

! " # \$ % # & ' (" & %) # *) # " + % ! " # \$ % #

! " # \$ % & ' () * + , . / (0 , . 1 + 2 0 1 , , - - / (3 4 5 3 4 # 6 7 \$ 8 9 4 : 7 / (/ (< = 3 4 : < = 9 > % 5 ? = ? @ # 4 & & 1 3 4 5 3 4 # (

!

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

(

! " # \$ % & ' () * % \$ + % # , " - . % (/ # +) / 0 1 2 ' 3 + ' 4 & ! # / 4 & 5 6 4 4 / 7 \$ " 7 %) 8 % \$ 9 : ;) < # ' 7 ' 4 &) = > (% ? " / 4 \$ 3) @ % # 0 / # 9 \$ 4 (%)

! A 4 > \$ B 4 (A ' (%) @ # / 7 / : " B A ' (%) @ # % : ' + % 4 " B C A @) C & D < = (& D 4 { 8 % 7 # & D 1

6%\$++&\$' 7 *%' &8\$ / 8\$%9&5: ;' ;&

<&>&&

!

; @D@&R!; @D!@J()*4!7, 11' S, +')6, 2!!

^)O>)>, >!(5B3K428!ORR@5A3J2J3K4!)3J5!&363J!DK@54J2J3K4\J@23434B!65663K469!63J5!7363J!<824434B!24A!<@5<2@2J3K4H!

^ OR2A5; 3R!OLL23@6!d!)JNA54J!)NRR566!.52A5@6Q3<!*52; !

^ -2RN&T!-3424R569!%4!@26J@NRJN@5!d!O428T636!% <85; 54J2J3K4!*52; !

^ -2RN&T!ORR566!d!' ; <KZ5@; 54J!% <85; 54J2J3K4!*52

!

6%\$++&\$' 7 *%' &8\$ / 8\$%9&5: ;' ;&

<&A<&

!

E, 2, +(IT! *J!%*(632')6, 2(!!/G, (V*4-&

!

! \$2J3K428!066KR32J3K4!KL!C54J28!884566!D\$OC%SI!C54J28!: 528JQ!L36J!23A!R5@J3L35A!(

! \$KJ2?85!RK4J8?NJ3K46!JK!JQ5!83J5@2JN@5h!2Z2@A5A!?!T!O; 5@R24!OR2A5; T!KL!ONA3K8KBT!DEFFeH!!

! 'WR58854R5!34!#4A5@B@2AN2J5!OA73634B9!@5RKB43X34B!5WR58854R5!34!J52RQ34B!24A!2A73634B!OZ2@A5A!?!T!U@K7K6J!24A!

'W5RNJ375!&3R5!U@563A54J!LK@OR2A5; 3R!OLL23@6!DEFFEH!

! 'WR58854R5!34!(5652@RQ9!-8K@A2!)J2J5!#4375@63JT9!@5RKB43X34B!5WR58854R5!34!@5652@RQ5!\$K; 342J5A!?!T!JQ5!/524!KL!JQ5!
>K885B5!24A!2Z2@A5A!?!T!JQ5!U@K7K6J!DEFFPH!

! 'WR58854R5!34!(5652@RQ9!-8K@A2!)J2J5!#4375@63JT9!@5RKB43X34B!5WR58854R5!34!@5652@RQ5!\$K; 342J5A!?!T!JQ5!/524!KL!JQ5!
>K885B5!24A!2Z2@A5A!?!T!JQ5!U@K7K6J!DEFFPH!

! %4ANRJ559!*Q5!: K4K@)KR35JT!KL!UQ3!p2<<2!UQ3!!

! .2@T!/3@5RJK@-KN4A2J3K4!)RQK82@6Q3<!OZ2@A!LK@1@2AN2J5!(5652@RQ5!OZ2@A5A!?!T!-8K@A2!)<55RQ!24A!: 52@4B!
O66KR32J3K4!D-.O): Oh!P` ``H!

