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"#$!%&'(')*&!+),-&.!'/!0"!1$-2.#3!4546!

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7.89:!;'(98&.$9!<:3!

7.$=$!>*=*(?!@#ABA!

C82:!4D?!4544!

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

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0"!1$-2.#!7-(!E(.'(*'!*F!-(!$&'('')*&?!-&-9$)*&!-(9!G$F$-G&#!$(H*($!.#-.!/8$2F!7-(!
E(.'(*'!-(9!<$I-G!;'8(.:JF!$&'('')*&!-(9!$(#-(&$F!.#$!K8-2*.:!'/!2*/$!'/!*.F!G$F*9$(.FA!!+(!4546?!
.#$!*(F.*.8.*'(JF!$&'('')*&!-&.*=*.:!&'(.G*L8.$9!MNA6!L*22*'(!.'!7-(!E(.'(*'JF!2'&-2!$&'('') :A!"#*F!
F!-!64O!(&G$-F$!F*(&$!*.F!456P!F.89:A!"#$*G!F'&*$.-2!&'(.G*L8.*'(F!.'!(-.*'(JF!Q!"!2-GH$F.!&*.:!*(!
.#$!0(*.$9!7.-.$F!R$G$!F*H(*/*&-(.?!('.!'(2:!-F!'($!'/!.#$!9G*=$GF!'/!.#$!#$-2.#!&-G$!-(9!
L*'.$&#('2'H:!*(98F.G:!*(!7-(!E(.'(*'!L8.!-F!-!2-9G!*(!,8L2*&!#$-2.#A!!

EF!.#$!;ST+BU6V!,-(9$)*&!G-H$9!.#G'8H#!7-(!E(.'(*'!-(9!-G'8(9!.#$!R'G29?!0"!
1$-2.#!7-(!E(.'(*'!R-F!G$F,'(F*=$!W!,G'=*9*(H!R'G29!&2-FF!&-G$!.'!)-(:!R#'!#-9!L$&')$!*22!
R*.#!;ST+BU6V?!&'(98&.*(H!GF-G&#!'(!=-&&*($F!-(9!.G$-.)$(.F!-(9!=-&&*(-.*(H!.#$!
&'))8(*.:A!!0"!1$-2.#!X$,.!.#$!&'))8(*.:!-LG$-F.!'/!.#$!,-(9$)*&!R#*2$!&'(.*(8*(H!.'!.G-*(!
F&*$(.*F.F?!G$F$-G&#$GF!-(9!F.89$(.F!R#'!R$G$!9$9*&-.$9!.'!.#$!#$-2.#!'/!7-(!E(.'(*'A!!"#$!
+(F.*.8.*'(JF!$(G'22)$(.!HG$R!-F!9*9!*.F!-&-9$)*&!H'-2FA!0"!1$-2.#?!R*.#!*.F!F*F.$G!*(F.*.8.*'(?!!
F-R!-(!',,'G.8(*.:!.'!/8G.#$G!$(#-(&$!.#$!#$-2.#!'/!.#$!&')8(*.:!.#G'8H#!.#$!*(=$F.)$(.!-(9!
9$=$2',)$(.!'/!-!($R!7&#''2!'/!@8L2*&!1$-2.#!R#*&#!R*22!$I,-(9!7-(!E(.'(*'JF!R'GX/'G&$!'/!
.G-*($9!,8L2*&!#$-2.#!,G'/$FF*'(-2FA!!!

0"!1$-2.#!7-(!E(.'(*'JF!&'(.G*L8.*'(!.'!.#$!&')8(*.:!H'$F!L$:'(9!9*2(*/1.3480 0 0.224 0 7 1 2589.92 cm

-G'8(9!"$I-F?!.#$!0A7?!-(9!.#$!R'G29?!R#*&#!82.*)-.$2:!F$G=$F!-F!-!X$:!F'8G&$!/'G!.#$!FX*22$9!#8)-(!&-,*.-2!($$9$9!.'!X$$,!'($!'/!.#$!2-GH$F.!*(98F.G*$F!*(!7-(!E(.'(*'!W!#$-2.#!&-G$!-(9!L*'.$&#('2'H:!W!

