

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

: <= "I'R: # "IH\$HR'LH\$<%N

BN C: 'Q1: #\$&"8'P"8H%': ;'M: PPLH\$M8<: H'<: '8H&'; I: P'<="8&P\$H\$%<18<: HX'
;8ML7<6X%<L&"H<%X%<8; ;X'87LPH\$X<="R: # "IHP" H<: ;'<=""%<8<"X'8H&'<=""
QLK7\$MN

EN C: 'Q8I<\$M\$Q8<"\$H'Q" I\$: &\$M' I "#"9%K6'<="">H\$#"I%\$<6': ;'378%J8'
E8\$IK8HJ%'H<: '\$<%'QLIQ: %"%"P\$%%\$: H%"Q78HH\$HRX'R: 87%8H&'; K%"M<#\$%"X
8H&'P8J""I"M: PP"H&8<: H%'<: '<=""G=8HM"77: IN

YN C: 'I"#"\$9'8H&'M: PP"Hk': H'<="8HHL87'KL&R"<'I" aL "%<: ;'<="">H\$#"I%\$<6'
: ;'378%J8'E8\$IK8HJ%'K":; I"";H87'8QQI: #87N

5" M<\$: H'(-, N b"PK" I%=\$Q' W3! C@G2B'@ANT'b"PK" I%=\$Qc'

3N ! "QI%"H<8<: H! BO! B5B?C3C@D?

@@ B7"\"M<"&'I"QI%"H<8<\$#%"8H&'87<"IH8<%'%=877%"I#"<9:T6"8I<"IP%
K"R\$HH\$HR'd8HL816'+8H&"H&\$HR' "M"PK"I'(+"

8N C="I"8I""H: '<"IP'7\$P\$%'; I'I"QI%"H<8\$#": I'87<"IH8<%"

KN ! "QI%"H<8<\$#%"8H&'87<"IH8<%'LQ'; I'I"T"7" M\$: H'PL%<%LKP\$'8'
H: P\$H8<\$: H'; I P'8H&R: '<=I: LR='<=""7" M\$: H'QI: M%"N"

@@ B# "H'HLPK" I "& LH\$< I" QI%"H<8\$#%"8H&'87<"IH8<%'=877'K"R\$H'<="\$I'
<"IP': H'8H'"# "H'HLPK" I "& 6"8IN'D&&'HLPK" I "& LH\$< I" QI%"H<8\$#%"
8H&'87<"IH8<%'=877'K"R\$H'<="\$I'<"IP': H'8H': &&'HLPK" I "& 6"8IN"

BN B7"\"M<\$: H% B2BGC@D?5'

@@ C="''B7" M\$: H% b"PK" I %=\$QI"8H& ! L7%"G: PP\$<""% =877'K""I "%Q: H%\$K7""
;: I'M: H&LM<\$HR"7" M\$: H%N

@@ C="'''7" M\$: H%'; I'I"QI%"H<8\$#%"8H&'87<"IH8<%'%=877'8&="I ""<: '<=""
;: 7: 9\$HR'<P"'; I8P"["

8N B7"\"M<\$: H%'9\$77'K""M: H&LM<"&'H'<"; 877'N'C="'" #: <\$HR'<P"'; I8P"''9\$77'
K"8'P\$H\$PLP": '(*&86%"

KN C="'''7" M\$: H'I "%L7<%'9\$77'K""I"Q: I<"&'&L1\$HR'<="" "M"PK" I'
P"''<\$HRN

MN d8HL816'+H"976"7" M<"&'I"QI%"H<8\$#%"<8J": ;:\$M" N

B7" M<\$: H%'; I'O1 "%\$&"H<8H&A\$M"TO1 "%\$&"H<%=877'K""M: H&LM<"&'8%"
;: 7: 9%"[

@@ B7" M\$: H%'9\$77'K""M: H&LM<"&'H'<"; 877'N'C="'" #: <\$HR'<P"'; I8P"''9\$77'K"8'
P\$H\$PLP": '(*&86%"

