

Date of publication-  
30.09.2011

## MAHATMA GANDHI UNIVERSITY

B.Tech/res-3/2011

P.D.Hills, dated 30.09.2011

### NOTIFICATION

It is hereby notified that the results of semester VI (regular), Semester IV(regular), B.Tech degree examinations, May 2011 and results of supplementary(**prior to 2008 admissions**)(SI&II,SIII,SIV,andSV) B.Tech degree examinations, May 2011 is published.

Applications for revaluation of answer scripts in the prescribed form along with fee of Rs 500/- per paper, and applications for scrutiny of answer scripts in the prescribed form along with fee of Rs 100/- per paper should reach the office of the Controller of Examinations on or before **29.10.2011**.

Results of supplementary(**2008 admissions onwards**)(SI&II,SIII,SIV,andSV) B.Tech degree examinations, May 2011 will be published seperately.

  
Controller of Examinations

Copy to,

1. Principals of Colleges concerned.
2. PRO (for arranging press release).
3. University information centres.
4. EA.I sn.
5. AR.XX.
6. Pool Officer, Tappal sn.I  
EJ.I,IX, and X sections.
7. File copy.







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O/672-J'5%'2&/(7+2#'=7K'G( . \$7+26&+(7'574+7''/74

\*585\*15! 'L=\*\*

: MN; : ONPQR	: MN; SON<; R	: MN; TOQPQR	TMQS<ONU: R
TMQSS0QS<R	TMQSU0QU<R	TMQST0NQMR	TMQSP0PMTR
TMQU; 0QU<R	TMQU<0PMMR	TMQUM0N; MR	TMQUU0NMPR
TMQUT0PMTR	TMQU00QNR	TMQUP0N: NR	TMQT; 0PU<R
TMQT<0N<; R	TMQT: 0NTSR	TMQTS0N<; R	TMQTT0NS<R
TMQTP0NPMR	TMQQ; 0P; SR	TMQQU0N<<R	TMQQ00NSTR
TMQQN0QUTR	TMQQP0NM; R	TMQN; 0NUPR	TMQN<0NQNR
TMQN: 0NUQR	TMQNS0<; ; MR	TMQNU0Q<NR	TMQN00QN: R
TMQNN0TUTR	TMQP; 0NSSR	TMQP<0NPUR	TMQP: 0N; TR
TMQPM0N: QR	TMQPT0NNPR	TMQPQ0N: SR	TMQPP0NM<R
TMN; ; 0NS: R	TMN; <0N: UR	TMN; U0N<SR	

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TM; TU0QUTR	TM; TQ0NPSR	TM; Q<0N; : R	TM; Q: 0P; PR
TM; QM0QNQR	TM; QS0NPTR	TM; QU0QSNR	TM; QT0PUMR
TM; QQ0N<<R	TM; QN0NT; R	TM; N; 0QNUR	TM; NM0NPMR
TM; NS0N; QR	TM; NQ0PP; R	TM; NP0NT; R	TM; PU0NT; R
TM; PT0NMUR	TM; PN0N<TR	TM<; ; 0P<<R	TM<; <0P<TR
TM<; : 0NTQR	TM<; T0NP: R	TM<; Q0QPTR	TM<; N0QQPR
TM<; P0Q: QR	TM<<; 0PMTR	TM<<<0QUPR	TM<<; 0P; PR
TM<<S0Q; SR	TM<<Q0N<; R	TM<<N0N; PR	TM<; <0QQQR
TM<; Q0QN: R	TM<; N0NS<R		

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7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K















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T<NUNOQP; R	T<NT: ON; TR	T<NTMOQQ: R	T<NTSONU<R
T<NTUONNNR	T<NTTOQ: PR	T<NTNONPMR	T<NTPON: <R
T<NQ; ONUUR	T<NQ<ONM<R	T<NQ: OQPQR	T<NQMONP; R
T<NQSQQM; R	T<NQTOQQTR	T<NQQONPNR	T<NQNOP<; R
T<NQPON: : R	T<NN; OPT: R	T<NN<OQNNR	T<NN: OQM<R
T<NNMON: MR	T<NNUONN: R	T<NNTONNTR	T<NNQQOUTR
T<NNNOPSMMR	T<NNPON; TR	T<NP; ONSPR	T<NP: OQQ<R
T<NPMQQMUR	T<NPUOP<QR	T<NPQOP: SR	T<NPPONQTR
T<P; <ONTMR	T<P; : OPSMR	T<P; MOP; <R	T<P; SON<SR
T<P; TOP; NR	T<P; QQQSR	T<P; NOP; UR	T<P; PONTPR
T<P<; OPT; R	T<P<<ONS; R	T<P<MON: MR	T<P<SOQMSR
T<P<UON<QR	T: ; <SOQTPR	T: ; <TOQNTR	T: ; <QOP<<R
T: ; <NOQP<R			

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T<NUQ

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TN; ; SON; SR	TN; ; UONSUR	TN; ; TOP: NR	TN; ; QOQNUR
TN; ; NONQQR	TN; ; PONPPR	TN; <; OQQMR	TN; <; OQ: NR
TN; <S0QSNR	TN; <TON; MR	TN; <Q0NQQR	TN; <P0PUUR
TN; ; : OP<MR	TN; ; <OTQUR	TN; ; : OQTNR	TN; ; M0<; ; SR
TN; ; S0PSMR	TN; ; U0PQ; R	TN; ; T0Q: MR	TN; ; Q0NSPR
TN; ; NON: QR	TN; ; P0NN<R	TN; M: 0NMTR	TN; MS0PMTR
TN; MU0NMNR	TN; MT0NQMR	TN; MQ0Q<MR	TN; MP0NS; R
TN; S; 0NQSR	TN; S<0NTPR	TN; S: 0P; ; R	TN; SS0N<; R
TN; SU0TNPR	TN; SQ0QMQR	TN; SN0QNQR	TN; U; 0NUTR
TN; U<0NSPR	TN; US0PPUR	TN; UU0PSQR	TN; UT0P<PR
TN; UQ0NUTR	TN; UN0PMTR	TN; UP0PMSR	TN; T<0N; : R
TN; T: 0QUNR	TN; TM0NN<R	TN; TS0NMQR	TN; TU0<; MQR
TN; TQ0NPPR	TN; TP0PUNR	TN; Q; 0QQTR	TN; QU0N; <R
TN; QT0PUSR	TN; QQ0<; ; R	TN; QN0N: ; R	TN; QP0PN: R
TN; N; 0NMUR	TN; N: 0PUPR	TN; NM0N: ; R	TN; NS0PMSR
TN; NT0PM<R	TN; NQ0NSPR	TN; NN0NQQR	TN; P; 0NMQR
TN; P: 0P; MR	TN; PM0NT<R	TN; PS0NNUR	TN; PU0PMQR
TN; PT0QPNR	TN; PN0N<; R	TN; PP0PM: R	TN<; ; 0NM<R
TN<; <0QU<R	TN<; : 0QSSR	TN<; U0PNPR	TN<; Q0NUPR
TN<; NONQUR	TN<<; 0NPSR	TN<<<0P; MR	TN<<; 0QP<R
TN<<M0Q; PR	TN<<S0QQ<R	TN<<U0QTNR	TN<<Q0NPQR
TN<<N0P: <R	TN<: : 0NS; R	TN<: M0<; <; R	

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TPU; : 0N<UR	TPU; MONQUR	TPU; SON: TR	TPU; UON: : R
TPU; T0QNMR	TPU; NOPU; R	TPU; P0<; SQR	TPU<; 0NUPR
TPU<; 0<; <; R	TPU<M0<; ; PR	TPU<SON: : R	TPU<TONTPR
TPU<NON: MR	TPU: : 0N; <R	TPU: NONSSR	TPU: P0QMNR
TPUM; ONP; R	TPUM: ONPMR	TPUMMONSPR	TPUMT0<; <MR
TPUSMOP: QR	TPUSQ0<; : QR	TPUU: 0QM; R	TPUUS0QTNR
TPUUP0P<NR	TPUT; 0TU; R	TPUTS0PMSR	

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=BA=8=H?

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TNTU: ON: MR	TNTUMQUSR	TNTUJONS<R	TNTUTOPP<R
TNTUNOQ: UR	TNTUPOQMUR	TNTT: 0<; QMR	TNTTMONUQR
TNTTSONS: R	TNTTTOQNNR	TNTTQOPPNR	TNTTNONMMR
TNTTPONNQR	TNTQ: ONPUR	TNTQ: ONQUR	TNTQMOPQQR
TNTQUONTNR	TNTQTONNMR	TNTQNOP: PR	TNTQPONN<R
TNTN; 0<; : : R	TNTN<ONU: R	TNTN: OP: TR	TNTNMOTPTR
TNTNSOP<<R	TNTNUOP: PR	TNTNTONS: R	TNTNNONU<R
TNTNPOQUTR	TNTP; ON; NR	TNTP: ONNUR	TNTPMOPNTR
TNTPSOPS: R	TNTPTOP<: R	TNTPQONQSR	TNTPNOP; MR
TNTPPOPUSR	TNQ; ; ONQNR	TNQ; : ONMQR	TNQ; MONQNR
TNQ; SONT<R	TNQ; UONPTR	TNQ; TOQ; <R	TNQ; QOPQMR
TNQ; NOPU: R	TNQ; PON<PR	TNQ<; OP; : R	TNQ<<OPUNR
TNQ<SOQP<R	TNQ<UONPUR	TNQ<TOQSPR	TNQ<QO<; <SR
TNQ<NONMSR	TNQ<POP: TR	TNQ: <OQM: R	TNQ: MONS: R
TNQ: SONM: R	TNQ: UOQQQR	TNQ: TOQTNR	TNQ: QOP: NR
TNQM; OPTMR	TNQM<OPM<R	TNQM: ONNNR	TNQMSOP; QR
TNQMUON; : R	TNQMTQQMTR	TNQMNON: : R	TNQMPONPSR
TNQS; OPQTR	TNQS<ONSMR	TNQS: OQPPR	TNQSMONNTR
TNQSSONQTR	TNQSTOQQUR	TNQSQONTPR	TNQSNONNTR
TNQSPQOP<R	TNQ; OQ: PR	TNQ<ONQ: R	TNQUMOPS: R
TNQUSON; SR	TNQUUOPS; R	TNQUTON: ; R	TNQUQON; TR
TNQUNON; SR	TNQUPOPMPR	TNQ; OQNUR	TNQ<OP; PR
TNQ; OP; SR	TNQTMQQMR	TNQ; TUOPQPR	TNQTTOP; : R
TNQTOONU; R	TNQTNONQQR	TNQTPONUTR	TNQ; ONP: R
TNQ; ON<MR	TNQQSOPQQR	TNQQUONP: R	TNQQTONQMR
TNQQQON; ; R	TNQQNONUNR	TNQQPONSPR	TNQ; OPP<R
TNQ<ONNSR			

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?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -./01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; E+= : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

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| 35! =H'B\*1?1D15'EF'\*G?5BG5'=B3'15GCBEHEAI '8EEW=BBD! '=BA=8=|

0/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''' /+74

L=L5! 'L=\*\*

TNTU<

3 5 C

TNTUS

= 3 5 F A C

TNTUQ

= F A C

TNTT;

= 0 3 5 F C

TNTT<

A C

TNTQ<

= 0 G 3 5 F C

TNTQS

= 0 3 5 A C

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C

TNTNQ

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TNQ;<

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TNQ<:

C

TNQ<M

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| ?<2@/) &A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ |  
7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

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β35! =H'?B\*1?1D15'EF'\*G?5BG5'=B3'15GCBEHEAI '8EEW=BBD! '=BA=8=ll  
O/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''''/+74

L=L5! 'L=\*\*

TNQMM

= 0 3 5 F A C

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0 3 5 F A C

TNQU:

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TNQQ<

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?<2@/) &A+( '/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&<@&A+D>+() \*+, -./01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "\$%&'()\*"+, &-'\* ". "#&'/'0'1"2-'3"4/'5, 6. +76&+(7'869': ; <<

?H=C?='GEHH5A5'EF''5BA?B55! ?BA'=B3"15GCBEHEAI '8DH=@EE! '  
8EE@=11DLDXC=

0/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7'''+/74

\*585\*15! 'L=\*\*

Q: : <S0Q: SR	Q: : <P0QTPR	Q: : ; 0NMQR	Q: : : <0P<; R
Q: : : : 0TNMR	Q: : : S0QTSR	Q: : : T0TQUR	Q: : : N0QUTR
Q: : : P0N: SR	Q: : M; 0NUQR	Q: : M<0TQTR	Q: : M: 0Q: MR
Q: : MS0Q<SR	Q: : MN0NQTR	Q: : MP0TQPR	Q: : S; 0NPMR
Q: : S<0Q0SR	Q: : SM0N: NR	Q: : SP0N<; R	Q: : UM0Q<QR
Q: : US0QTQR	Q: : UU0NPSR	Q: : UT0NSMR	Q: : T; 0NMQR
Q: : T<0P: <R	Q: : T: 0N<; R	Q: : TM0N; QR	Q: : TN0TP: R
Q: : Q<0NNTR	Q: : QS0Q: UR	Q: : QU0NT; R	Q: : QT0NN: R
Q: : QQ0QNQR			

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7)6+. )33/. 0)\*0#\$-5:6-+:)6;