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!!B4BAB'DE'F,$)&G'?#,0$&;-8'*

"#$!)-*(!&'),'($(.!'/!.#$!$&'()*&!*),-&.F!'/!0"!1$-2.#!7-(!E(.'(*'!-G$!*.F!=-F.!

',$G-.*'(FA!"#$!F8LF.-(.*-2!F*d$!'/!*.F!',$G-.*'(F!*F!*(9*&-.$9!L:!*.F!$),2':)$(.!'/!Z?[VPA[!/822U

.*)$!$K8*=-2$(.!/-&82.:!-(9!F.-//!-(9!.'.-2!,$GF'((($2!&'F.F!'/!MDQ5?4ZV?NNZ!*(!4546A!!

'

!!B4BHB'DE'F,$)&G'9,8,$0%G'

!

-9) *..$9!.'!-!#'F,*.-2!-(9!F.-:$9!/'G!F*I!9-:F!'(!-=$G-H$A!+.!R-F!-2F'!-FF8) $9!.#-.!.#$!,-.*$(.F!
RG!-&&') ,-(*$9!L:!'($!'.#$G!,$GF'(!G$H-G92$FF!'/!.#$*G!2$(H.#!'/!F.-:A!!

S(2:!.#$!F,$(9*(H!'/!.#'F$!R#'!R$G$!'8.,-.*$(.F!-(9!.#$*G!-&&') ,-(:*(H!=*F*.'G?!-F!R$22!
-F!.#$!-&&') ,-(:*(H!=*F*.'G!/'G!.#'F$!R#'!R$G$!-9) *..$9!.'!.#$!#'F,*.-2!R$G$!&'8(.$9!.'R-G9!.#$!
$&'(') *&!*) ,-&.FA!+.!R-F!-FF8) $9!.#-.!,-.*$(.F!R#'!RG!-9) *..$9!.'!.#$!#'F,*.-2!9*9!('.!#-=$!
-(:!F,$(9*(H!-FF'&*-.$9!R*.#!) $-2F!-(9!$(.$G.-*( ) $(.?!2'9H*(H?!-(9!G$(.-2!&-GF?!F*(&$!.#$:!R*22!
L$!*(!.#$!#'F,*.-2A!+.!R-F!-FF8) $9!.#-.!.#$F$!=*F*.'GF!F,$(.!M[6!,$G!,$GF'(!,$G!9-:!'(!) $-2FA!e'G!
.#'F$!'(2:!&') *(H!.'!7-(!E(.'(*'!/'G!.#$!9-:?!*.!R-F!-FF8) $9!.#$*G!'(2:!$I,$(9*.8G$F!'8.F*9$!.#$!
&!T41500095 7.81264TmTT41T-22Tm,$GF!

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1.23%+M"+15(.3+,7%6E)6D+=885&).(%E+N

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1 . 23%+0"+= 66 ' .3+#$7%6E)(' /%8+95/+ : 1+ ; % .3(<+ , (' E%6(8@+>?>4+

*I $&, : *0+ '*K'J#, - =; - : '*	*(M#, - =;&>0, 8'*
e ' '9!-.!#') $!	M65?PVV?QPP!
e ' '9!-R- : !/G') !#') $!	M65?[6V?QP[!

!

!!B2B''(%-*";%'!"#$%&'I*-%,#&8'*

%&'(')*&!*),-&.!*F!L-F$9!'(!.#$!&'(&$,.!.#-.!-!($R!9'22-G!/2'R*(H!*(.'!.#$!-G$-!&-8F$F!-(!$I,-(F*'(!'/!.#$!$&'(')*&!-&.*=*.:!'/!)-(:!L8F*(FFF!H$($G-.$F!$I,'G.F!'8.F*9$!'/!.#$!G$H*'(?!R#*&#!LG*(HF!.#*F!)'($:!/2'R*(H!L-&X!*(.'!.#$!2'&-2!$&'(')*&!L8F*($FF$F!8F$!.#*F!G$=$(8$!.'!,-:!.#$*G!R'GX$GFJ!F-2-G*$F!-(9!L$($/*.F?!,8G&#-F$!*(,8.F!/G')!