5"Q<"PK"IT: K<8HMLI" H<7%" : ;>3E%8;'"P07: 6"%"8H&QI"Q8I" H: P\$H8<\$: H'
K877: %N

' KN

KN 5LRR"%\$: H%';: I'Q: %%\$K7" M8H&&8<"%"%=: L7&87'K'"QI%"H<"&'<: '<=""
B7" M<: H%`b"PK" I%=\$Q'8H&!' L7%"G: PP\$<"%"H': I&"I'<: 'QI"Q8I"8'
%78<"": ;%"I\$: L%M8H&&8<"%"%;: I'QI%"H<8\$; H'<: '<=""5<8;;'G: LHM\$N'
?: P\$H8\$; H%'P86'87%: K%"LKP\$<"&'8<=" "b8IM=: I'3QI\$7'5<8;;'
G: LHM\$7'b""<HR"

MN C=""\$H87'M877;: I'H: P\$H8\$; H%'9\$77'<8J""Q78M""&L\$HR'<=""b86'
P""<HR'9=" I'"<=""%78<"": ;M8H&&8<"%"9\$77'K'"QI%"H<"&'8H&'8H6'
;L<="I'H: P\$H8\$; H%'; I: P'<=""7: : I'9\$77'K""8MM"Q<"&N

&N A: <HR%=\$877'K"7\$P\$<"&'<: I"QI%"H<8<#%"8H&'"%\$RH8<"&
87<"IH8<"%K6'L%\$HR%"MI '<K877: <%: H%"<"8H&'L%\$HR#': \$M'"#': <"%; I'
<": L<76\$HR'8I"8%N

"N C=I""H: HTM8H&&8<"" I"QI%"H<8<#%"%=\$877'M: LH<'<=""K877: <%N
;N 3%"LMM"%"L7'M8H&&8<""7" M<: H'<: ': ;\$M""\$%"#87\$&'LQ: H%"LQ" I#\$%: IZ%
8QI: #87N

RN 3%"Q" M\$87"7" M<: H'9\$77'K"="7&'<: ""M8H&&8<"&: "%'H: <: K<8\$H'<="\$I'
%LQ" I#\$%: IZ%'8QI: #87N

A@@ 5Q" M\$87"7" M<: H%';: I'OI%"\$&"H<'8H& OI%"\$&"H<T"7" M<A\$M"TOI%"\$&"H<%=\$877'
K" M: H&LM<"&'8%'; 7: 9%[

8N DH%"P: H<=DH"TP: H<=H: <M": ;"7" M<: H': I'<="" OI%"\$&"H<
B7" M<A\$M"TOI%"\$&"H<%=\$877'K" R\$#"H\$'; <=8<: ;\$M""\$%"#8M8<"&N

KN @H'<=""#H<'<=8<'K: <: ;\$M""%8I""#8M8<"&%\$PL7<8H": L%76X:H"
P: H<=H"TP: H<=H: <M""%=\$877'K" R\$#"H": I"7" M<: H%"<: K"="7&'>: I'
K: <: ;\$M""%8H&'<="M=8\$IQ" I%: H': <=""5<8;;'3;;8\$I%'G: PP\$<"
%=\$877'8%"LP" <=""&L<"%": ;'OI%"\$&"H<LH<7'8'Q" I%: H'\$%"7" M<"&N

5" M<\$: H'-D: ;\$M" I% W3! C@G2B'ANT'D: ;\$M" I%

3N OI%"\$&"H<O! B5@_B?C'

@I C=""&L<"%": ;<="" OI%"\$&"H<%=\$877'K" <: [

8N QOI%"\$&"# I'P""<HR%N

KN 5%" I#%"8%"M=8\$IQ" I%: H" P"PK" I: ;<=""3&P\$H\$%<18<#%"G: PP\$<"