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?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*"+, -. /01/2/3)45/6+0' /-50: \*+  
7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: : >: 2K



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

! "#\$%&'()\*"+, &-'\* ". "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

='GEHH5A5'EF'5BA?B55! ?BA'=B3''15GCBEHEAI '8DH=@EE! '8EE@=11DL

O/672-J'5%'2&/ (7+2#'=7K'G(. . \$7+26&+(7'574+7''/ +74

L=L5! 'L=\*\*

Q: :<<

= C

Q: :<:

C

Q: :<M

= G 3 F C

Q: :<U

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Q: :<Q

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= G 3 F A C

Q: :M

= 0 G 3 5 F C

Q: :U

= 3 5 A C

Q: :Q

C

Q: :MM

G 3 5 F A

Q: :MU

C

Q: :MT

= G 3 5 F A C

Q: :MQ

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Q: :S:

= 0 G 3 5 F A

Q: :SS

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

! "#\$%&'()\*+,-./\*\$0&12\$\$"0"%

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|='GEHH5A5'EF'5BA?B55! ?BA'=B3''15GCBEHEAI '8DH=@EE! '8EE@=11DL|  
O/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''/+74

L=L5! 'L=\*\*

Q: : SU

G F C

Q: : ST

A C

Q: : SQ

C

Q: : SN

= G 3 5 F A C

Q: : U;

A C

Q: : U<

5 A C

Q: : U:

= 5 C

Q: : UQ

G 3 A C

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O 3 5 F A C

Q: : UP

= 3 5 A C

Q: : TS

= 3 5 A C

Q: : TU

= G 3 5 F A C

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Q: : TQ

= 3 5 F A C

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7)6+.)33/.0)\*0#\$-5:6-+:)6;

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7#'#8EF: 3&&G'1: +41: C; ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: : >: 2K



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

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='GEHH5A5'EF'5BA?B55! ?BA'=B3''15GCBEHEAI '8DH=@EE! '8EE@=11DL

O/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''/+74

L=L5! 'L=\*\*

Q: : Q:

= G 3 A C

Q: : QM

= G 3 5 F A C

Q: : QN

A C

Q: : QP

3 5 A C

Q: : N;

= 3 A C

Q: S<N

= 0 3 5 F A C

Q: S<P

= A C

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!"#!#\$!""

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\$R

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

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

W85='5BA?B55! ?BA'GEHH5A5'53=1C=H='=HD@=

0/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7'''/74

\*585\*15! 'L=\*\*

: TPQ; : 0TQSR	: TPQ; S0QN<R	: TPQ; U0PU; R	: TPQ; T0NNPR
QM<S<0PSQR	QM<S: 0NSUR	QM<SM0QUSR	QM<SS0QSPR
QM<SU0QS; R	QM<U<0QS: R	QM<UM0QTSR	QM<US0Q: : R
QM<UU0Q; ; R	QM<UQ0Q: : R	QM<T; 0QTQR	QM<T<0QMTR
QM<T: 0QPUR	QM<TT0P<QR	QM<TQ0PM: R	QM<TP0NMSR
QM<Q; 0N: UR	QM<Q<0QQ: R	QM<Q: 0N: TR	QM<QS0QP<R
QM<QT0N; QR	QM<QQ0QN: R	QM<QN0N; <R	QM<QP0N<UR
QM<N; 0N: ; R	QM<N<0P; UR	QM<N: 0N<QR	QM<NM0P: <R
QM<NS0NQTR	QM<NU0QQ<R	QM<NQ0NP: R	QM<NN0PSUR
QM<NP0PS<R	QM<P; 0NPMR	QM<P<0P; ; R	QM<P: 0NPUR
QM<PS0PMPR	QM<PU0NM: R	QM<PT0NP; R	QM<PP0Q; TR
QM: ; ; 0NU<R	QM: ; <0NMUR	QM: ; : 0NS<R	QM: ; ; 0MN: QR
QM: ; ; S0QQNR	QM: ; ; U0NPNR		

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!"#!#\$!""

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L!

?<2@/) &A+( ' / ; 8+\*1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: >: 2K





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

! "#\$%&'()\*"+, &-'\*". "#&"/'0'1"2-'3"4/'5,6. +76&+(7"869':;<<

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O/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7'''/74

L=L5! 'L=\*\*

: TPQ;<

5 F A C

: TPQ; M

3 5 F A C

QM<ST

= 0 3 5 F A C

QM<SQ

C

QM<SN

= 5 A C

QM<SP

= 0 G 3 5 F C

QM<U;

C

QM<U:

= 0 3 5 F A C

QM<UT

= 0 G F A C

QM<UN

= 0 A C

QM<UP

= G F A C

QM<TM

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L"

?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/| ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\* /0123456. +76&+(7'869':;<<

W85='5BA?B55! ?BA\GEHH5A5'53=1C=H='=HD@=

O/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''/+74

L=L5! 'L=\*\*

QM<NT

C

QM<PM

= 0 3 5 F A C

QM<PQ

= 0 3 5 F A C

QM<PN

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?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' +! <-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "\$%&'()\*"+, &-'\* ". "#&'/'0'1'2-'3'4/'5, 6. +76&+(7'869': ; <<

8=BA=H=8'GEHH5A5'EF'5BA?B55! ?BA'511D8=BEE!

0/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''/74

\*585\*15! 'L=\*\*

: TQNUQONT: R	: TQNUPONT: R	: TQNT; ONSNR	Q: U; <OQ: TR
Q: U; : ONM: R	Q: U; MOQTNR	Q: U; SON<QR	Q: U<; OQ<MR
Q: U<; OQQ<R	Q: U<MOP: NR	Q: U<TOP: : R	Q: U<POQ; ; R
Q: U: : OQTUR	Q: U: MON; <R	Q: U: TQUMR	Q: U: OQPNR
Q: UM; OP; <R	Q: UM: OQ<MR	Q: UMSOONUR	Q: UMUOPU: R
Q: UMPON<<R	Q: US<OQMSR	Q: USSONPMR	Q: UU<ONU<R
Q: UUTOO: TR	Q: UUQONSQR	Q: UT<ON<TR	Q: UTUOP: : R
Q: UTPOOTUR	Q: UQ; OQQR	Q: UQTQQPQR	Q: UQQONUMR
Q: UN; ONMUR	Q: UNSONMUR	Q: UNUONM: R	Q: UNTOO: PR
Q: UNQON<QR	Q: UNNON; QR	Q: UNPON: MR	Q: UP; ON: SR
Q: UPMON; ; R	Q: UPUOQNNR	Q: UPTOOQ; R	Q: UPNOQPSR
Q: UPPQOMNR	Q: T; <OQNPR	Q: T; SONU<R	Q: T; UOQSQR
Q: T; TON: ; R	Q: T<MON: <R	Q: T<UON: SR	Q: T<NOQP: R
Q: T<POQPUR	Q: T: MON: MR	Q: T: SOQUTR	Q: T: UONTUR
Q: T: NONM<R	Q: T: PONNSR		

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!"#!#\$!""

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

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8=BA=H=8'GEHH5A5'EF'5BA?B55! ?BA'511D8=BEE!

O/672-J'5%'2&/(7+2#'=7K'G( . . \$7+26&+(7'574+7''''/4

L=L5! 'L=\*\*

	: TQNU<			
=	5	A	C	
	: TQNU:			
=	G	5	F	A C
	: TQNUM			
=	O	5	F	A C
	: TQNUS			
=	O	5	A	C
	: TQNUU			
=	5	F	A	C
	: TQNUJ			
=	O	3	5	F A C
	: TQNUN			
5	F	A	C	
	: TQNT<			
=	G	3	5	F A C
	Q:U;U			
=	O	G	3	5 A C
	Q:U;T			
=	5	F	A	C
	Q:U;Q			
3	A	C		
	Q:U;N			
=	5	A	C	
	Q:U;P			
=	O	G	3	5 A C
	Q:U<S			
5	F	A	C	
	Q:U<U			
=	O	3	5	F A C
	Q:U<Q			
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 7)6+.)33/. 0)\*0#\$\$-5:6-+;)6;

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7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: : >: 2K



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

! "#\$%&'()\*+,-./\*0&1 23456. +76&+(7'869':;<<

8=BA=H=8'GEHH5A5'EF'5BA?B55! ?BA'511D8=BEE!

O/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''' /+74

L=L5! 'L=\*\*

Q: U<N

= 5 F C

Q: U: ;

= 3 5 A C

Q: U: <

= A C

Q: U: S

= G 5 F A C

Q: U: N

= 3 5 A C

Q: U: P

= 5 F C

Q: UM<

= 0 3 5 F A C

Q: UMM

= 0 G 3 5

Q: UMQ

= 0 3 5 F A C

Q: UMN

= 0 3 5 F A C

Q: US;

= 0 3 5 F A C

Q: US:

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Q: USU

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Q: UST

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?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

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

8=BA=H=8'GEHH5A5'EF'5BA?B55! ?BA'511D8=BEE!

0/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''' /+74

L=L5! 'L=\*\*

Q: USN

A C

Q: USP

= 0 3 5 F A C

Q: UU;

= G 3 5 F A C

Q: UU:

= G 3 5 A C

Q: UUM

= 3 5 A C

Q: UUS

3 5 A C

Q: UUU

= 3 5 F A C

Q: UUN

= G 3 5 F A C

Q: UUP

5 A C

Q: UT;

G 3 5 F C

Q: UT:

= 0 3 5 A C

Q: UTM

= 0 3 5 F A C

Q: UTS

= G 5 C

Q: UTT

= 0 3 5 A C

Q: UTQ

= 0 3 5 F C

Q: UTN

= C

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7)6+.)33/. 0)\*0#-\$-5:6-:;)6;

! " # \$ % & ' ( ) \* + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ \ ] ^ \_ ` { | } ~

%&'()\*+, -./0\*1+ .&2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+! ""

L0

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*'+, -./01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: : >: 2K



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

! "\$%&'()\*"+, &-'\*". "#&"/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

8=BA=H=8'GEHH5A5'EF'5BA?B55! ?BA'511D8=BEE!

0/672-J'5%'2&/ (7+2#'=7K'G(. . \$7+26&+(7'574+7''' /+74

L=L5! 'L=\*\*

Q: UQ<

= 3 5 A C

Q: UQ:

= 5 F A C

Q: UQM

= 0 G 3 5 F C

Q: UQS

5 A C

Q: UQN

5 C

Q: UQP

0 3 5 A C

Q: UN<

5 C

Q: UN:

= 5 A C

Q: UNM

0 5 F C

Q: UP<

= 0 3 5 F A C

Q: UP:

= 0 G 5 F A C

Q: UPS

= A C

Q: T; ;

= G 5 A C

Q: T; :

= 0 G 5 F A C

Q: T; M

= G 3 5 F A C

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%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

! "#"!#\$! ""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

LP

?<2@/) &A+( '/' ; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869';;<<

8=BA=H=8'GEHH5A5'EF'5BA?B55! ?BA'511D8=BEE!

0/672-J'5%'2&/ (7+2#'=7K'G( . . \$7+26&+(7'574+7''/+74

L=L5! 'L=\*\*

Q:T;N

0 A C

Q:T;P

= 0 5 F A C

Q:T<;

C

Q:T<;

C

Q:T<S

0 G 5 F A C

Q:T<T

= 0 G 5 F A C

Q:T<Q

= 5 F A C

Q:T:;

= 0 3 5 A C

Q:T:<

5 A C

Q:T::

= 0 5 F A C

Q:T:T

C

Q:T:Q

0 G 5 F A C

Q:TM<

= 5 F A C

Q:TM:

= 0 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-:;)6;

!"#!#\$!"