G$H*'(-2!,G'98&.!-(9!M6DVAQ!)*22*'(!*(!'8.,8.A!"#$!F)-22$F.!*),-&.F!&-)$!/G')!.#$!F,$(9*(H!-FF'&*-.$9!R*.#!,-.*$(.F!R#'!&-)$!.'!0"!1$-2.#!7-(!E(.'(*'!/G')!'8.!'/!.'R(!/'G!.#$*G!#$-2.#!&-G$?!L8.!.#$*G!*),-&.F!F#'R!.#-.!.#$!*),-&.F!'/!0"!1$-2.#!7-(!E(.'(*'!$I.$(9!R$22!L$:'(9!.#$!2'&-2!$&'(')A!"#$!F,$(9*(H!'/!.#F!\)$9*&-2!.'8G*F.F]!F8,,'G.$9!V6!^'LF!R*.#!'=$G!MNA5!)*22*'(!/2'R*(H!.'!.#F!R'GX$GFA!+.!H$($G-.$9!'=$G!MZAN!)*22*'(!*(!HG'FF!G$H*'(-2!,G'98&.!-(9!MQAD!)*22*'(!*(!'8.,8.A!

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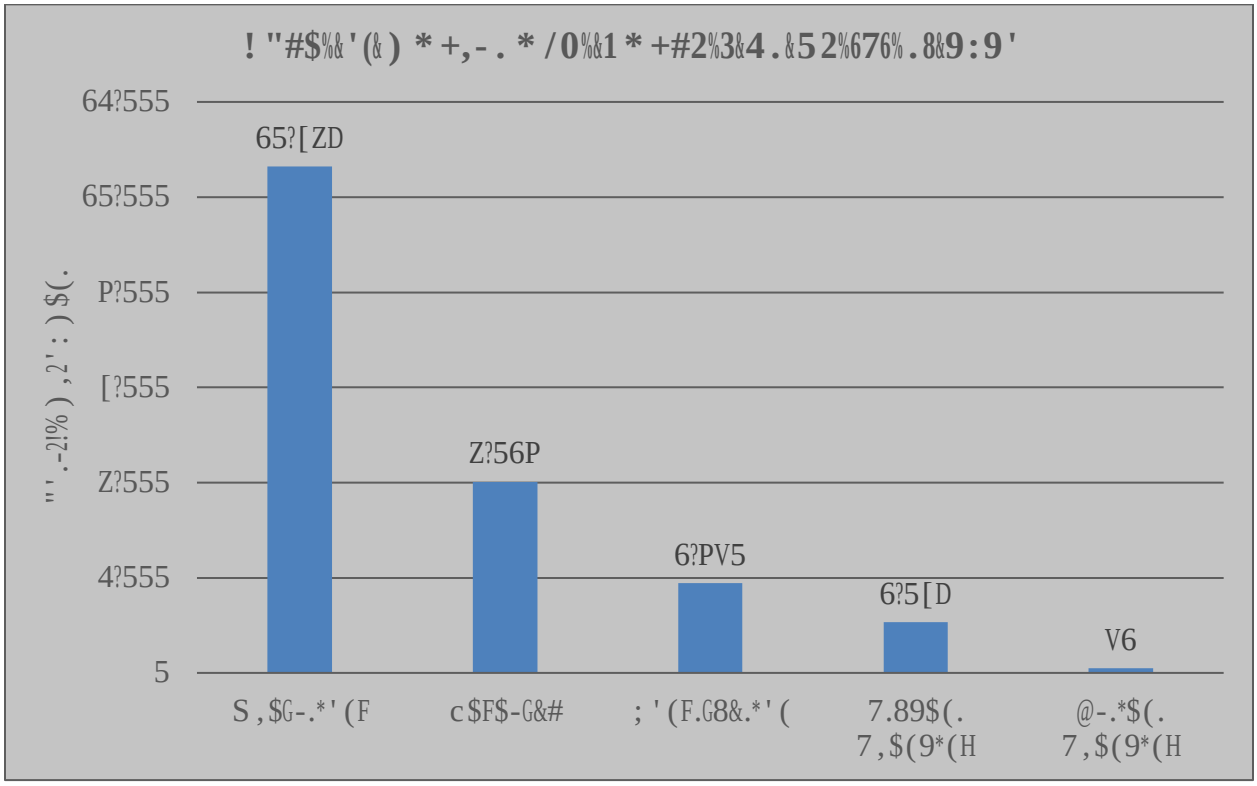