! p5445JQ!(S!=XKRO!>8343R28!(5652@RQ!OZ2@A5A!?!T!JQ5!#4375@63JT!KL!-8K@A2!D!P` ``mH!

!

!

! %\$2\$*%)! &" - + \$ % \$ 2 + 2 & @ & 2) ! , 4 * % 4 3 & 5 (6 4 ") * + " , - 2 &

!



!

!

!

6%\$++&\$' 7 *%' &\$ / 8\$%9&5:;' ;&

<&C&&

!

2)! , 4 *%43&5%\$2\$ - + * + " , - 2&

!

_ * 4U*+f!/5!d!/5?2RQ5@!)S!DEFFeHS!=N3A34B!24!OR2A5; 3R!>K; ; N43JTf!)J5<6!LK@2!)NRR566LN8!U5@636J54R5!U@KB@2; S!
>K4L5@54R5!KL!. KN363242!>K885B56!24A!#4375@63J356!\$5Z!, @52469!..OS!

!

_ * 4U*+f!/5!DEFF!HS!-3@6J^+52@OA73634Bf!)J5<6!LK@2!)NRR566LN8!>54J@28X5A!OA73634B!U@KB@2; S!\$2J3K428!>K4L5@54R5!K4!
)JNA54J!(5R@N3J; 54J9!C2@]5J34B9!24A!(5J54J3K4S!>Q3R2BK9!%S!

!

1K6QK@49!' .9!k Q3J59!p_9!d!_ * 4U*+f!/5!DEFFPHS! LL5RJ6!KL!\$#^c!k K@A!)5YN54R5!K4!*56J!/3L3RN8JTS!O; 5@R24!OR2A5; T!KL!
ONA3K8KBT!\$2J3K428!>K4L5@54R5!>Q3R2BK9!%S!

!

CR\$55659!C9!=KN@24A9!)9!d!_ * 4U*+f!/5!DEFFPHS!*Q5!% <2RJ!KL!2!1 (' !U@5<2@2J3K4!U@KB@2; !K4!JQ5!ORJN28!1 (' !)RK@56!
KL!)JNA54J6!!@K; !2!CR\$23@UK6J!2RR282N@52J5!ORQ3575; 54J!U@KB@2; S!O; 5@R24!%46J3JN5!KL!: 3BQ5@' ANR2J3K4!
e !%4J5@42J3K428!>K4L5@54R5!, @24AK9!-.S!

!

CKJJ5@!p9!O@34BJK49!C9!d!_ * 4U*+f!/5!DEFF`HS!=N3A34B!2!)J@2J5B3R! 4@K88; 54J!U824!JQ2J!34R8NA56!(5R@N3J; 54J9!
(5J54J3K49!U@KB@2; ; 34B9!24A! 4@K88; 54J!U@KM5RJ3K46S!\$2J3K428!>K4L5@54R5!K4!)JNA54J!(5R@N3J; 54J9!
C2@]5J34B9!24A!(5J54J3K4S!)24!O4JK43K9!*qS!

!

1K6QK@49!' .9!k Q3J59!p_9!d!_ * 4U*+f!/5!DEFF`HS!%4^63JN!; 526N@56!KL!2!<5@6K4V6!<@5L5@5A!836J5434B!857586!Z3JQ!2!<K@J2?85!
A3B3J28!; N63R!A573R5S!C55J34B!KL!JQ5!ORKN6J3R28!)KR35JT!KL!O; 5@R2S!)24!O4JK43K9!*qS!

!

_ * 4U*+f!/5!1K6QK@49!' .9!d!p2<8249! S!DEFF`HS!U@5A3R3K46!KL!: 52@34B!%46J@N; 54J!#65!24A!)2J36L2R3K4S!O; 5@R24!
OR2A5; T!KL!ONA3K8KBT!244N28!RK4754J3K4S!/288269!*qS!

!