%&'()\*+, -. /0\*1+ . &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+! ""

LQ

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C; ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K





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

! "\$%&'()\*"+, &-'\* ". "#&/'0'1'2-'3'4/'5, 6. +76&+(7'869': ; <<

8=! '0=\*5H?D\*'GC! ?\*1?=B'GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI '  
L55! 8=35

0/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''/74

\*585\*15! 'L=\*\*

TSU; <0QQMR	TSU; MQQ<TR	TSU; QONPQR	TSU; NOQUSR
TSU<: 0P; MR	TSU<U0QQSR	TSU<TON<; R	TSU<QQQ: TR
TSU<NOTNSR	TSU<P0QNMR	TSU: ; 0P; PR	TSU: <ON<SR
TSU: : 0QPMR	TSU: MQQU; R	TSU: S0QUUR	TSU: NOQ: : R
TSU: PON<; R	TSUM; 0QQNR	TSUM<ONMNR	TSUMMONUSR
TSUMS0Q: <R	TSUMU0QQTR	TSUMT0QQ<R	TSUMNOQQ: R
TSUMPONMPR	TSUS; 0QQ; R	TSUS<0QPSR	TSUS: 0QQQR
TSUSSON: TR	TSUSUON<QR	TSUSQ0QPSR	TSUSNOP; TR
TSUSPONNMR	TSUU; 0QU; R	TSUU<0QT: R	TSUUMOP; SR
TSUUSONU: R	TSUUUON: UR	TSUUTONPTR	TSUUPON<PR
TSUT; ON<PR	TSUT<0QM: R	TSUT: 0TTMR	TSUTMOPUSR
TSUTS0QSPR	TSUTPONNSR	TSUQ; 0QQ<R	TSUQ<ON: UR
TSUQ: ONMUR	TSUQSONUPR	TSUQU0Q: QR	TSUQT0QN: R
TSUN<ONUSR	TSUNMQ: <R	TSUNSOQPQR	TSUNUON: <R
TSUNTON; MR	TSUNNOTNQR	TSUNPOQSTR	TSUP: 0QT: R
TSUPMONU: R	TSUPSOQM; R	TST; ; 0NSMR	TST; : 0QT: R
TST; MQQ<QR	TST; S0PSNR	TST; U0QMTR	TST; T0Q<QR
TST; QONMUR	TST; NOQM; R	TST; P0QM; R	TST<; 0Q<QR
TST<<0QPTR	TST<; ON<UR	TST<S0Q<<R	TST<TON; NR
TST<Q0QTUR	TST<NOQ: TR	TST<PON<<R	TSNUN0QN<R
TSNTS0QMQR	TSNTU0QPSR	TSNTT0QT; R	

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

LR

?<2@/) &A+(' /; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; E+=: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+&-'\* . "#&/'0'1'2-'3'4/'5,6. +76&+(7'869';;<<

|0=\*5H?D\*'GC! ?\*1?=B'GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'L55! E

O/672-J'5%'2&/ (7+2#'=7K'G( . . \$7+26&+(7'574+7''' /+74

L=L5! 'L=\*\*

TSU;;

3 5 C

TSU;S

0 3 5 C

TSU;T

= 0 3 5 F A C

TSU;P

3 5 F A C

TSU<;

3 5 A C

TSU<<

3 5 F A C

TSU<M

3 5 C

TSU<S

= G 3 5 A C

TSU:U

C

TSU:T

= G 3 5 A C

TSU:Q

3 5 A C

TSUM:

= G 3 5 A C

TSUMQ

= 0 3 5 F A C

TSUSM

= 0 3 5 F C

TSUST

= 0 3 5 F A C

TSUU:

3 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$-5:6-+:)6;

!"#!\$!"

%&'()\*+, -. /0\*1+. &2&' \*3+4+5&61+7&83&&+90: 2/; :\*/<; += :>+! ""

M!

?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+,-.\*. /\$0&12\$\$"0"%

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869';;<<

O/672-J'5%'2&/(7+2#'=7K'G( . . \$7+26&+(7'574+7''/74

L=L5! 'L=\*\*

TSUUQ

= 5 A C

TSUUN

G 3 5 A C

TSUTU

= G 3 5 F A C

TSUTT

= 0 3 5 F A C

TSUTQ

= 0 3 5 C

TSUTN

= C

TSUQM

O G 3 5 F A C

TSUQQ

O 5 A C

TSUQN

= G 3 5 F A C

TSUQP

O 5 A C

TSUNQ

G 5 F A C

TSUP<

= G 3 5 F A C

TSUPU

5

TSUPT

= G 5 F A C

TSUPQ

G 5 F A C

TSUPN

= 0 G 3 5 F C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+:)6;

!"#"\$%!"

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

M"

?<2@/)&A+(';/;8\*1&+! "#\$%#&'+'<-\*B:3&+A&C&<@&A+D>+() \*+, -. /01/2/3)45/6+0' /-50: \*+  
7#'#8EF:3&&G'1:+41:C; [+=: 1:\*2:+H; ;A1/H; /C&3'/>+J<\*:>: 2K



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

! "#\$%&'()\*+,-./\*0&1 23456. +76&+(7'869':;<<

0=\*5H?D\*'GC! ?\*1?=B'GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'L55! E

O/672-J'5%'2&/(7+2#'=7K'G( . \$7+26&+(7'574+7''/+74

L=L5! 'L=\*\*

TST;<

C

TST<M

G 5 F C

TST<U

= 5 C

TSNUQ

= 5 A C

TSNUP

G 3 5 F A C

TSNT;

G 3 5 A C

TSNT<

O G 3 5 F A C

TSNTM

C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

M\$

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<<

8=1C='GEHH5A5'EF'15GCBEHEAI '8=B=W=L=3I 'BE! 1C'L=! D!

0/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''/74

\*585\*15! 'L=\*\*

TT<; <0QN; R	TT<; : 0N: NR	TT<; U0QUSR	TT<; T0NNPR
TT<; NONSPR	TT<< T0N; TR	TT<< N0QPTR	TT<; S0P: PR
TT<; T0NMUR	TT<; Q0QQTR	TT<; P0N; : R	TT<M; 0PSQR
TT<M: 0QS; R	TT<MU0QS<R	TT<MT0TPSR	TT<MPOPNR
TT<S<0Q: UR	TT<S: 0NT<R	TT<SM0N: UR	TT<SS0QMUR
TT<ST0NT: R	TT<SQ0N; TR	TT<U; 0QMNR	TT<UM0NUPR
TT<UU0QS: R	TT<UT0PU<R	TT<UN0PM; R	TT<T<0QT<R
TT<T: 0QP<R	TT<TU0NNMR	TT<TP0QQUR	TT<Q; 0TNNR
TT<Q<0NUTR	TT<QT0QQ<R	TT<QQ0NTMR	TT<N<0NS<R
TT<N: 0NQSR	TT<NM0QTPR	TT<NS0N: : R	TT<NT0Q: QR
TT<P<0NNMR	TT<PM0QTPR		

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

ML

?<2@/) &A+( '/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "\$%&'()\*"+, &-'\*". "#&/'0'1"2-'3"4/'5, 6. +76&+(7"869'; <<

-----  
8=1C='GEHH5A5'EF'15GCBEHEAI '8=B=W=L=3I 'BE! 1C'L=! D!  
-----

O/672-J'5%'2&/(7+2#'=7K'G( . . \$7+26&+(7'574+7''' /+74

L=L5! 'L=\*\*

TT<;M

C

TT<;S

G 3 5 F A C

TT<;Q

= 0 5 A C

TT<;P

= G 3 5 A C

TT<<;

5 C

TT<<<

= A C

TT<<:

5 A C

TT<<M

= 0 3 5 F A C

TT<<S

= 5 A C

TT<<Q

= 0 3 5 F A C

TT<<P

= 0 3 5 F A C

TT<:;

= 5 C

TT<:<

C

TT<:;

0 5 C

TT<:M

C

TT<:U

= 5 A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

-----  
!"#!\$!" " %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! " " MM

-----  
?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+  
7# ' #8EF: 3&&G' 1: +41: C: ; [+=: 1: \*2: +H: ; A1/! ; /C&3' />+J <\*: :>: 2K  
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! "#\$%" &' " ( )#\*&+ ( \* , - . /\*\$0&1 2\$\$" 0"%

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

8=1C='GEHH5A5'EF'15GCBEHEAI '8=B=W=L=3I 'BE! 1C'L=! D!

O/672-J'5%'2&/(7+2#'=7K'G( . \$7+26&+(7'574+7''/+74

L=L5! 'L=\*\*

TT<TT

= G 3 5 F A C

TT<TQ

= G 5 F C

TT<TN

= 5 A C

TT<Q:

= 0 3 5 A C

TT<QM

= 0 3 5 F A C

TT<QS

= 0 G 5 F A C

TT<QU

= 5 F C

TT<QN

= 5 A C

TT<QP

3 5 F A C

TT<N;

= G 5 F C

TT<NU

= G 5 A C

TT<NN

C

TT<NP

= G 5 F A C

TT<P;

= G 3 5 F A C

TT<P:

= C

TT<PS

= 5 F A C

%109:33;

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7)6+.)33/.0)\*0#-\$-5:6-+;)6;

!"#!#\$!"

%&'()\*+,.-./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

MO

?<2@/)&A+('/; 8+1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+, .-/01/2/3)45/6+0' /-50: \*+

7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

! "\$%&'()\*"+, &-"\* . "#&'/'0'1'2-'3'4/'5, 6. +76&+(7'869': ; <<

8EDB1'X?EB'GEHH5A5'EF'5BA?B55! ?BA'W=3=88=B?11=

0/672-J'5%"2&/(7+2#'=7K'G( . \$7+26&+(7'574+7''/74

\*585\*15! 'L=\*\*

S<<U: 0QTTR	S<<UM0QPUR	S<<UT0QNMR	S<<UQ0NSSR
TQU; U0P: ; R	TQU; TOPQR	TQU<; 0TNQR	TQU<<0QPUR
TQU<S0N<; R	TQU<U0P<; R	TQU<N0N: UR	TQU<P0PMQR
TQU: ; 0PQQR	TQU: <0NSQR	TQU: : 0NU<R	TQU: U0PS; R
TQU: Q0NMSR	TQU: N0QUSR	TQUM; 0N<TR	TQUM: 0P; <R
TQUMM0QQMR	TQUMU0NMPR	TQUMT0Q; UR	TQUMN0N; <R
TQUMP0QU<R	TQUS; 0QPQR	TQUSS0PUNR	TQUSQ0N; : R
TQUSP0NUTR	TQUU; 0NU: R	TQUUS0QNUR	TQUUQ0QSMR
TQUTS0QQ<R	TQUTT0NSQR	TQUTQ0QP: R	TQUTN0N<MR
TQUTP0P<PR	TQUQ<0NPQR	TQUQ: 0P; : R	TQUQN0NU; R
TQUQP0PMUR	TQUN: 0NT: R	TQUNQ0NSUR	TQUNN0P: ; R
TQUNP0QTMR	TQUP: 0QM; R	TQUPM0NUPR	TQUPSON<; R
TQUPU0NS; R	TQUPT0N; SR	TQUPQ0QQMR	TQUPN0QUSR
TQT; : 0N; UR	TQT; M0N: QR	TQT; T0P; PR	TQT; N0P<PR
TQT<<0NQPR	TQT<; 0QQ: R	TQT<M0NTQR	TQT<T0N<UR
TQT<N0NNSR	TQT<P0QN: R	TQT: <0QTTR	TQT: : 0PQ; R
TQT: Q0PQMR	TQTM: 0<; MNR		

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

MP

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\* +, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*"+, &-'\* ". "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

8EDB1'X?EB'GEHH5A5'EF'5BA?B55! ?BA'W=3=88=B?11=

0/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''/+74

L=L5! 'L=\*\*

S<<U<

G 3 5 F A C

S<<US

5 F A C

S<<UU

C

S<<UN

= 5 C

TQU;<

3 5 C

TQU;:

0 5 C

TQU;M

= 5 F A C

TQU;S

= 0 3 5 A C

TQU;Q

0 3 5 F C

TQU;N

= 5 A C

TQU;P

= 0 G 3 5 F C

TQU<:

= A C

TQU<M

= 5 F A C

TQU<I

= 0 3 5 C

TQU<Q

= 0 3 5 F A C

TQU;M

0 3 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

MQ

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; E+=: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0123456789:;<=>

8EDB1'X?EB'GEHH5A5'EF'5BA?B55! ?BA'W=3=88=B?11=

0/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''/+74

L=L5! 'L=\*\*

TQU: S

3 5 A C

TQU: T

= 0 3 5 F A C

TQU: P

= 0 5 F C

TQUM<

0 F C

TQUMS

= 5 A C

TQUMQ

= 0 5 F C

TQUS<

= 5 C

TQUSM

0 3 5 F A C

TQUSU

0 5 F A C

TQUST

5 F C

TQUSN

= 0 G 3 5 F C

TQUU<

= 5 A C

TQUU:

A C

TQUUM

5 A C

TQUUU

= 0 G 3 5 F C

TQUUT

= 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+:)6;

! "#! \$! %! "

%&'()\*+,-./0\*1+. &2&'\*&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

MR

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+

7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "\$%&'()\*+,-\*". "#&'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

8EDB1'X?EB'GEHH5A5'EF'5BA?B55! ?BA'W=3=88=B?11=

O/672-J'5%'2&/(7+2#'=7K'G( . . \$7+26&+(7'574+7'''+74

L=L5! 'L=\*\*

TQUUN

= 0 3 5 F A C

TQUUP

C

TQUT;

= 0 5 F A C

TQUT:

0 3 5 F C

TQUTM

= 0 3 5 F A C

TQUTU

5 A C

TQUQ;

= 0 F C

TQUQM

= 0 G 5 F A C

TQUQS

5 A C

TQUQU

= 0 G 5 F A C

TQUQT

= 0 G 3 5 F C

TQUQQ

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TQUN<

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TQUNM

= 0 3 5 F A C

TQU NS

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TQU NU

3 5 F A C

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7)6+.)33/. 0)\*0#\$\$-5:6-+;)6;

!"#!#\$!"

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N!

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+

7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "\$%&'()\*"+, &-'\*". "#&/'0'1'2-'3'4/'5, 6. +76&+(7'869';;<<

8EDB1'X?EB'GEHH5A5'EF'5BA?B55! ?BA'W=3=88=B?11=

O/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''/+74

L=L5! 'L=\*\*

TQUNT

= 0 G 3 5 F C

TQUP;

= G 3 F A C

TQUP<

= G 3 F A C

TQUPP

= G 3 5 F A C

TQT;;

= G 5 F A C

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C

TQT;U

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N"

?<2@/) &A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C; ;[+=: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\*/0123456. +76&+(7'869':;<<

8EDB1'X?EB'GEHH5A5'EF'5BA?B55! ?BA'W=3=88=B?11=

O/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7'''+/74

L=L5! 'L=\*\*

TQT:U

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TQT:I

= 5 C

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!"#!#\$!""

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N\$

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/| ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0123456789:;<=>

8D\*=H?='GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'WD80=XC='

L=1C=B=81C?11=

0/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7'''/74

\*585\*15! 'L=\*\*

Q<<P: 0QPTR	Q<<PM0N; NR	Q<<PS0N: SR	Q<<PT0N<QR
Q<<PQ0N<MR	Q<<PN0QQTR	Q<: ; ; 0QNUR	Q<: ; <0NQTR
Q<: ; MQ0N: R	Q<: ; S0NU: R	Q<: ; T0P: TR	Q<: ; Q0NSPR
Q<: < ; 0QSQR	Q<: <<0Q<SR	Q<: <: 0NPUR	Q<: <U0Q; ; R
Q<: <T0QT; R	Q<: <N0Q: PR	Q<: : M0P<QR	Q<: : Q0NSQR
Q<: : N0QNQR	Q<: : P0NQ<R	Q<: M; 0QN; R	Q<: M<0NU<R
Q<: MU0QSPR	Q<: MT0P; MR	Q<: MP0P; SR	Q<: S; 0QUPR
Q<: S<0QSSR	Q<: SM0PMT	Q<: SU0TT; R	Q<: ST0QQNR
Q<: SQ0NNUR	Q<: SN0Q: QR	Q<: US0N<<R	Q<: UU0NNSR
Q<: UT0NM; R	Q<: UQ0NNUR	Q<: UP0QT: R	Q<: T; 0QQQR
Q<: T: 0NSNR	Q<: TM0P; NR	Q<: TT0QU: R	Q<: Q; 0NN; R
Q<: Q: 0NPNR	Q<: QM0QU; R	Q<: QN0TQTR	Q<: N<0NP: R
Q<: N: 0QM; R	Q<: NM0PMMR	Q<: NS0Q: MR	Q<: NU0QPMR
Q<: NT0QTMR	Q<MU0PQQUR	Q<MT; 0N<TR	Q<MT<0QQ: R
Q<MT: 0QTUR			

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+,-./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

NL

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+

7# ' #8EF: 3&&G' 1: +41: C: ; E+=: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K



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

! "\$%&'()\*"+, &-'\* ". "#&"/'0'1"2-'3"4/"5,6. +76&+(7"869';;<<

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P=! 'GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'WD80=XC='L=1C=B=8|

0/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7"/+74

L=L5! 'L=\*\*

Q<<PU

= G 5 A C

Q<<PP

= 5 C

Q<:::

= O G 5 F A C

Q<:;U

= G 3 5 F A C

Q<:;N

= G 5 F C

Q<:;P

3 5 F C

Q<:<M

= G 3 5 F A C

Q<:<S

5 A C

Q<:<Q

0 G 3 5 F C

Q<:<P

= 5 C

Q<:::

= O G 5 A C

Q<::<

0 G 3 5 F A C

Q<:::

= G 5 C

Q<::S

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%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

! "#"!#\$! ""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

NM

-----  
?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K  
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! "#\$%"&' " ()#\*&+(\*, -./\*\$0&1 2\$\$"0"%

! "#\$%&'()\*+,-.\* /0123456. +76&+(7'869';;<<

! "GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'WD80=XC='L=1C=B=8|

0/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7'''/+74

L=L5! 'L=\*\*

Q<: TN

= O G 3 5 F C

Q<: TP

= F C

Q<: Q<

= G 3 5 A C

Q<: QS

= 3 5 F A C

Q<: QU

= C

Q<: QT

= O G 3 5 A C

Q<: QQ

= G 3 5 A C

Q<: QP

= C

Q<: N;

= G 3 A C

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%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

NO

?<2@/) &A+(' /; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<<

\*G8\*\*GCEEH'EF'5BAAI'Y'15GCBEHEAI 'W=! DWD11I

0/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''' /+74

\*585\*15! 'L=\*\*

Q; QSN0NQ<R	Q; QSP0P; ; R	Q; QU; 0QTQR	Q; QU<0N; ; R
Q; QU; 0QT: R	Q; QUM0P: QR	Q; QUS0PTPR	Q; QUU0QQQR
Q; QUQ0NNQR	Q; QUN0QPNR	Q; QT<0N<UR	Q; QT: 0NUNR
Q; QTM0PTUR	Q; QTS0QTSR	Q; QTT0PMTR	Q; QTQ0QSSR
Q; QTN0PTTR	Q; QTP0QM<R	Q; QQ; 0NS<R	Q; QQ<0<; ; QR
Q; QQ: 0NUPR	Q; QQS0PUNR	Q; QQU0NTTR	Q; QQT0PSTR
Q; QQQ0N: PR	Q; QQN0PNTR	Q; QQP0Q: : R	Q; QN; 0PMPR
Q; QN<0NT: R	Q; QN: 0<; S; R	Q; QNT0PPSR	Q; QNQ0NQNR
Q; QNN0PQ<R	Q; QNP0PPQR	Q; QP; 0N: NR	Q; QP<0P<NR
Q; QP: 0P; PR	Q; QPS0NSSR	Q; QPU0PUTR	Q; QPT0NQNR
Q; QPN0P<SR	Q; QPP0P<TR	Q; N; ; 0P: SR	Q; N; <0NSMR
Q; N; : 0QUSR	Q; N; M0QQ: R	Q; N; S0PSPR	Q; N; U0P: PR
Q; N; T0P: SR			

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

NP

?<2@/)&A+('/; 8\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-./\*\$0&123456. +76&+(7'869':;<<

\*! 55'B=! =I =B='AD! DWDH=8'GEHH5A5'EF'5BA?B55! ?BA'WEH5BGC5! ! I

O/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7'''/74

\*585\*15! 'L=\*\*

SPP: S0Q; PR	SPP: T0N: PR	SPP: Q0QNMUR	SPP: P0P: NR
SPPM: 00SPR	TP; ; <0NU<R	TP; ; P0QU: R	TP; <<0P<QR
TP; <: 00TTR	TP; <M0QSTR	TP; <U0QMUR	TP; <T0N<NR
TP; ; : 00SMR	TP; ; : 0P<QR	TP; : M0NT; R	TP; : S0P; NR
TP; : U0QSPR	TP; : T0NQSR	TP; : Q0QP<R	TP; : P0N<MR
TP; M; 0N; <R	TP; M<0N<UR	TP; M: 0NUSR	TP; MM0P; : R
TP; MS0QTPR	TP; MU0NQUR	TP; MT0QSMR	TP; MQ0QPUR
TP; MP0N; NR	TP; S; 0N; PR	TP; S: 0P; SR	TP; SM0QUQR
TP; SU0NPQR	TP; SQ0PSMR	TP; SN0N<PR	TP; SP0P<<R
TP; U; 0NNQR	TP; U<0NSUR	TP; U: 0NSNR	TP; US0QP<R
TP; UQ0NTQR	TP; UN0QNTR	TP; T; 0NTMR	TP; TM0N<QR
TP; TU0NQQR	TP; TT0NPSR	TP; TQ0QQTR	TP; TN0N; : R
TP; Q<0QUUR	TP; QS0NQNR	TP; QQ0NTNR	TP; QN0N: UR
TP; QP0QPQR	TP; N; 0N<QR	TP; N<0P<UR	TP; N: 0QQNR
TP; NM0N; NR	TP; NU0P: ; R	TP; NQ0P<NR	TP; NN0N<: R
TP; P; 0QN: R	TP; P<0P: : R	TP; P: 0QQPR	TP; PT0NP<R
TP; PQ0N<UR	TP; PN0P: UR	TP; PP0NT: R	TP<; ; 0P; PR
TP<; <0N<<R	TP<; : 0P<; R	TP<; T0QUMR	TP<; Q0N: <R
TP<; N0P: PR	TP<<M0Q<MR	TP<<S0NTUR	TP<<U0NS; R
TP<<T0QN; R	TP<<Q0QSPR	TP<<N0NNQR	TP<<P0QMNR
TP<; : 0NMMR	TP<; <0NM<R	TP<; M0<; ; MR	TP<; S0Q; MR
TP<; U0QUSR	TP<; Q0TPUR	TP<; N0N: SR	TP<; P0NNNR

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

NR

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -./01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G'1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*"+, &-'\*". "#&"/'0'1"2-'3"4/"5, 6. +76&+(7"869';;<<

| \*! 55'B=!=| =B='AD! DWDH=8'GEHH5A5'EF'5BA?B55! ?BA'WEH5BGC5! ! |

O/672-J'5%'2&/ (7+2#'=7K'G(. . \$7+26&+(7'574+7"/+74

L=L5! 'L=\*\*

SPP:<

= 0 3 5 A C

SPP::

F A C

SPP:M

O G 3 5 F A C

SPP:U

= 0 5 F A C

SPP:N

O 5 F A C

SPPM;

= 5 A C

SPPM<

= 0 3 5 F A C

TP;::

= 0 G 5 F A C

TP;:S

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TP;:U

= 0 G 5 A C

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= 5 A C

TP;:Q

= G 5 F A C

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= 0 3 5 C

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= 5 A C

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!"#!#\$!""

%&'()\*+, -. /0\*1+ . &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

0!

?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C; ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

| \*! 55'B=! =I =B='AD! DWDH=8'GEHH5A5'EF'5BA?B55! ?BA'WEH5BGC5! ! I |

O/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''' /+74

L=L5! 'L=\*\*

TP;Q:

3 5 C

TP;QM

3 5 F A C

TP;QU

5 C

TP;QT

= G 3 5 F A C

TP;NS

3 5 C

TP;NT

= O 3 5 F A C

TP;NP

3 5 F A C

TP;PM

= G 3 5 F A C

TP;PS

3 5 C

TP;PU

= O 3 5 F A C

TP<;M

= 5 A C

TP<;U

= O G 3 5 A C

TP<;P

= O G 3 5 A C

TP<<;

= O G 3 5 F C

TP<<<

= O 3 5 F C

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!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+! ""

0\$

?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

\*! 55'B=! =I =B='AD! DWDH=8'GEHH5A5'EF'5BA?B55! ?BA'WEH5BGC5! ! I |

O/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''/+74

L=L5! 'L=\*\*

TP<:I

= F A C

TP<M;

A C

TP<M<

= 0 3 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

0L

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0&1 234/5,6. +76&+(7'869';;<<

\*=?B1A?1\*GEHH5A5'EF'5BA?B55! ?BA'L=1C=8D11E8'W18

Q/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''/+/74

\*585\*15! 'L=\*\*

Q<QP<0NTTR	Q<QPM0NNQR	Q<QPU0NN: R	Q<QPT0NNPR
Q<QPQ0NN: R	Q<QPP0P: QR	Q<N; <0NQNR	Q<N; M0P: UR
Q<N; S0QQQR	Q<N; U0QU<R	Q<N; T0PNMR	Q<N; Q0QT; R
Q<N; N0<; <; R	Q<N; P0NQTR	Q<N<; 0P: TR	Q<N<M0QU; R
Q<N<S0NTUR	Q<N<U0<; ; TR	Q<N<T0NTTR	Q<N<Q0PUSR
Q<N<N0NQNR	Q<N<P0NTSR	Q<N: ; 0NT: R	Q<N: : 0NNTR
Q<N: M0QTUR	Q<N: S0PSSR	Q<N: U0TPSR	Q<N: T0NQTR
Q<N: Q0NNNR	Q<N: N0P; TR	Q<N: P0P: NR	Q<NM<0NNNR
Q<NM: 0PTPR	Q<NMS0NMSR	Q<NMU0N; MR	Q<NMT0NTSR
Q<NMQ0P<<R	Q<NMN0P; ; R	Q<NMP0QSPR	Q<NS; 0N<PR
Q<NS<0NTQR	Q<NS: 0NM: R	Q<NSM0NTMR	Q<NSU0QNSR
Q<NST0NM; R	Q<NSN0NN; R	Q<NSP0N<NR	Q<NU; 0NQUR
Q<NU<0NPMR	Q<NU: 0NU<R	Q<NUM0NQPR	Q<NUS0NMQR
Q<NUU0NSMR	Q<NUTOQNTR		

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

OM

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -./01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

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| \*=?B1A?1\*'GEHH5A5'EF'5BA?B55! ?BA'L=1C=8D11E8'W18 |

O/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''/)+74

L=L5! 'L=\*\*

Q<QPS

= 0 3 5 A C

Q<QPN

O G F C

Q<N;:

= 5 C

Q<N<<

= 0 5 A C

Q<N<:

= 0 G 5 F A C

Q<N:<

= G 3 5 F A C

Q<NM;

= 5 C

Q<NMM

= G 5 F A C

Q<NSS

= G 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

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| ?<2@/) &A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K |



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

! "#\$%&'()\*+,-./\*\$0&123456789:;<<

\*1'>E\*5LC\*"GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI '  
GCEEB3=GC5! ! I 'L=H=

0/672-J'5%'2&/(7+2#'=7K'G( . . \$7+26&+(7'574+7'''/74

\*585\*15! 'L=\*\*

TUNU: 0Q: ; R	TUNUMONT: R	TUNUS0QMNR	TUNUU0QUTR
TUNT; ONN<R	TUNT<ONM<R	TUNT: ON<PR	TUNTMONMMR
TUNTS0QUSR	TUNTU0QNUR	TUNTT0N; : R	TUNTO0QS<R
TUNTNONTPR	TUNTP0Q: ; R	TUNQ<0NUUR	TUNQ: 0QNTR
TUNQMONPNR	TUNQSON; : R	TUNQU0NMTR	TUNQT0QUSR
TUNQ00NM: R	TUNN; 0QQ; R	TUNN<0Q<QR	TUNN: 0PSMR
TUNNM0Q; TR	TUNNSON: TR	TUNNU0P<TR	TUNNT0N; ; R
TUNNQ00Q<R	TUNNN0NN<R	TUNP; ON: UR	TUNP<0NU<R
TUNP: 0QPTR	TUNPS0PTQR	TUNP00NPPR	TUNPN0PU; R
TUNPP0P; MR	TUP; ; 0P; UR	TUP; M0P: ; R	TUP; S0P<: R
TUP; U0NSQR	TUP; T0NSPR	TUP; Q0PMUR	TUP; N0NTNR
TUP; P0QUNR	TUP<; 0P<<R	TUP<M0NUTR	TUP<U0QUMR
TUP<T0Q<MR	TUP<Q0N<PR	TUP<N0NTQR	TUP<P0N: NR
TUP: ; 0NSTR	TUP: <0P: TR	TUP: M0N; <R	TUP: S0PUTR
TUP: U0QNTR	TUP: Q0NQPR	TUP: P0PT: R	TUPM; 0NUUR
TUPM<0PTUR	TUPM: 0NSMR	TUPMM0NS<R	TUPMS0NNSR
TUPMU0NMPR	TUPMTOSSR	TUPMQ0N<MR	TUPMN0NSNR
TUPMP0NUQR	TUPS; 0P; UR	TUPS<0QU; R	TUPS: 0P; TR
TUPSM0PU; R	TUPSS0NNTR	TUPSP0QUMR	TUPU; 0QNPR
TUPU<0TPNR	TUPU: 0PTSR	TUPUM0P<; R	TUPUU0NQSR
TUPUT0NUMR	TUPUQ0P: UR	TUPUN0QNPR	TUPUP0NS; R
TUPT; 0NPUR	TUPT<0QUPR	TUPT: 0NQTR	TUPTM0QP; R
TUPTS0P: : R	TUPTU0NUTR	TUPTQ0QNUR	TUPTN0NP; R
TUPTP0QNNR	TUPQ; 0QPTR	TUPQ<0NMNR	

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00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+ . &2&' \*3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

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?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , - . / 0 1 2 3 4 5 6 + 0' / - 5 0: \* + 7 # ' # 8 E F: 3 & G' 1: + 4 1: C: ; E + = : 1: \* 2: + H: ; A 1 / + I ; / C & 3' / \* > + J < \* \* : > : 2 K



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

! "#\$%&'()\*"+, &- '\*". "#&"/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

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[ \*5LC\*"GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'GCEEB3=GC5! ! | 'L

O/672-J'5%'2&/ (7+2#'=7K'G( . . \$7+26&+(7'574+7''/ +74

L=L5! 'L=\*\*

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!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" OP

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[ ?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C; ; [+ =: 1: \*2: +H: ; A1/1 ; /C&3' />+J <\*: :>: 2K ]



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

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[-\*5LC\*"GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'GCEEB3=GC5! ! | 'L

O/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''' /+74

L=L5! 'L=\*\*

TUPSU

C

TUPST

O 3 5 F A C

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[ ?<2@/) &A+( '/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/| ; /C&3' />+J <\*: :>: 2K ]



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

! "#\$%&'()\*+,-.\* /0'1'2-'3'4/'5,6. +76&+(7'869':;<<

@?\*Z =>| E1?'GEHH5A5'EF'5BAAVY15GCBEHEAI '@=XC=WDH=8

0/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''/+74

\*585\*15! 'L=\*\*

TQ<M<00QQR	TQ<M: 0P<: R	TQ<MM0QPUR	TQ<MS0NPSR
TQ<MU0Q; UR	TQ<MT0NMPR	TQ<MQ0NUPR	TQ<MN0NP: R
TQ<MP0PNMR	TQ<S; 0NQ: R	TQ<S<0NN; R	TQ<SM0NM: R
TQ<SS0PN; R	TQ<SU0P<SR	TQ<SQ0PQ<R	TQ<SN0QQR
TQ<SP0NSQR	TQ<U; 0P; <R	TQ<U<0P; NR	TQ<U: 0PUSR
TQ<UM0NMUR	TQ<US0PS: R	TQ<UU0PMPR	TQ<UT0P<QR
TQ<UQ0NQ; R	TQ<UN0NQ<R	TQ<UP0QQMR	TQ<T; 0<; UUR
TQ<T<0P; QR	TQ<T: 0QT<R	TQ<TM0P<; R	TQ<TS0N: UR
TQ<TU0NM<R	TQ<TT0P<UR	TQ<TQ0NQ<R	TQ<TN0NTTR
TQ<TP0N; <R	TQ<Q<0QPUR	TQ<Q: 0P; <R	TQ<QM0P: PR
TQ<QU0NNTR	TQ<QT0P; PR	TQ<QQ0QT; R	TQ<QN0QNPR
TQ<QP0QS<R	TQ<N; 0QTMR	TQ<N<0P<; R	TQ<N: 0N; PR
TQ<NM0PP; R	TQ<NS0P<NR	TQ<NT0PP<R	TQ<NQ0P: <R
TQ<NN0P; : R	TQ<NP0NS: R	TQ<P; 0NUNR	TQ<P<0QQR
TQ<P: 0PSNR	TQ<PM0QTTR	TQ<PS0N; SR	TQ<PU0N: UR
TQ<PQ0PTQR	TQ: ; ; 0NTTR	TQ: ; <0PNSR	TQ: ; : 0N; MR
TQ: ; 0NUQR	TQ: ; 0SP: TR	TQ: ; U0NM<R	TQ: ; T0NQNR
TQ: ; 0QPUMR	TQ: ; 0NON<QR	TQ: ; 0PNM<R	TQ: <; 0P<PR
TQ: <<0NS; R	TQ: <; 0NS: R	TQ: <M0PMTR	TQ: <S0P; : R
TQ: <U0PMNR	TQ: <T0<; SSR	TQ: <Q0<; ; SR	TQ: <P0NUNR
TQ: ; : 00QQR	TQ: ; : 0QQTR	TQ: ; 0M0NSR	TQ: ; 0S0NM; R
TQ: : 0UNPPR	TQ: : 0T0SPR	TQ: : 0Q0P: MR	TQ: : 0NONM<R
TQ: M; 0NP: R	TQ: M<0P: SR	TQ: M: 0NNUR	TQ: MM0NUNR
TQ: MS0PT: R	TQ: MU0NMPR	TQ: MT0N: QR	TQ: MQ0NNTR
TQ: MN0PU<R	TQ: MP0NMMR	TQ: S; 0NS: R	TQ: S<0TNQR
TQ: S: 0NQNR	TQ: SM0Q<; R	TQ: SS0PP<R	TQ: SU0NM<R
TQ: ST0<; ; PR	TQ: SQ0QUMR	TQ: SN0NPSR	TQ: SP0QN: R
TQ: U; 0NMQR	TQ: U<0N: QR	TQ: U: 0QTPR	TQ: UM0NUPR
TQ: UU0QNTR	TQ: UT0QQ: R		

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!"#!#\$!""

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OR

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7#'#8EF: 3&&G'1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' / \* > + J < \* \* : > : 2K



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

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| @?\*Z =>| E1?'GEHH5A5'EF'5BAAIY15GCBEHEAI '@=XC=WDH=8 |

O/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''/+74

L=L5! 'L=\*\*

TQ<ST

A C

TQ<Q;

= G 3 5 F A C

TQ<QS

= G 3 5 F A C

TQ<NU

= 0 G 3 5 A C

TQ<PT

= 5 A C

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P!

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| ?<2@/) &A+( '/' ; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K |





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

! "#\$%&'()\*+,-./\*\$0&123456789:;<<

\*! 55'B=! =I =B='8=BA=H=8'?B\*1?1D15'EF'\*G?5BG5'=B3'15GCBEHEAI '  
BE! 1C'L=! D!

O/672-J'5%'2&/ (7+2#'=7K'G( . \$7+26&+(7'574+7'''+/74

\*585\*15! 'L=\*\*

UMMT<0NTTR	UMMT: 0QQSR	UMMTMOP<; R	UMMTS0QQQR
Q; ; ; <0QNSR	Q; ; ; SONMQR	Q; ; ; Q0QQSR	Q; ; ; N0PSNR
Q; ; ; P0N: MR	Q; ; <; 0P: NR	Q; ; <<0Q<MR	Q; ; <; 0QTMR
Q; ; <S0NTMR	Q; ; <U0NUNR	Q; ; <T0PUSR	Q; ; <P0QQMR
Q; ; ; ; 0<; ; <R	Q; ; ; <0PMNR	Q; ; ; : 0QPUR	Q; ; ; S0NNPR
Q; ; ; Q0QP; R	Q; ; ; P0NT<R	Q; ; M; 0P; NR	Q; ; M<0QS<R
Q; ; MM0NM; R	Q; ; MN0N: QR	Q; ; MP0N: SR	Q; ; S; 0QMQR
Q; ; S<0P; SR	Q; ; S: 0N; <R	Q; ; SM0NP; R	Q; ; SU0NM<R
Q; ; SP0NS: R	Q; ; U; 0NSPR	Q; ; T; 0QNNR	

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%&'()\*+, -. /0\*1+. &2&'\*&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

P"

?<2@/) &A+( '/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , - . / 0 1 / 2 / 3 ) 4 5 / 6 + 0' / - 5 0: \* +  
7 #' # 8 EF: 3&&G' 1: +41: C: ; E+=: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K



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

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

β = ! = | = B = ' 8 = BA = H = 8 ? B \* 1 ? 1 D 1 5 ' E F ' \* G ? 5 B G 5 ' = B 3 ' 1 5 G C B E H E A I ' B E ! 1 C ' |

O / 6 7 2 - J ' 5 % ' 2 & / ( 7 + 2 # ' = 7 K ' G ( . . \$ 7 + 2 6 & + ( 7 ' 5 7 4 + 7 " " / + 7 4

L = L 5 ! ' L = \* \*

UMMTU

= G 5 F A C

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Q;:::

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Q;:::T

5 F A C

Q;::<N

= 0 G 5 F A C

Q;:::M

0 3 5 C

Q;:::U

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Q;:::T

= 0 G 3 5 F A

Q;:::N

= 0 5 F A

Q;:MS

= 5 F C

Q;:MU

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P\$

?<2@/) & A + ( ' / ; 8 + \* 1 & + ! " # \$ % # & ' + ' < - \* B : 3 & + A & C & ) < @ & A + D > + ( ) \* + , - . / 0 1 / 2 / 3 ) 4 5 / 6 + 0 ' / - 5 0 : \* + 7 # ' # 8 E F : 3 & & G ' 1 : + 4 1 : C ; [ + = : 1 : \* 2 : + H : ; A 1 / + I ; / C & 3 ' / \* > + J < \* \* : > : 2 K



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

! "#\$%&'()\*+,-.\*/0123456789:;<<

β=! =I =B='8=BA=H=8'?B\*1?1D15'EF'\*G?5BG5'=B3'15GCBEHEAI 'BE! 1C'Il

O/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''' /+74

L=L5! 'L=\*\*

Q; ; ST

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?<2@/) &A+(' /; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\*/0123456789:;<<

DB?@5! \*?1I 'GEHH5A5'EF'5BA?B55! ?BA['1CE3DLDXC=

O/672-J'5%"2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7"/+74

\*585\*15! 'L=\*\*

<UU; T0QPMR	<UU; Q0P: ; R	T: UTP0NT; R	T: UQ; 0QS; R
T: UQ; 0NP; R	T: UQMOQUTR	T: UQSONUMR	T: UQU0NMTR
T: UQT0P; <R	T: UQQ0P; TR	T: UQP0NUNR	T: UN: 0QNPR
T: UNMONS<R	T: UNS0QNTR	T: UNU0NP: R	T: UNQ0NS: R
T: UNNONN; R	T: UNP0QNQR	T: UP; 0N: NR	T: UP<0NS; R
T: UP: 0N; PR	T: UPM0QPMR	T: UPS0NQQR	T: UPU0P; : R
T: UPT0NM<R	T: UPQ0NUMR	T: UPN0Q; UR	T: UPP0P; NR
T: T; ; 0PSSR	T: T; ; 0NP<R	T: T; M0QUTR	T: T; S0NNPR
T: T; U0NMQR	T: T; T0NMNR	T: T; N0QPPR	T: T<; 0P: SR
T: T<<0NN: R	T: T<M0P: <R	T: T<S0QTMR	T: T<U0QPSR
T: T<T0QNMR	T: T<Q0NTMR	T: T<P0NQ<R	T: T: <0N: QR
T: T: : 0NTQR	T: T: S0P<PR	T: T: U0QSUR	T: T: Q0QNPR
T: TM; 0P<MR	T: TM<0QMPR		

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

PM

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*"+, &- '\*". "#&'/'0'1'2-'3'4/'""5, 6. +76&+(7'869':;<<

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| DB?@5! \*?1I 'GEHH5A5'EF'5BA?B55! ?BA[1CE3DLDXC= |

0/672-J'5%'2&/(7+2#'=7K'G(. . \$7+26&+(7'574+7''' /+74

L=L5! 'L=\*\*

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0 3 5 F A C

T: UTQ

0 G 3 5 F C

T: UTN

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7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

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| ?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+() \*+, -. /01/2/3)45/6+0' /-50: \*+ |  
| 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K |



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

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DB?@5! \*?1I 'GEHH5A5'EF'5BA?B55! ?BA[ '1CE3DLDXC=  
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O/672-J'5%'2&/ (7+2# '= 7K'G( . . \$7+26&+ (7'574+7''' /+74

L=L5! 'L=\*\*

T:T:T  
=    3    5    F    A    C

T:T:N  
5    A    C

T:T:P  
=    0    G    5    A    C

T:TM:  
=    3    5    A    C

%109:33;

0000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0# \$-5:6-+:)6;

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! " # ' ! # \$ ! ' ' ' '                      % & ' ( ) \* + , - . / 0 \* 1 + . & 2 & ' \* & 3 + 4 + 5 & 6 1 + 7 & 8 3 & & + 9 0 : 2 / ; : \* / < ; + = : > + \$ ! ' ' ' '                      P0  
-----  
? < 2 @ / ) & A + ( ' / ; 8 \* 1 & + ! " # \$ % # & ' + ' < - \* B : 3 & + A & C & ) < @ & A + D > + ( ) \* + , - . / 0 1 / 2 / 3 ) 4 5 / 6 + 0 ' / - 5 0 : \* +  
7 # ' # 8 E F : 3 & & G ' 1 : + 4 1 : C ; [ + = : 1 : \* 2 : + H ; ; A 1 / I ; / C & 3 ' / \* > + J < \* \* : > : 2 K  
-----



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

! "#\$%&' ()\*+, &- '\*". "#&"/'0'1'2-'3'4/'5,6. +7&+(7'869':;<<

%109:33;

00000000000000000000000000000000 (<=  
7)6+.)33/. 0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&6+7&83&&+90: 2/; :\*/<; += : >+\$! ""

PP

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+  
7# ' #8E\F: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/I ; /C&3' /' >+J <\*: : >: 2K



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

! "#\$%&'()\*+,-.\* /0'1'2-'3'4/'5,6. +76&+(7'869':;<<

[ ! =>?'@'A=B3C?'?B\*1?1D15'EF'15GCBEHEAI '@5HHEE!

0/672-J'G+K+%574+7'''/74

\*585\*15! 'L=\*\*

: MN; <0P; P0	: MN; R0S; T0	RMN; <0STP0	RMN; M0PMU0
RMN; U0T: <0	RMN; N0P: N0	RMN; R0S<; 0	RMN; T0S; P0
RMN; S0S<; 0	RMN<; 0PST0	RMN<M0TRS0	RMN<U0SS<0
RMN<N0TTN0	RMN<R0TTM0	RMN<S0S: M0	RMN<P0S; <0
RMN: ; 0S: : 0	RMN: <0TUP0	RMN: : 0SSM0	RMN: M0TT<0
RMN: U0TNT0	RMN: R0PM; 0	RMN: T0SR: 0	RMNM; 0TTS0
RMNM<0SRT0	RMNMM0S; M0	RMNMU0SMN0	RMNMN0TTU0
RMNMT0S: ; 0	RMNMS0PMU0	RMNMP0P<P0	RMNU<0PRT0
RMNUM0TRP0	RMNUU0STU0	RMNUN0TRU0	RMNUR0S<<0
RMNUP0SUT0	RMNN; 0TTU0	RMNN<0PUS0	RMNN: 0SST0
RMNNM0<; : S0	RMNNN0<; RU0	RMNNR0TRT0	RMNNT0<; : M0
RMNNS0PTU0	RMNNP0P; <0	RMNR; 0SNM0	RMNR: 0SUT0
RMNRU0ST<0	RMNRN0SNR0	T; NT; 0PRN0	T<NN: 0<; M; 0

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

[ ?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*"+, &- '\*". "#&"/'0'1"2-'3"4/'5,6. +76&+(7"869':;<<

! =>?'A=B3C?'B\*1?1D15'EF'15GCBEHEAI '@5HHEE!

L=L5! 'L=\*\* 0/672-J'G+K+% '574+7''' /+74

:MN;:  
O G F A C  
:MN;M  
O G 3 5 F A C  
:MN;U  
= O G F A C  
:MN;N  
= O G 3 F A C  
RMN;P  
= F A C  
RMN<:  
= G 5 F A C  
RMN<T  
= G 3 5 F A C  
RMN: N  
= G 3 F A C  
RMN: S  
= G 5 F A C  
RMN: P  
G 5 F A C  
RMNM:  
G 5 F A C  
RMNMR  
G C  
RMNU:  
= 3 F A C  
RMNU:  
A C  
RMNUT  
A C  
RMNUS  
= A C  
%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" \$

?<2@/) &A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G'1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-'\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

! =>?'@'A=B3C?'?B\*1?1D15'EF'15GCBEHEAI '@5HHEE!

L=L5! 'L=\*\*

0/672-J'G+K+%574+7""/+74

RMNNU

5 A C

RMNRM

= O G 5 F A C

RMNRR

= G 3 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+:)6;

!""!#\$!""

%&'()\*+, -. /0\*1+. &2&\*'&3+4+5&61+7&83&&+90: 2/; :\*/\*; +=: >+\$! ""

L

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' +'-\*B: 3&+A&C&<@&A+D>+()\*+,\*-, ./01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/| ; /C&3' />+J <\*: .>: 2K



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

! "#\$%&'()\*+,-./\*0123456789:;<=>

8=! '=1C=B=\*?D\*'5BA?B55! ?BA'GEHH5A5'VE1C=8=BA=H=8

0/672-J'G+K+%574+7'''/74

\*585\*15! 'L=\*\*

R<N; <0SN; Q	R<N; : 0SS: Q	R<N; M0SRSQ	R<N; T0TNSQ
R<N; S0TURQ	R<N<<0TPNQ	R<N<: 0PMPQ	R<N<M0PU: Q
R<N<U0SNNQ	R<N<N0S: ; Q	R<N<R0TMTQ	R<N<T0S<; Q
R<N<P0PRRQ	R<N: <0P: NQ	R<N: : 0TUTQ	R<N: M0PM: Q
R<N: U0P<; Q	R<N: N0PU; Q	R<N: R0P; UQ	R<N: T0SN; Q
R<N: S0TMRQ	R<N: P0TP; Q	R<NM: 0TMNQ	R<NMM0TPNQ
R<NMU0<; <NQ	R<NMN0TS: Q	R<NMT0ST<Q	R<NMS0SRSQ
R<NMP0<; <UQ	R<NU; 0SU; Q	R<NU<0SMNQ	R<NU: 0TRPQ
R<NUM0S: SQ	R<NUN0TU<Q	R<NUR0TN; Q	R<NUT0S; NQ
R<NUS0SSNQ	R<NUP0RPTQ	R<NN<0SMPQ	R<NN: 0SPRQ
R<NNM0P<MQ	R<NNU0SUPQ	R<NNN0P; UQ	R<NR; 0TUMQ
R<NR<0TNNQ	R<NR: 0S; NQ	R<NRR0STPQ	R<NRT0T<PQ
R<NRS0PPUQ	R<NTU0SRTQ	R<NTN0P; ; Q	R<NTR0P<RQ
R<NTS0TT: Q	R<NTP0PMNQ	R<NS; 0TU: Q	R<NS<0T: MQ
R<NS: 0RPPQ	R<NSM0PR; Q	R<NSN0PN: Q	R<NSR0SRPQ
R<NST0TUPQ	R<NSS0TRSQ	R<NSP0PTNQ	R<NP; 0S; : Q
R<NP: 0PUMQ	R<NPN0PMSQ	R<NPT0TMUQ	R<NPS0SN<Q
R<NPP0P<RQ	R<R; ; 0PR; Q	R<R; <0ST: Q	R<R; M0P<TQ
R<R; U0TPRQ	R<R; N0SMPQ	R<R; T0P<; Q	R<R; S0P: UQ
R<R; P0SPNQ	R<R<; 0S; NQ	R<R<M0PRSQ	R<R<U0SURQ
R<R<N0<; : : Q	R<R<R0P: <Q	R<PTS0TP<Q	R<PTP0TP: Q
R<PSM0SNPQ	R<PSN0S: SQ	R<PST0SSSQ	R<PSS0S<TQ
R<PSP0SNSQ			

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&' \*3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

M

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K



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

! "\$%&'()\*"+, &- '\*". "#&'/'0'1'2-'3'4/'5, 6. +76&+(7''869': ; <<

-----  
8=! '=1C=B=\*?D\*'5BA?B55! ?BA'GEHH5A5'VE1C=8=BA=H=8  
-----

L=L5! 'L=\*\*      0/672-J'G+K+% '574+7''' /+74

R<N;U

=

R<N;N

= G    3    A    C

R<N;R

= O    G    3    5    F    A

R<N;P

= 3    5    F    A    C

R<N;<

= G    A    C

R<N<S

= O    G    5    F    C

R<N:;

= O    G    5    F    C

R<NM;

= O    G    3    5    F    A

R<NM<

O    G    F    C

R<NMR

C

R<NUU

G

R<NN;

= O    G    3    5    F    C

R<NNR

= O    G    3    5    F    A

R<NNT

= G    3    5    F    A    C

R<NNP

= O    G    5    F    A    C

R<NRM

= G    3    5    F    A

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$\$-5:6-+ :)6;

! "#" !# \$! ""

%&'()\*+, -. /0\*1+. &2&'\*&3+4+5&61+7&83&&+90: 2/ ; \* / < ; += : > + \$ ! ""

N

-----  
?<2@!)&A+(!/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+() \*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :> : 2K  
-----



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

8=! '=1C=B=\*?D\*'5BA?B55! ?BA'GEHH5A5'VE1C=8=BA=H=8

0/672-J'G+K+%574+7'''/74

L=L5! 'L=\*\*

R<NRU

= 0 G 3 5 F C

R<NRN

= 0 G 3 5 F

R<NRP

= G 3 5 F

R<NT;

= 0 A

R<NT<

= 5 F A C

R<NT:

= G 5 F A C

R<NTM

= 0 G 3 5 A C

R<NTT

= G 3 5 F A C

R<NSU

= 0 5 F A C

R<NP<

= 0 G 3 A C

R<NPM

= 0 G 5 F C

R<NPR

= G 3 5 F C

R<R;:

= 0 G 3 5 F A

R<R;R

= 0 G 3 5 F A

R<R<<

= 0 A

R<R<:

= 0 G 3 5

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -./0\*1+. &2&\*'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

0

?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#'#8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

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

8=! '=1C=B=\*?D\*5BA?B55! ?BA'GEHH5A5'VE1C=8=BA=H=8

0/672-J'G+K+%574+7""/+74

L=L5! 'L=\*\*

R<R<T

=

R<R<S

= O G 3 5 F A

R<PTT

= O G 5 F A C

R<PS<

= G 5 F A C

R<PS:

= G 3 F A C

R<PSU

= O G F A C

R<PSR

= O G F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

P

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

=8=H>I E1C?'5BA?B55! ?BA"GEHH5A5'VEE@=LL=HHI 'V=B>?! =L=HHI

0/672-J'G+K+%574+7''''/74

\*585\*15! 'L=\*\*

RRN; <0P; R0	RRN; U0PUM0	RRN; N0SNU0	RRN; R0S<U0
RRN; T0S<; 0	RRN; S0PNU0	RRN; P0SS: 0	RRN<<0SP: 0
RRN<; 0SSS0	RRN<M0P: P0	RRN<N0TT: 0	RRN<R0T; ; 0
RRN<T0SS: 0	RRN<P0SS; 0	RRN: ; 0SPU0	RRN: <0ST: 0
RRN: M0S: P0	RRN: U0SMM0	RRN: N0STR0	RRN: R0T: ; 0
RRN: T0<; NN0	RRN: S0S<<0	RRN: P0S: M0	RRNM; 0ST: 0
RRNM<0SMU0	RRNM: 0TRN0	RRNMU0SMT0	RRNMN0SS; 0
RRNMR0TN<0	RRNMT0TR; 0	RRNU; 0S<<0	RRNU<0SRR0
RRNUM0P: <0	RRNUN0TPT0	RRNUT0S<M0	RRNUS0P<R0
RRNUP0<; ; 0	RRNN; 0S; ; 0	RRNN<0STU0	RRNN: 0SNT0
RRNNM0SSP0	RRNNU0SRM0	RRNNN0SMU0	RRNNS0<; MT0
RRNNP0PNR0	RRNR<0P; P0	RRNR: 0PTR0	

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

Q

?<2@/) &A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+,-\*". "#&/'0'1'2-'3'4/'5,6. +7&+(7'869';;<<

-----  
=8=H>I E1C?'5BA?B55! ?BA"GEHH5A5'VEE@=LL=HHI 'V=B>?! =L=HHI

L=L5! 'L=\*\*      O/672-J'G+K+%574+7''/'+74

RRN; :  
O    3    5    A    C

RRN; M  
=    0    G    3    5    A    C

RRN<;  
=    0    5    F    A    C

RRN<U  
=    0    G    3    F    A    C

RRN<S  
=    0    G    F    A    C

RRN: :  
=    0    G    3    F    A    C

RRNMM  
=    0    G    3    F    A    C

RRNMS  
=    G    F    A    C

RRNMP  
=    G    3    5    F    A    C

RRNU:  
=    5    F    A    C

RRNUU  
F    A    C

RRNUR  
=    3    5    A    C

RRNNR  
=    G    5    F    A    C

RRNNT  
=    0    G    5    F    A    C

RRNR;  
C

%109:33;

000000000000000000000000 (<=  
7)6+. )33/ . 0)\*0# \$ -5:6-+:)6;

! "#! # \$! ""

%&'()\*+,-./0\*1+. &2&\*'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+! ""

R

-----  
| ?<2@/) &A+ ('/; 8+1&+! "#\$%#&'+'<-\*B:3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+  
7# ' #8EF:3&&G'1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

G==! 85H'5BA?B55! ?BA'GEHH5A5'L5! ?B=3D! =BB?

