FID
L9FKF9L@GF9DDO =F>GJ= E =FL; 9F HUGNA<=
>>; LAN= HUG=; L@GF 9?9AFKL KM @ L@=9LK

F< GFDL L9FKF9L@GF9DAFAA9LAN=K LG GN=J
> GE = ?DE 9DHGN=JLQ LG J=<M = QGM@MF
=E H@DCE =FL 9F< LG =F< L@= MF>9AJ =P, DM
K@GF G> GHU=K<< H=GHDK >JGE <=; AKGF
E 9CAF? ; 9F J=<M = L@= =PLJ=E AKE L@L?A=K
JAK< LG L=JGJAKE

! GML@ E GJ= K<; MIAQ L@=9LK FGO 9JAK<
>JGE FGF E A@9JQ KGM; =K " DE 9DHGN=JLQ
>GJ=9E HD: AK9 K<; MIAQL@=9L: =; 9MK< A=F
> GM9?=KHGDA 9DHGDJ@9L@GF J=K=FILE =FLK
=PH@G9L@GF GHU=K@GF 9F< >9AF? K9L=K
> @GE 9K +G?=? @K <=E GFKLJ9L=< H=JMV9
KAN=DL@LL@ H=JHIMDL@GF G=L@=PAKAF? AF
L=JF9L@GF9D; GFGE A, K@K=E DJ?=D: QL@
O=9DD@; GMFLJAK J=?9JDKK G>O@L@=J A
AK<GF= OA@GJ OA@GME 9DA = AKL@= E GK
E 9KAN= <=F@DG>@ME 9F JA?@KAF @KLGJQ

) GF E A@9JQL@=9LK9D9JAK< >JGE =FNA
JGFE =FL9D <=KLJM L@GF O9L=J K@GJ9?=K
L9FK: Gk=J =HA<=E AK AE E A9JL@GF 9F<
J=>MP= HU=K@K=K 9F< L@= KHU=9< G> @=E A
> 9D : AG@?A 9D 9F< FM D=9J 9?=FLK >GJ
KG @D <AKMHL@GF / @K< ; 9FFGL : = O=DD
E 9F9?=< OA@GF L@= =PAKAF? AFL=JF9L@GF9D
K@K=E DD; 9F : = E GJ= =>>; LAN=DL E 9F
9?=< A=L@Q9J= L@GMP@ G>9K HUG D=E K LG

: = 9<<JHK<< : Q : =L=J
7*7, . J9L@=JL@F 9KHU@
> Q: . 93B270 6 22#; B 98
>JGFL9L@GFK ; 9FFGL : JA?
9K O=DD9K HUGNA<= JKH
AF >9AJ ?DE 9DHUG =K<K>
>JGMF< >GJ DO =F>GJ= =E

/ @ >9AM=K G>L@= =F
K@K=E 9J= =NA<=FLAF L@
L@=: JM9DAQG>\$ \$ L@=
HAF?K: Q GCG # 9J9E
L@= L@GMP@<K AF . GM
> AN@DFK@D< AF - O9F<
D@GF H=GH@ <AKID; <G
=PAKAF? AFL=JF9L@GF9DK
> 9D9F; = G>HGO=J 9;
E 9KKE MJ=<JK9F< =PLJ
DD9F< <GE =KLA 9DD

>AL@; @F?= M@MV@
L@GF ; J=9L=K: GL@F=O
GH@GJMF@A=K * F= GH
> A=FL?DE 9D?GN=JF9F; =
L@L@L@AKHGKA D= LG AFA

9F< >GJL@ H=GHDKG>L@ OGDW V / @G<
O@GH9K< L@KJ=KDMAGF O=J= FGL9KME
AF? L@LOGD:OA:= AFKAMAGFKOGMD: KGE =
@BO HJG<M = KDDIAGF L@LGFID" G< ; GMD:
HJGNA:= : ML L@Q <A< J; G?FAR= L@L KGE =
?GN=FE =FL9DKLM IM=K 9J= DC=ID LG OGIC
: =L=J L@F GL@JK 9F< KGE = 9J= DKKDC=ID
LG CADL@F GL@JK / @QKGV? @LG <=E ADA
JAR= L@ AF=JF9LAGF9DKK=E 9F< KL=J?L@F
AF=JF9LAGF9DDO : =; 9MK< L@ =PAKAF? E AD
A9JAR< : 9DF; = G>HGO=J KKM=E O9K DKK
; GFKM=FLOA@%MK L=9; @AF?K9F< OGM:
L@9JLH=GHDK>K>9A@MF=KK * F; = 9O9J= G>
L@ O9JL=F<=F; A=K 9F< HGN=JLQHJGF=F=KK
G> L@K : 9DF; = G>HGO=J KKM=E GF= ; 9F
FG 99K1@

; @M; @K 9J= L9FKGUE AF? L@ GD 9O G
BML O9J O@A @O9K: 9K<< GF SQGM @N=
@9JkV E MMD =P; DMK= F9LGF9DA=FLA
LA-K AFIG 9F 9DDAF; DMK= A=FLAQ L@L
AF; DMK=K9DDH=GH= AF 9 F=O MF<=JK9F<AF?
G L@ 9O >GMF< AF O@L AK: =AF? ; 9DD<
SBMLH=9; =V

HJ=KKF? K@DE J=9LGFTHA02280399 Td((99))9L027d8(90)

\$ +GH= !J9F; AK @GK=< 9 @KLGJA
; GFNG; 9LGF GF) GFNAGD=F; = 9F< %MK
+=9; = \$ >G MK<< GF O@L @ ; 9DD< SL@
9; LAN= OAF=KKG>FGFNAGD=F; = 9K9 8O=9HGF
LG9; @AN= H=9; = V/ @ ?9L@JF? NGA=< 99F
9HH=9DLG L@ 9L@GA @M; @LG J; GE E A
LG L@ ; =FL9DAQ G?GH=DFGFNAGD=F; = V

9JQAF? L@ A=9 G BMLH=9; = >ML@J L@
+GLAA 9D GMF; AD >G \$FL=J=DRAGMK A
D?M= <; DJ=< L@LL@ E AMK G JDRAGMK
L9<AAGFK AF HGDA 9D; GF=DA IK L@ SQGM
@N= @9JkV <AE =FKGF SJH MA=K9 ; 9DDLG
FGFNAGD=F; = 9 J=B; LAF G NAGD=F; = AF 9DD
AK >GE KV 9JA-J L@ +GH= =E H@KR=<
L@LS%KMK E 9J=< GML@ H9L@G>FGFNAG
D=F; = # = O9DD=< L@L H9L@ LG L@ N=JQ
=F<W V/ @J=>G= SLG : = LMF >GIBO=K G
%MK LG<9Q 9DDG AF; DMK=K =E : J; AF? @K
L=9; @AF? 9: GMLFGFNAGD=F; =V \$ 9<<AAGF
SL@ ; @GA = G>FGFNAGD=F; = 9K9 KQD G DA=
AKAF; J=9KAF?DQ<=E 9F<=< AF L@ =P=J; AK G
J=KHGFKA AAQ 9L=N=JQ D=N=DV V DDLOK<
@GAF? HM DA G>A = 9J= =KH=; ADD ; 9DD<
LGS MDANL= 9 FGFNAGD=FLKQD V

SBML H=9; =V L@ E =9FAF? G O@A @
E 9Q: = AE HUGN=< : QBAFAF? L@E LG?=L@J
AF GF= AFK=H9J: D OGK SBMLH=9; =V ; 9F
:= KVE E < MH 9K AFL=JF9LGF9D9F< AFL=J
H=JKGF9D J=9LGFK >G MK<< GF 9<N9F; AF?
H=9; = @VE 9F K; MIAQ BMLA= 9F< @VE 9F
JA@K: Q <GAF? MFIG GL@=K 9K QGM OGM<
@N= L@E <G MFIG QGM \$; 9F KH=9C LG
L@G< OA@KHAM9DK=FKANA=K9KO=DD9KLG
L@G< OA@GMLKM @; GF; =JFK - GGK>GJ BML
H=9; = E P@: = >GMF< AF (MDE L9<AAGFK
9KO=DD9K @KLAF GJ AF %OAK@L9<AAGFK
9K O=DD9K M<<@KL 9F< # AF<M GJ AF \$E
E 9FM=D&9FLK ; 9L=?GJA 9DAE H=9LAN= 9K
O=DD9KGL@JH@GKH@A 9DL9<AAGFK \$LAK9
HUG =KK G; GFLAFM9DD =K9: DKQAF? 9F< =P

H=9; = O= ; 9F 9; L OA@ @VE AQ9F< ; GF # \$& #
K A-F; = ?JGF<=< AF : =F? >9A@MD 9F<
J=KHGFKA D LG?=L@J OA@H=GH D G> GL@J
>9A@LJ<AAGFK LG: MD BKH=9; =