1K6QK@49!' .9!k Q3J59!p_9!d!_ * 4U*+f!/5!DEFF`HS!%4^63JN!; 526N@56!KL!2!<5@6K4V6!<@5L5@5A!836J5434B!857586!Z3JQ!2!<K@J2?85!
A3B3J28!; N63R!A573R5S! 5JJ5@6!/2TS!*Q5!#4375@63JT!KL!)KNJQ5@4!C366363<<3S!: 2JJ356?N@B9!C)S!

!

1K6QK@49!' .!d!_ * 4U*+f!/5!DEFF`HS!/36J34RJ375!-52JN@5!O428T636!KL!' @24J!(56<K4656!JK!/32B4K6J3R!(QT; 5!*56J!k K@A6S!
PeOJQ!C55J34B!KL!JQ5!ORKN6J3R28!)KR35JT!KL!O; 5@R2S!UK@J824A9!, (S!

!

_ * 4U*+f!/5!DEFFmHS! LL5RJ6!KL!>588!UQK45!>K475@62J3K4!K4!>KB43J375!U@KR56634B!U5@Lk@, 24R56!34!OAN8J6!#4375@63JT!KL!
*5W26!(5652@RQ!/2TS!p5T4KJ5!)<52]5@S!T85@!)*qS!

!

1K6QK@49!' .!d!_ * 4U*+f!/5!DEFFmHS! LL5RJ6!KL!RK; <5J34B!; 5662B56!K4!QN; 24!24A!6T4JQ5J3R!6<52]5@S!ORKN6J3R28!
)KR35JT!KL!O; 5@R2!; 55J34BS!C5; <Q369!*\$S!

!

_ * 4U*+f!/5!

!
!

!

!

6%\$++&\$' 7 *%' &8\$/ 8\$%9&5:;' ;&

<&D&

!
!

!

!

6%\$++&\$' 7 *%' &8\$ / 8\$%9&5:;' ;&

<&FF&<&

!

@0#,1'+1J!'+*(2')6,2(!/G,(!*4-&

!

_ *4U*+f!/5\$!DEFFPHS!*3; 5!24A!)J@566!C242B5; 54J!*5RQ43YN56!LK@!>K; ; N43R2J3K4!/36K@A5@6!)JNA54J6S!1N56J!6<52]5@S!
CN8J3RN&JN@28!%6N56!>K; ; 3JJ55!< K@]6QK<S!>K; ; N43R2J3K4!/36K@A5@6!B@2AN2J5!6JNA54J6!2J!-8K@A2!)J2J5!
#4375@63JTS!*2882Q266559!-.S!

!

_ *4U*+f!/5\$!DEFFPHS!/36JK@J3K4!U@KANRJI, JK2RKN6J3R! ; 3663K46!< K@]6QK<S!\$5Z?K@4!4N@634B!6J2LL9! : 528JQ!>54J@28!
: K6<3J28S!, RK559!-.S!

!

_ *4U*+f!/5\$!DEFFPHS!/36JK@J3K4!U@KANRJI, JK2RKN6J3R! ; 3663K46!< K@]6QK<S!

!
!

!

!

6%\$++&\$' 7 *%' &8\$ / 8\$%9&5:;' ;&

<&F=&<&

!

\+' 2)(!. W' +9*9f!%*1 *1, : 4*2)!T!DQ29623!!/G, (Y*4-&

!

!

!

!

6%\$++&\$' 7 *%' &8\$ / 8\$%9&5: ;' ;&

<&F>&<&

!

\+' 2)(!. W'+9*9f!%*1 *1, : 4 *2)!T!DQ29623!;/G, (Y*4-&

!

_ * 4U*+f!/5!d!>2@849!C-S!DEFFcHS!k 58RQ!O88T4!Q28KB54!8JQ3N; !3K4!KJK6RK<56S!U@72J5!AK4K@DbmFFHS!*Q5!#4375@63JT!KL!
)KNJQ5@4!C3663663<<3S!: 2JJ356?N@B9!C)S!