MN 5%" I#%" H'<="">3E'Y: # I' H8HM" G: I&H8\$HR'G: PP\$<"N

&N 5%" I#%" H'<=""56%<"P'Y: # I' H8HM" G: LHM\$7-I'8QO: H<8'&"%\$RH" N

"N 38<"H&'8H&'I" Q: I'<%<8;;'M: LHM\$7\$%"L" "%<: E8ML7<6'5" H8<"N

;N bP""<'9\$<='<=""G=8HM"77: N

RN 38QQ: \$H<'8&'=: M'M: PP\$<"%N
=N QQI: #\$\$&"7"8&"1%=\$Q'\$H'\$%%L%"': ;'M: HM"IH'<: '>3E'%<8;;N
\$N I"Q: I'<: '=<"5<8; ;'G: LHM\$7: H'<="" : L<M: P"" : ;'87'I"7"#8H'
P""<\$HR%'8H&""#H<%\$H'9=\$M='<=""O I"%\$&"H<Q8I<\$M\$Q8<"%N
'N 5%"I#"8%9: 'I"QI%"H<8\$#"': '5<8; ;'37\$8HM"N
JN GM: H:\$IP'800: \$H<P"H<%': ""U<"IH87'M: PP\$<"%N

@d| RN

MN C=""M: PP\$<""%=87'=8#""<=''; 7: 9\$HR'%"Q: H%\$K\$7\$<%"['
+N OI"Q8I":;I8H&'800I: #87'<="&I8:<8R"H&8';: I'5<8;;'G: LHM\$7'
P""<\$HR%N

, N OI: #\$&''8'M: PP\$<""I"Q: I<': '5<8;;'G: LHM\$7N
(N ! "OI""H<8H&'8M<': H'K"=87'; : '<="5<8;;'G: LHM\$7'K"<9""H'5<8;;'
G: LHM\$7'P""<\$HR%N

&N C=""M=8\$IO"1%: H': ;'<=""M: PP\$<""P86""%<8K7\$%"LKM: PP\$<""%
:: I%"Q"MS:\$M\$%L%"N

@@N B7" M\$: H%" b" PK" I%=\$Q"8H&! L7"'G: PP\$<""

8N C=""M=8\$IO"1%: H%"=87'K""7" M<"&; I: P'<=""M: PP\$<""N

KN C=""M: PP\$<""%=87'=8#""<=''; 7: 9\$HR'%"Q: H%\$K\$7\$<%"['
+N G: H&LM<"7" M<': H%';: I'LH\$<I"QI""H<8\$#"%"87<"IH8<%"8H&'
OI%"&"H<T7" M<A\$M"TOI%"&"H<8H&OI%"&"H<N

, N ! "%Q: H%\$K7";: I';\$7\$HR'#8M8HM\$%"H'LH\$%"9\$<='H: '
I"QI""H<8<': HN

(N ! "#\$"9'LHS<': PQ: %\$<: H'8H&'P8\$H<8\$H'8'P"PK" I%=\$Q'7\$%<N
-N ! "#\$"9'8H&'P8\$H<8H'<="06789%'8H&'G: H%<L<: H'<: 'I";7" M<'<=""
H""&%': ;'<=""K: &6N

. N ! "#\$"9'LHS<'&"%\$RH8<': H%'8H&'R"H"18<""Q"<\$<: H%';: I'LH\$<'
&"%\$RH8<': H'M=8HR%"8%I"al\$I" &N

fN 3MM"Q<'Q"<\$<: H%';: I'QI: Q: %"&'M=8HR%"<: 'LH\$<'&"%\$RH8<': H%'
; I: P'M: H%<L" H<%N

gN 08%"&'LQ: H'RL\$&"7\$H""%"<': I<='H'<="5<8;;'G: LHM\$7'
G: H%<L<: H'8H&"7%"9="I""H'<=""%"06789%"QI"1%"#"\$"9'aL87\$;6'
LH\$<M=8HR%"Q"<\$<: H%'QI\$: I'<: 'I 981&\$HR'<="P'<: '<="5<8;;'
G: LHM\$7'K: &6'8%"P: <: H%';: I'P87'8M<: H'

\$N @'9\$7'K""%LK" M<': I'P87'8M<: H\$H'<="QI""%"HM": ;'8'
aL: ILP8H&'