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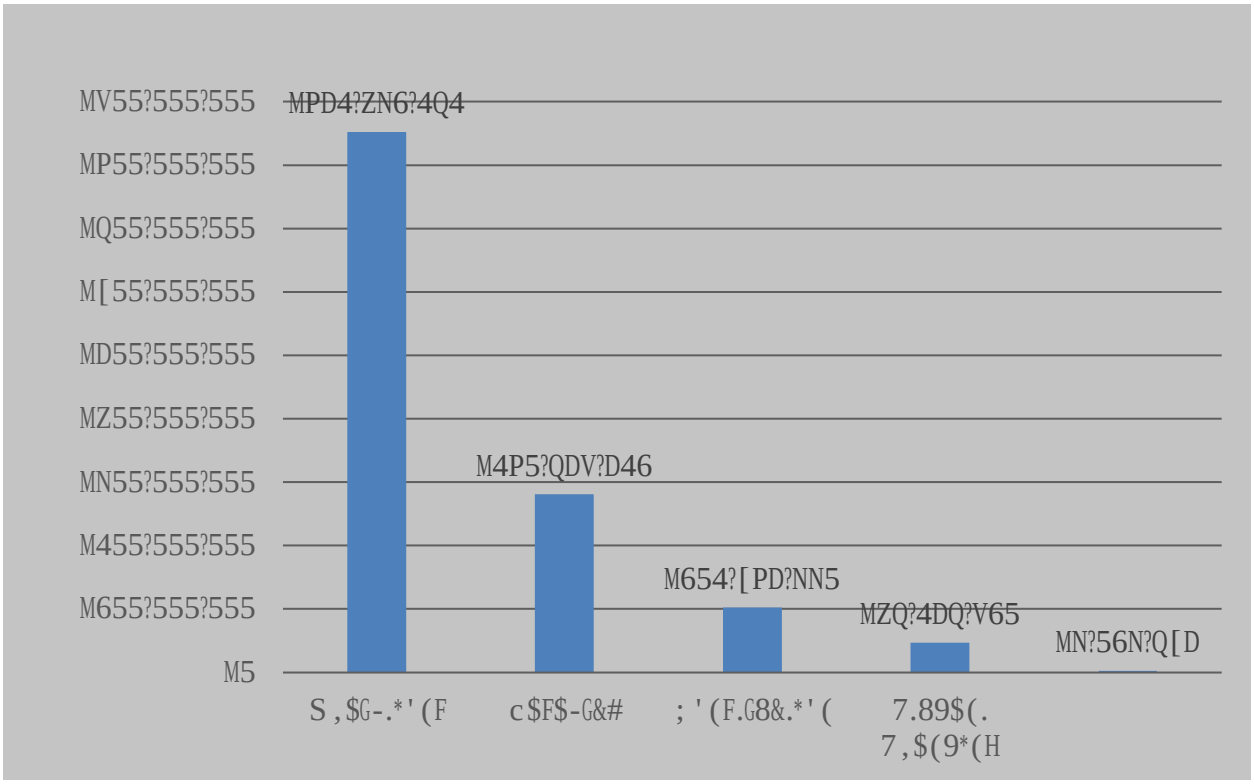
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#'F,*.-2F?!-(9!=-F.!GF-G&#!&'(.*(8$!.'!*),G'=$!.#$!2*=$F!'/!.#'8F-(9F!'/!,$',2$!-(9!F$G=$!-F!-!
&-.-2:F.!.'!.#$!7-(!E(.'(*'!$&'(') :!-(9!L$:'(9A!!
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