!

_ * 4U*+f!/5!DEFFcHS!)J2J5!KL!JQ5!2@!Q52@4B!346J@N; 54J6!LK@Q2?3JN2J3K4!6JNATS!UQK42]!>K@<S!DbG9FFFS!*Q5!#4375@63JT!
KL!)KNJQ5@4!C3663663<<3S!: 2JJ356?N@B9!C)S!

!

_ * 4U*+f!/5!DEFFcHS!)R24!52@; K8A!3; <@5663K4!; 526N@4B!A573R5!LK@J52RQ34B!<N@<K656!34!JQ5!2NA3K8KBT!R843RS!
)35; 546!>K@<S!DbPE9FFFS!*Q5!#4375@63JT!KL!)KNJQ5@4!C3663663<<3S!: 2JJ356?N@B9!C)S!

!

_ * 4U*+f!/5!DEFFcHS!)J2J5!KL!JQ5!2@!Q52@4B!346J@N; 54J6!LK@Q2?3JN2J3K4!6JNATS!)35; 546!>K@<S!DbG9FFFS!*Q5!#4375@63JT!
KL!)KNJQ5@4!C3663663<<3S!: 2JJ356?N@B9!C)S!

!

_ * 4U*+f!/5!DEFFI HS!' 4J@T^85758!Q52@4B!346J@N; 54J6!LK@<2J354J!A5; K46J@2J3K4!24A!6JNA54J!J52RQ34B!<N@<K656S!
)35; 546!>K@<S!DbG9FFFS!. KN363242!*5RQ!#4375@63JTS!(N6JK49!. OS!

!

_ * 4U*+f!/5!DEFFI HS!)J2J5!KL!JQ5!2@!Q52@4B!346J@N; 54J6!LK@<2J354J!A5; K46J@2J3K4!24A!6JNA54J!J52RQ34B!<N@<K656S!
)35; 546!>K@<S!DbO9FFFS!. KN363242!*5RQ!#4375@63JTS!(N6JK49!. OS!

!

_ * 4U*+f!/5!DEFFI HS!\$K2Q!: 52@4B!%46J@N; 54J!)T6J5; !6KLJZ2@5!<82JLK@, S!)35; 546!>K@<S!DbP9eFFFS!. KN363242!*5RQ!
#4375@63JTS!(N6JK49!. OS!

!

!
!

!

!

6%\$++&\$' 7 *%' &8\$/ 8\$%9&5:;' ;&

<&F?&<&

!

!
!

!

!

6%\$++&\$' 7 *%' &8\$/ 8\$%9&5:;' ;&

!
!

!

!

6%\$++&\$' 7 *%' &8\$ / 8\$%9&5:;' ;&

<&FB<&

!

; 26! *+(6)J!7, 4 46)**(!!/G, (!*4-&

*5WJ?KK!|24A!>KN@65!C2J5@3286!OA736K@T!>K; ; 3JJ55! *Q5!#4375@63JT!KL!)KNJQ5@4!C3663663<<3!O<<K34J5A!?!T!JQ5!
U@K7K6JS!DEFPFoEFPEH!

!

*5WJ?KK!|24A!>KN@65!C2J5@3286!OA736K@T!>K; ; 3JJ55! *Q5!#4375@63JT!KL!)KNJQ5@4!C3663663<<3!% .!*5WJ?KK]!UK88RT!K K@]!
*52; 9!>Q2}@!-3@6J!K@A5@KL!?!N634566!Z26!JK!A5758K<!Z@3JJ54!<K88RTS!DEFPFoEFPEH!

!

OR2A5; 3R!U824434B!1@KN<S! *Q5!#4375@63JT!KL!)KNJQ5@4!C3663663<<3!U@K7K6J!2<<K34J5A!RK; ; 3JJ55!JK!3A54J3LT!2!bPEC!

*52:

