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# HIPS AS AN FLC

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!

"#\$%&! (#!)%\* #!+, #' )!-%(!.%/(!0' 1/\$2. !3#' (4+45!6%\* \* /4+2. !+!. %/!, #1+, #!2%!-%1/)!78' (2+' \$\$ .!%(!-/\$\$. 9!%4! : +5; !  
<\* 8' 12!=( ' 12+1#)>!

?@ A) #!2; #!#\$\$\* \* #42)!%-! : +5; !<\* 8' 12!=( ' 12+1#)!+4!. %/(!)#))%4)!B/)2!\$C#!. %/!&%/\$, !+4! !1\$' ))!7' !\* #2' D  
' 88(%' 1; 9!

!

E@ : %&!2%!+42(%!2; #!2%8+1!7+@#!%. %/(!-+)2!\* ##2+459>!

' @ G/(!H2' (2+45! 12+J+2. >!K+)1/))!&; ' 2!; ', !' !L; +5; !+\* 8' 12M!%4!2; #!8' (2+1+8' 42)!&; #4!2; #. !&#(#!  
)2/, #42)@

N@ K+)1/))!&; ' 2!8' (2+1+8' 42)!\* ' .!' \$(#' , .!C4%&! ' N%/2! : <=)!

1@ <42(% , /1#!2; #!C#. !#\$\$\* \* #42)!%-! : +5; !<\* 8' 12!=( ' 12+1#)!

, @ 0' \$C! ' N%/2!; %&!&; ' 2!' (#!1' \$\$#, !L: +5; !<\* 8' 12!=( ' 12+1#)M!\* ' .!4%2! ' 12/' \$\$ .!N#!5%, !#P' \* 8\$#!  
+!2; #. !, %402!+41%(8%(' 2#!2; #!C#. !#\$\$\* \* #42)@

!

R@ H/N)#S/#42!H#))%4!<, #' )>!!!

' @ 0%1/)!%4!?!T!E!%-!2; #!C#. !#\$\$\* \* #42)!, /(+45!#' 1; !\* ##2+45@

N@ "/+\$, !2; #! : <=H!5(+, !&+2; !#P' \* 8\$#!)2; ' 2!&% (C!-%(!2; #! \* # \* N#)!)%-! .%/(!036@

1@ !)C!8#%8\$#!2%!); ' (#!&; ' 2!#\$\$\* \* #42)!%-! : <=)2; #. !' \$(#' , .!/)#!' 4, !; %&!2; #. !/)#!2; #\* @

, @ 0%1/)!%4!%4#!2. 8#!%-! : <=!7-%(!#P' \* 8\$#!H#(J+1#D3#' (4+459!2; ' 2!\* ' C#)!)#4)#!-%(!.%/(!5(%/8!  
' 4, !2' \$C! ' N%/2!; %&! .%/(!1%/!)#!%(!8(%5(' \* !1' 4!N#!, #)+54#, !2%!+41%(8%(' 2#!2; #! : <=>!  
;228>UU&&&@ ' 1/@(5U\$#' 8U; +8)!!

#@ K+5!+42%!2; #!(#)#' (1; >!; 228>UU8(%J%)2@/-2)@#, /U1#\$2U-\$#)U: +5; D<\* 8' 12DV, D=( ' 12+1#)?@8, -!

-@ K+)1/))!; %&! .%/!1' 4!0<30!. %/(! : <=H!)%!2; ' 2!)2/, #42)!/4, #()2' 4, !2; #!N#4#-+2)@

5@ K+)1/))!; %&! .%/!1' 4!, #)+54! !HG03!8(%B#12!2; ' 2!(#)#' (1; #)!2; #!N#4#-+2)U+\* 8' 12!%-! : <=)!%4!  
. %/(!)2/, #42)@

!





! " # \$ % & ' ( ) \* + ( , ) \* + - ' ( . ) + / 0 1 2 { 3 4 5 # 6 7 ( 8 \$ ' 4 ' " 7 - (

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