\$\$N 5=87'K""8QQI: #""&'LQ: H'I" M"#\$HR'8'<9: T<=\$I&%'8;; I'P8<#"
#: <%"N

\$\$\$\$ C="I""%"H: '7\$P\$<': '=<"HLPK" I: ;': I\$R\$H87: I'I""%"&'LH\$<'
&"%\$RH8<': H'M=8HR%"Q"<\$<: H%"LKP\$<&'<: 'B7" M<: H%"

b"PK"!%=\$Q\8H&! L7"%Bb]!';: I'M: H%\$&"|8<: H'K6'8'RI: LQ'
: ;'"7\$R\$K7""M: H%\$<L"H<%N

hN

+|| D#"|%""<="R"H"187'9"7;8I": ;<="">3E'M: PPLH\$<6'H:<'
I"%\$&\$HR': H'<=""E8\$IK8HJ%'M8PQL%N

, || b: H\$<: I'877'8M<#\$<"%8; ;"M<\$HR'M: P07\$8HM""9\$<='<=""G; 7|R": ;'
~~I'L87'G: 7|R": I'L87'8H&G: PPLH\$<6' "#7: QP"H<P\$%%\$: H'~~
%<8<"P"H<: ;<="">H\$#"I%\$<6': ;'378%J8'E8\$IK8HJ%N

&|| C=""M=8\$IQ"1%: H': ;<=""M: PP\$<""P86""%<8K7\$%"LKM: PP\$<<""%
:: I%"Q"MS:\$M\$%L%"N

A@|| >H\$#"I%\$<6'3&#: M8M6'

8|| C=""M=8\$IQ"1%: H%=87'K""7" M<"&'; I: P'<=""M: PP\$<""N

K|| 3'I"OI""H<8\$#"; I: P'<=""37LPH\$'3%: M\$8<: H'8H&'35>3E'9\$7"
%"I#": H'<=""M: PP\$<<""N

M|| C=""M: PP\$<""%"=877'=8#""<=": 77: 9\$HR'I"%"Q: H%\$K\$7\$%"['

+|| DIR8H\$""#H<%'8H&;LHM\$<: H%<: ='=70'P8J""<=""QLK7\$M'8981""
: ;<="#87L": ;>H\$#"I%\$<6%<8; ;"8%'9"7'8%"<L&"H<%'8H&;8ML7<6N

, || DIR8H\$""#H<%'8H&;LHM\$<: H%<=8<'HMI"8%"%"<8; ;'P: 187""8H&
8981" H%"": ;<="">H\$#"I%\$<6N

| 8N C=""R: #"IH8HM" : ;\$M""9\$77'<18MJ'P"PK"1%=\$Q': H""U<"IH8J'
M: PP\$<""%"8H&'H: <\$;6'M: LHM\$7': ;'Q"H&\$HR'8QQ: \$H<P"H<'

~~8P" H&P" H<PL%<'K""&%<I\$KL<"&'9\$=<'''8R" H&8';; I'<=" P ""&HR'8<'9=\$M='8'#:<"%"
%M=" &L7" &N~~

~~300I: #87: ;'8P" H&P" H%<: <'''K6789%" I" aL\$ I%" 8<9: T<=\$I&%#:<" : ;'<=" 5<8:;
G: LHM\$7P" PK" I%" QI%" H<N~~

~~YN 5L%Q" H%\$: H': ;'K6789%" PL%<M\$<"<=""%Q" M\$; M%" M\$:<: H'<: K""%L%Q" H&"&'8H&K"
800I: #"&K6'8<9: T<=\$I&%#:<" : ;'<=" 5<8:; 'G: LHM\$7P" PK" I%" QI%" H<N~~

5" M\$:<: H'gN i L: ILP'3! C@G2B'A@@N i L: ILP'

~~3N 3'P8: I\$<6%<=87'M: H%\$%<: ;' . +j ' : ;'<=" <87'M: LH<: ;'LH\$<'I" QI%" H<8\$#%" : H'
5<8:; 'G: LHM\$7N~~

~~ON C=" QI%" HM": ;'8'P8: I\$<6: ;'<="" I" QI%" H<8\$#%" : I'<="\$I'&" %\$RH8<" &
87<" IH8<"" \$<=" I\$H'Q" I%: H': I'K6'" 7" M<I: H\$M'P" &\$8%<=877'M: H%\$<L<'''8'aL: ILP"~~

