=+.&'&*2*"D.5"'7"'25"'&+.?'&*2%*&'D.*+'"&*2\$7.&+.-@'2'97"'2%'9(+"&./"<'2-5'.-&?.%-@'#.&&.(-'2-5'/.&.(-'()'*%>"'
"C9"77"'-9"<' "&*2\$7.&+.-@' %"7"/2-*' ?% (%6"&<' 27.@-.-@' 9%6927' %"&(>%9"&<' 9%"26-@' -"D' 2-5' -(/"7'
(??(%*>-.6"&<'2-5"+"-'->%*>%-@'*+"'?%(9"&&'(/"%'2-5'(/"%'2-5'(/"%'2@2.-A'X&'4%"&5"-*'X\$%2+2#'V.-9(7-'
+2&'%''?"2*"570'&2.5'Q*+"'(-70'D20'*('*%>70'&''''*+"')>*>%''.&'*('\$>.75'.*AR'Z"'#>&*'*(@'"*+"%'\$>.75'*+"')>*>%'''
()'+.@+"%'''5>926(-A'

=+"', -./"\&.*0'()\1"\$\%2\&32'80\&*"\#'.\&'*\%>70'2'\&*2*"\D.5"'\92\#?>\&'\&?2--.-\@'+>-50

M)'#2-0'"C2#?7"&'()'*+.&'*0?"'()'9(π2\$(%26(-'+2&'\$""-'(>%'D(%3'*('&*%"-@*+"-')(%D2%5'2-5'%"/"\&"'2%69>726(-'2@\""#"-*&'D.*+'(>\% &*2*"D.5"'

B-' 255.6(-', #0' 7"25"%+.?' %(7"&'.-' -26(-27' 299%"5.6-@' \$(5."&', ?%()"&&.(-27' (%2-.F26(-&', 9>7*>%27' (%2-.F26(-&', *D(' 1: XX' 2*+7"69' 9(-)"%"-9"' \$(2%5&' 2-5' (*+"%' +2/"' %".-) (%9"5' *+"' /27>"' ()' &+2%"5' @(/"%-2-9"'*+"'&*%"-@*+'()'5./"%"'(?.-.(-&'2-5'2*'*+"'&2#"'6#"'<*+"""-5>%.-@'.#?29*'()'*+""*+(>@+L>7' .#?1"#"-*26(-'()')(%D2%5H7((3.-@'@(/"%-2-9"'2-5'?(7.90A'! 0'(-@(.-@'?2%69.?26(-'.-'126(-27'X925"#0' ()'89."-9"'<^-@.-""%.-@'2-5'! "5.9.-"'e1X8^! f<126(-27'X&&(9.26(-'()'80&*"#'I "25&'e1X8I f<X&&(9.26(-'()'4>\$7.9' V2-5' m%2-*', -./"%.6"&' eX4V, f< X#"%92-': (>-9.7' (-' ^5>926(-' eX: ^f<' I .@+"%' V"2%-.-@' : (##.&&.(-'eI V: f<126(-27': (>-9.7'(-': (#?"66/"-"&&'e1:: f'2-5'(*+"%'+2/"'27&('9%"2*"005435Tm/TT101Tf/TT10ET017