5" M\$:<: H'hN A:<: '0: 9" I%" 3! C@G2B'^@A:<: '0: 9" I%

~~3N 3M\$:<: H%'<8J" H'K6'<="">3E'5<8:; 'G: LHM\$7'Q" I<8\$H\$HR'<: '>H\$#" I%\$<6'Q: 7\$M6X
QI: M"&L1%" 8H&I" RL78\$:<: H%'9\$77'K":; 198I&" &:<: '<="" G=8HM" 77: I';; I'800I: #87N~~

~~ON 3H'8M\$:<: H': ;'<="">3E'5<8:; 'G: LHM\$7'9\$77'K" M: H%\$&" I" &'800I: #"&'\$:<=""
G=8HM" 77: I'; 8\$7%<: 'I" Q: H&:<: 8<8M\$:<: H'9\$<=\$H'- . '86%:<: 'I" M"\$Q:<: ;'<=""
8M\$:<: H'K6'<="" G=8HM" 77: IN~~

~~GN C=" G=8HM" 77: I'P86'#" <: '8H" H\$I" >3E'5<8:; 'G: LHM\$7'8M\$:<: H': I'#" <: 'I" M=8HR"
: H76'8'Q: I\$:<: H'<=" I": ;'QI: #\$\$&" &:<: 8<8M\$:<: H'9\$<=\$H'- . '86%:<: 'I" M"\$Q:<: ;'<=""
M: H<18#/" H": I'HL77\$; 6'<="" QL10: %": I'QI\$HMSQ7" \$H#: 7#" &:<: " P8\$H'8M\$:<: HN~~

5" M\$:<: H'N 300" 87'3! C@G2B'^@N 300" 87

~~3N 3H6'8M\$:<: H': ;'<="">3E'5<8:; 'G: LHM\$7'I"; " I" &:<: ' <=" G=8HM" 77: I'8H'#" <: " &
9\$<=\$H'<="" - . T&86'0" I\$: &QI: #\$\$&" &:<: 'I" "#\$9'P86'K" 8QQ" 87" &'K6'8'<9: '
<=\$I&%'P8: I\$<6'#" <: ' #"\$I\$&" #: <: '8'aL: ILP'8:<=" H" U<I" RL78I76'
%M=" &L7" &: I" %O" M\$87'P" ""\$HR': ;'<="">3E'5<8:; 'G: LHM\$7": 77: 9\$HR'H: <: M": ;'<=""
#" <: N~~

~~ON C=" 8QQ" 87'QI: M"%" %<=877'K" R\$H'9\$<="" 56%<=" P'Y: #"\$IH8HM" G: LHM\$7'8H&
QI: M"%" &:<: ' <="" OI" %\$&" H'<: ;'<="">H\$#" I%\$<6N@:<="" OI" %\$&" H<%L%<8\$H%" <=""
G=8HM" 77: I" %#<: X<="" 8M\$:<: H'P86'K" 8QQ" 87" &:<: ' <="" O: 8I&: ;'! " R" H<%": I'
:\$H87" &%\$Q: %\$<: HN~~

5" M\$:<: H'+*N ! " M87'8H&! " ;" I" H&LP'3! C@G2B'^@@N ! " M87'8H&! " ;" I" H&LP'

~~3N 3H6'I" QI%" H<8\$#"" P86'K" I" M877" &'K6'<="" LH\$<: I: P'9=\$M='<=""~~

I"QI%"H<\$\$98%'M=:%"HN5LM='8'|"M877'#; <"%"=877'K'"="7&'LQ: H'Q"\$\$: H': ;'
: H"TaL8|<"|': ;'<=""P"PK"|"%' : ;'<8<'LH\$<||C=""P8 : |\$<6': ;'<'''#: <"%"M8%<%=877'