0/672-J'G+K+%574+7'''/74

\*585\*15! 'L=\*\*

RPTSU0PUUQ	RPTSR0S; NQ	RPTPS0S<; Q	RPS; M0SS; Q
RPS; U0S; SQ	RPS<M0SN<Q	RPS<N0S; ; Q	RPS<S0SU; Q
RPS<P0P; UQ	RPS: R0TSN0	RPS: P0SP: Q	RPSM; 0SPM0
RPSM: 0TPTQ	RPSMR0S: UQ	RPSMT0SP; Q	RPSU: 0PM<Q
RPSUM0SSM0			

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" "!

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

G==! 85H'5BA?B55! ?BA'GEHH5A5'L5! ?B=3D'! =BB?

L=L5! 'L=\*\* O/672-J'G+K+%574+7'''/74

RPTS<  
= O G F A C

RPTS:  
O F A C

RPTSN  
F A

RPTST  
= F A C

RPTSS  
F C

RPTSP  
= O F A C

RPTP:  
= O F A C

RPTP<  
O G 5 F A C

RPTP:  
= O G F A C

RPTPM  
G F A C

RPTPU  
= O A C

RPTPN  
= O G 5 F A C

RPTPR  
C

RPTPP  
= O G F A C

RPS;;  
= F A C

RPS;<  
= O G F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+ . &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+\$! "" ""

?<2@/) &A+(' /; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: : >: 2K



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

! "#\$%&'()\*+,-.\* /0123456. +76&+(7"869';;<<

G==! 85H'5BA?B55! ?BA'GEHH5A5'L5! ?B=3D'! =BB?

0/672-J'G+K+%574+7""/74

L=L5! 'L=\*\*

RPS;N

= F A C

RPS;I

F A C

RPS;S

A C

RPS;P

A C

RPS<;

O F A C

RPS<<

A C

RPS<:

= O G 3 F A C

RPS<U

G F A C

RPS<R

O A C

RPS<T

O F A C

RPS:;

F A C

RPS:<

O G 3 5 F A C

RPS::

F A C

RPS:U

= O 5 F A C

RPS:T

= O G 3 F A C

RPS:S

= O F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+ . &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

"\$

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0&1 23456. +76&+(7"869';;<<

G==! 85H'5BA?B55! ?BA'GEHH5A5'L5! ?B=3D'! =BB?

0/672-J'G+K+%574+7""/74

L=L5! 'L=\*\*

RPSM<

A

RPSMM

A C

RPSMU

= A C

RPSMN

F A C

RPSMS

A C

RPSMP

= O G 5 F A C

RPSU;

O F A C

RPSU<

= O G 5 F A C

RPSUN

= F A C

RPSUR

O A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

"L

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/! ; /C&3' />+J <\*: :>: 2K



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

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

?H=C?='GEHH5A5'EF''5BA?B55! ?BA'=B3''15GCBEHEAI '8DH=@EE! '  
8EE@=11DLDWC=

O/672-J'G+K+%574+7'''+/74

\*585\*15! 'L=\*\*

T: ; ; < 0TP: Q	T: ; ; ; 0< ; < NQ	T: ; ; ; TOP; TQ	T: ; ; ; SOSN<Q
T: ; ; ; POSNTQ	T: ; ; ; 0TNUQ	T: ; ; ; <MOT<RQ	T: ; ; ; <N0TTTQ
T: ; ; ; <SOP; MQ	T: ; ; ; <OS<MQ	T: ; ; ; 0SNUQ	T: ; ; ; M0SMSQ
T: ; ; ; UOP: MQ	T: ; ; ; R0TRPQ	T: ; ; ; TOPP<Q	T: ; ; ; M; 0T<TQ
T: ; ; ; M<0SPSQ	T: ; ; ; M: 0SM: Q	T: ; ; ; MU0SS; Q	T: ; ; ; MN0PURQ
T: ; ; ; MR0TRRQ	T: ; ; ; MS0TNPQ	T: ; ; ; MP0SM; Q	T: ; ; ; U; 0PURQ
T: ; ; ; U: 0PNTQ	T: ; ; ; UM0PNTQ	T: ; ; ; UU0SP; Q	T: ; ; ; UT0PUMQ
T: ; ; ; UPOS<UQ	T: ; ; ; N<0<; ; UQ	T: ; ; ; N: 0TTPQ	T: ; ; ; NN0SMNQ
T: ; ; ; NR0TSSQ	T: ; ; ; NS0SNTQ	T: ; ; ; R; 0SMMQ	T: ; ; ; R<0SRTQ
T: ; ; ; RM0SMRQ	T: ; ; ; RU0TRRQ	T: ; ; ; RR0S; PQ	T: ; ; ; RS0TU<Q
T: ; ; ; RP0T: <Q	T: ; ; ; T; 0PU: Q		

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

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

"M

?<2@/) & A + ( ' / ; 8 + \* 1 & + ! "#\$%#&' + ' < - \* B : 3 & + A & C & ) < @ & A + D > + ( ) \* + , - . / 0 1 / 2 / 3 ) 4 5 / 6 + 0 ' / - 5 0 : \* +  
7 # ' # 8 E F : 3 & & G ' 1 : + 4 1 : C : ; E + = : 1 : \* 2 : + H : ; A 1 / + I ; / C & 3 ' / \* > + J < \* \* : > : 2 K



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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

-----  
?H=C?='GEHH5A5'EF'5BA?B55! ?BA'=B3''15GCBEHEAI '8DH=@EE! '  
8EE@=11DLDWC=  
-----

0/672-J'G+K+%574+7'''+/74

L=L5! 'L=\*\*

T::;M

3 F C

T::;U

0 G 3 5 F A C

T::;N

= 0 G 3 5 A C

T::;R

F A C

T::;<<

A C

T::;<:

= 0 3 F A C

T::;<U

A C

T::;<R

= 0 3 F A C

T::;<P

= 0 G 3 5 A C

T::;:

= 0 G F A C

T::;N

= 0 A C

T::;S

= 0 5 A C

T::;P

= 0 F A C

T::;MM

C

T::;MT

= 0 3 F A C

T::;U<

= 0 3 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+:)6;

-----  
!"#!\$!"" "%'()\*+, -. /0\*1+ .&2\*3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+! "" "N

-----  
?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K  
-----



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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

?H=C?='GEHH5A5'EF'5BA?B55! ?BA'=B3"15GCBEHEAI '8DH=@EE! '  
8EE@=11DLWC=

L=L5! 'L=\*\*

0/672-J'G+K+%574+7"/+74

T:;UN

C

T:;UR

= O A C

T:;US

O G 3 5 F A C

T:;N;

= O 3 F A C

T:;NM

= O G F A C

T:;NU

= O 5 F A C

T:;NT

C

T:;NP

= F C

T:;R:

= O G 3 F A C

T:;RN

O G 3 F A C

T:;RT

O G 3 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -./0\*1+. &2&\*'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

"0

?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0&1 23456. +76&+(7"869':;<<

V85='5BA?B55! ?BA'GEHH5A5'53=1C=H='=HD@=

0/672-J'G+K+%574+7'''/74

\*585\*15! 'L=\*\*

: RPT<S0TRM0	: RPT: <0S; U0	: RPT: : 0SNR0	TMM; U0S<N0
TMM; P0SU<0	TMM<: 0PR; 0	TMM<U0S<: 0	TMM: <0PTN0
TMM: R0SNT0	TMM: P0TMP0	TMMM<0SN: 0	TMMMM0SM; 0
TMMMU0SP<0	TMMMR0PUP0	TMMMT0TU<0	TMMMS0SUR0
TMMU: 0<; ; P0	TMMUU0STM0	TMMUR0SSR0	TMMUT0P<<0
TMMUS0SNS0	TMMUP0PPM0	TMMN; 0SRU0	TMMN: 0SMP0
TMMNM0SR: 0	TMMNT0SNN0	TMMNP0PR<0	TMMR<0SP; 0
TMMRM0PR; 0	TMMRU0P; S0		

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

"P

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

V85='5BA?B55! ?BA\GEHH5A5'53=1C=H='=HD@=

0/672-J'G+K+%574+7''''/+74

L=L5! 'L=\*\*

:RPT<P

= 0 G 5 F A C

TMM;<

= 0 5 F C

TMM;:

= 0 G 3 F A C

TMM;M

= 0 G 3 C

TMM;N

= 0 G 5 A C

TMM;R

= 0 5 F C

TMM<<

C

TMM<M

= 0 G 5 F C

TMM<N

= G 5 A C

TMM<R

= 0 G 5 A C

TMM<I

= 0 5 A C

TMM<S

= 0 G 3 5 A C

TMM<P

= 0 5 F C

TMM;:

= 0 F A C

TMM;:

0 G 5 C

TMM;M

= 0 3 F C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+;)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+! "" "Q

?<2@/) &A+('/; 8+1&+! "#\$%#&' +! <-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0&1 23456. +76&+(7"869':;<<

V85='5BA?B55! ?BA\GEHH5A5'53=1C=H='=HD@=

0/672-J'G+K+%574+7""/74

L=L5! 'L=\*\*

TMM: U

= G 3 5 F A C

TMM: I

A C

TMMM;

= 5 F A C

TMMM:

C

TMMMN

= 0 G F C

TMMMP

= 0 G 5 F A C

TMMU;

0 G 5 F C

TMMU<

= 0

TMMUM

= 0 G 5 F A C

TMMUN

= 0 G F C

TMMN<

= 0 3 5 F A C

TMMNU

= 0 G 3 A C

TMMNN

= 0 3 F A C

TMMNR

= 0 G 3 F A C

TMMNS

= 0 G F C

TMMR;

= 0 G F C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

"R

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

V85='5BA?B55! ?BA\GEHH5A5'53=1C=H='=HD@=

L=L5! 'L=\*\* 0/672-J'G+K+%574+7'''+/74

TMMR:

= 0 G 3 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" \$!

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0&1 23456. +76&+(7"869';;<<

8D\*=H?='GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'VD80=WC='  
L=1C=B=81C?11=

0/672-J'G+K+%574+7"/+74

\*585\*15! 'L=\*\*

T<; ; ROPRUQ	T<; <; 0PNMQ	T<; <N0S: NQ	T<; <R0SR; Q
T<; <T0SN; Q	T<; <S0SRNQ	T<; : MOT; ; Q	T<; : U0P<RQ
T<; : N0PSNQ	T<; : R0SMTQ	T<; : T0PRRQ	T<; M; 0SU; Q
T<; M: 0TMSQ	T<; MU0TR; Q	T<; MN0TN: Q	T<; MR0SRTQ
T<; MPOSSMQ	T<; U<0PPNQ	T<; U: 0P; MQ	T<; UM0PN<Q
T<; UT0P<NQ	T<; US0PMNQ	T<; N<0SSUQ	T<; NU0S<SQ
T<; R<0TTPQ	T<; RU0TUTQ	T<; RN0SR; Q	

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" \$"

?<2@/) &A+(' /; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\*. "#&'0'1'2-'3'4/'5,6. +7&+(7'869':;<<

8D\*=H?!='GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'VD80=WC='  
L=1C=B=81C?11=

0/672-J'G+K+% '574+7''' /+74

L=L5! 'L=\*\*

I<;;<

= 0 G A C

I<;;

= 0 G A C

I<;M

G F A C

I<;U

G A C

I<;N

A C

I<;I

= 0 G F A C

I<;S

= 0 G 5 F A C

I<;P

F

I<;<<

G F A C

I<;<

= 0 F A

I<;<M

= G A C

I<;<U

= 0 G F A C

I<;<P

G F A

I<;;

= F A C

I<;;<

C

I<;;

0 G 3 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!"

%&'()\*+, -./0\*1+ .&2&'\*&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$\$

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -./01/2/3)45/6+0' /-50: \*+ 7#'#8EF: 3&&G'1: +41: C; [+=: 1: \*2: +H: ; A1/+ /; /C&3' />+J <\*: .>: 2K



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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

8D\*=H?='GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'VD80=WC='  
L=1C=B=81C?11=

0/672-J'G+K+%574+7'''+/74

L=L5! 'L=\*\*

T<;:S

= 0 G 3 F A

T<;:P

= 0 G 3 A C

T<;M<

A C

T<;MM

= 0 G 3 5 F C

T<;MT

0 A C

T<;MS

= 0 G F A C

T<;U;

= 0 G 3 F A C

T<;UU

= 0 3 F

T<;UN

0 F A C

T<;UR

0 G F A C

T<;UP

= 0 G 3 F A C

T<;N:

= 0 G F A

T<;NM

= 3 A C

T<;NN

0 A C

T<;NR

= 0 G F A C

T<;NT

= G F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$L

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; E+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0&1 23456. +76&+(7"869':;<<

8D\*=H?='GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'VD80=WC='  
L=1C=B=81C?11=

O/672-J'G+K+%574+7"/+74  
L=L5! 'L=\*\*

T<;NS

O F A

T<;NP

= O G 3 F A C

T<;R;

G F A

T<;R:

= O G 5 A C

T<;RM

= O G 3 A C

T<MNM

= O F A C

T<MNU

F A C

T<MNN

= O G F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+ .&2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$M

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\* /0'1"2-'3"4/'5,6. +76&+(7"869';;<<

\*G8\*\*GCEEH'EF'5BAA'Y'15GCBEHEAI 'V=! DVD11I

O/672-J'G+K+%574+7"/+74

\*585\*15! 'L=\*\*

T; NR; 0P: NQ	T; NR<0P; ; Q	T; NRU0P<RQ	T; NRR0SNNQ
T; NRT0RRUQ	T; NRS0<; NUQ	T; NRP0<; <RQ	T; NT<0TU: Q
T; NTU0TPMQ	T; NTR0ST: Q	T; NTS0T<MQ	T; NTP0PUPQ
T; NS; 0PRNQ	T; NS<0PSTQ	T; NS: 0PM<Q	T; NSM0RPPQ
T; NSU0P; NQ	T; NSN0TUSQ	T; NSR0<; ; <Q	T; NST0<; ; UQ
T; NSS0PU: Q	T; NSP0PP; Q	T; NP; 0TNRQ	T; NP<0TMPQ
T; NP: 0SUMQ	T; NPM0P: ; Q	T; NPU0TPMQ	T; NPN0RPUQ
T; NPR0SR<Q	T; NPT0PRRQ	T; NPS0TT<Q	T; NPP0RSNQ
T; R; ; 0TR<Q	T; R; <0TTUQ	T; R; : 0SR; Q	T; R; M0SPUQ
T; R; U0SNMQ	T; R; N0S: UQ	T; R; T0PMTQ	T; R; S0<; : : Q
T; R; P0SRSQ	T; R<; 0PUUQ	T; R<<0PPMQ	T; R<: 0<; MPQ
T; R<M0TPPQ	T; R<U0S<MQ	T; R<N0<; <NQ	T; R<R0PRMQ
T; R<T0SN<Q			

\*G8\*\*GCEEH'EF'5BAA'Y'15GCBEHEAI 'V=! DVD11I

O/672-J'G+K+%574+7"/+74

L=L5! 'L=\*\*

T; NR:  
C

T; NRM  
= O 3 5 F A C

T; NT:  
G F C

T; NTM  
= 5 F A C

T; NTN  
= G 3 5 F A C

T; NTT  
C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+ .&2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" \$N

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

\*! 55'B=! =I =B='AD! DVDH=8'GEHH5A5'EF'5BA?B55! ?BA'VEH5BGC5! ! I

0/672-J'G+K+%574+7'''/74

\*585\*15! 'L=\*\*

UPPR<0TT; Q	UPPR: 0SNPQ	RPUMN0PUUQ	RPUMT0TRUQ
RPUMS0SS; Q	RPUU<0SPPQ	RPUUM0PR: Q	RPUUU0PPPQ
RPUN0PMPQ	RPUUR0S: NQ	RPUUP0S<<Q	RPUN; 0PTRQ
RPUN<0TNNQ	RPUN: 0P<NQ	RPUNM0PN: Q	RPUNR0P; NQ
RPUNT0ST: Q	RPUNP0TTRQ	RPUR; 0SMSQ	RPUR<0P<<Q
RPURM0SSSQ	RPURN0SS<Q	RPURT0SRSQ	RPURS0<; ; <Q
RPUT; 0SNUQ	RPUT<0PP<Q	RPUTM0SP: Q	RPUTU0PSNQ
RPUTN0SMNQ	RPUTS0TMNQ	RPUTP0S: SQ	RPUS: 0SNPQ
RPUSN0TPNQ	RPUSR0PTUQ	RPUST0S<SQ	RPUSS0SUSQ
RPUP; 0SRNQ	RPUP: 0S; PQ	RPUPN0SPSQ	

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

! "#! # \$ ! "" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" \$0

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "\$%&'()\*"+, &-'\* ". "#&"/'0'1"2-'3"4/""5, 6. +76&+(7"869': ; <<

-----  
\*! 55'B= ! =I =B='AD! DVDH=8'GEHH5A5'EF'5BA?B55! ?BA'VEH5BGC5! ! I |

L=L5! 'L=\*\*      0/672-J'G+K+% '574+7""/ +74

UPPRM  
= 0    G    5    F    A    C

UPPRU  
= 0    C

RPUM<  
= 0    G    3    5    C

RPUMM  
= A    C

RPUMJ  
= 0    A    C

RPUMR  
= 0    G    5    F    A    C

RPUMP  
= 0    G    5    A    C

RPUU;  
= C

RPUU:  
= 0    G    3    5    A    C

RPUUT  
C

RPUUS  
= 0    G    3    5    A    C

RPUNJ  
= 0    A    C

RPUNN  
= 0    G    5    F    A    C

RPUNS  
= 0    G    5    F    A    C

RPUR:  
= 0    F    A    C

RPURJ  
= A

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+;)6;

-----  
!"#!#\$!""      %&'()\*+, -. /0\*1+ . &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+! ""      \$P

-----  
?<2@/)&A+('/; 8+1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50:\*+ 7#' #8EF: 3&&G' 1: +41: C: ; E+=: 1:\*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K  
-----



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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

\*! 55'B=! =I =B='AD! DVDH=8'GEHH5A5'EF'5BA?B55! ?BA'VEH5BGC5! ! I |

O/672-J'G+K+%574+7''' /+74

L=L5! 'L=\*\*

RPURR

= O G F A C

RPURP

= O G F A C

RPUT:

= O G F A C

RPUTR

= O G 5 F A C

RPUS;

= O G 5 F A C

RPUS<

= O G 5 F A C

RPUSM

= O G 5 F A C

RPUSU

= O G F A C

RPUSP

= O F A C

RPUP<

= O F A C

RPUPM

= O F A C

RPUPU

= O 5 A C

RPUPR

O G A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+! ""

\$Q

?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: >: 2K



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

! "\$%&' ( )"\*+, &-'\* ". "#&'/'0'1"2-'3"4/'5, 6. +76&+(7"869'; ;<<

\*=?B1A?1 \*'GEHH5A5'EF'5BA?B55! ?BA'L=1C=8D11E8'V18

0/672-J'G+K+%574+7'''/74

\*585\*15! 'L=\*\*

T<N; <0RPSQ	T<N; : 0S: ; 0	T<N; MOTTRO	T<N; UOSSTQ
T<N; NOT; ; 0	T<N; ROT<UQ	T<N; TOPMTQ	T<N; SOSR<Q
T<N; POP: : 0	T<N<; 0PR: 0	T<N<<0S: MQ	T<N<: 0PMPQ
T<N<MOSMPQ	T<N<R0SN: 0	T<N<T0TS; 0	T<N<S0SPSQ
T<N<P0TPUQ	T<N: <0STUQ	T<N: : 0PMNQ	T<N: M0TNRQ
T<N: R0PU<Q	T<N: T0S; TQ	T<N: S0SU<Q	T<N: P0SNPQ
T<NM<0T<; 0	T<NM: 0SS: 0	T<NMM0SM; 0	T<NMN0PUNQ
T<NMR0SM: 0	T<NMT0TPUQ	T<NMP0SSNQ	T<NU; 0TT<Q
T<NU<0TRMQ	T<NU: 0SNRQ	T<NUM0PRSQ	T<NUN0P<PQ
T<NUR0PMRQ	T<NUT0TP: 0	T<NUS0PMSQ	T<NUP0PMMQ
T<NN; 0PPMQ	T<NN<0TPMQ	T<NNM0SNTQ	T<NNU0STNQ
T<NNN0S; ; 0	T<NNR0SNNQ	T<NNS0P; ; 0	T<NNP0P<<Q
T<NR<0PNMQ	T<NRU0SSNQ	T<NRR0TNRQ	TMM: S0TR<Q

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&' ( )\*+, -. /0\*1+. &2&' \*3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$R

?<2@/) &A+( '/' ; 8+\*1&+! "#\$%#&' +' <-\*B: 3&+A&C&)<@&A+D>+( ) \*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*\$0&12\$\$"0"%

\*=?B1A?1\*'GEHH5A5'EF'5BA?B55! ?BA'L=1C=8D11E8'V18

O/672-J'G+K+% '574+7''' /+74

L=L5! 'L=\*\*

T<N<U

= 0 F A C

T<N:;

A C

T<N:U

0 G 3 5 F A C

T<N:N

0 G F A C

T<NM;

= 0 G A C

T<NMU

C

T<NMS

= 0 3 5 A C

T<NUU

= 0 G 3 5 A C

T<NNT

0 F A C

T<NR;

5 A C

T<NR:

0 G 5 F A C

T<NRM

0 G F A C

T<NRN

0 G 3 F A C

%109:33;

000000000000000000000000000000000000 (<="

7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!""!#\$!"""

%&'()\*+, -. /0\*1+. &2&\*'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

L!

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+

7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/! ; /C&3' />+J <\*: : >: 2K



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

! "\$%&'()\*"+,-'\*. "#&'/'0'1'2-'3'4/'5,6. +7&+(7'869':;<<

%109:33;

0000000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+! ""

L"

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' /\*>+J <\*: :>: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<<

! =>?'A=B3C?'B\*1?1D15'EF'15GCBEHEAI '@5HHEE!

0/672-J'G(. K\$&'/\*2+"72""67L'574+7""/74

\*585\*15! 'M=\*\*

: NO; <PO<; Q	: NO; NPR; SQ	: NO; TPONSQ	: NO; UPRV<Q
UNR: : PO: : Q	UNR: TP<; <RQ	UNR: VPR; OQ	UNR: UPON<Q
UNR: SPOSTQ	UNR: RPOUVQ	UNR: OPOUVQ	UNRN; PRSQ
UNRN<PSQ; Q	UNRN: PRNVQ	UNRNNPOT<Q	UNRNTPRO; Q
UNRNV POT<Q	UNRNUPO: VQ	UNRNSPO: NQ	UNRNRPSUSQ
UNRNOPRRVQ	UNRT; PRURQ	UNRT<PRS; Q	UNRT: POSVQ
UNRTNPO<<Q	UNRTTPRVUQ	UNRTVPSUUQ	UNRTUPSOUQ
UNRTSPORVQ	UNRTRPRU; Q	UNRTOPO<; Q	UNRV<PR<OQ
UNRV: PS<UQ	UNRVNPONTQ	UNRVTPURNQ	UNRVVPOT<Q
UNRVUPRV; Q	UNRVSPROVQ	UNRVRPOUOQ	UNRVOPSSUQ
UNRU; PRURQ	UNRU<POSNQ	UNRU: PR; <Q	UNRUNPO; VQ
UNRUVPOVRQ	UNRUSPO: VQ	UNRURPR<NQ	UNRS; PRTUQ
UNRS<PO; UQ	UNRS: PRV<Q	UNRSNPS<TQ	UNRSTPR; VQ
UNRSVPSUNQ	UNRSSPO<UQ	UNRSRPOO: Q	UNRSOPRUUQ
UNRR<PRSQ	UNRRNPSVVQ	UNRRTPR<<Q	UNRRVPRNOQ

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*\$0&12\$\$"0"%  
! "#\$%&'()\*+,-./\*\$0&12\$\$"0"%

! =>?'@'A=B3C?'?B\*1?1D15'EF'15GCBEHEAI '@5HHEE!

O/672-J'G(. K\$&'/'\*2+"72""67L'574+7""/+74

M=M5! 'M=\*\*

:NO;:

= 0 3 5 F A C

:NO;V

= 0 3 5 F A C

UN<RR

= 0 3 5 F A C

UNR:<

= 0 3 5 F A C

UNR:N

= 0 3 5 F A C

UNRV;

= 0 3 5 F A C

UNRUT

= 0 3 5 F A C

UNRUU

= 3 A C

UNRUO

= 0 3 5 A C

UNRSU

= G 3 F A C

UNRR:

= 3 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+\$! ""

\$

?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -./01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: : >: 2K





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

! "#\$%&'()\*+,-.\* /0123456789:;<<

AE@1WGEHH5A5'EF'5BA?B55! ?BA'M=?B=@D

O/672-J'G(. K\$&'/\*2+"72""67L'574+7""/+74

\*585\*15! 'M=\*\*

<VVN: PRVVQ	<VVNNPO<NQ	<VVNVPRRNQ	<VVNUPRO; Q
<VVNSPRVRQ	UN<N: PROTQ	UN<NUPR; TQ	UN<NRPSVSQ
UN<NOPR; RQ	UN<T; PSSOQ	UN<TTPR<TQ	UN<TUPSSUQ
UN<TRPR; VQ	UN<TOPR; : Q	UN<V; POVTQ	UN<V: PRR: Q
UN<VNPR<TQ	UN<VUPO: <Q	UN<VOPRUSQ	UN<U; PSOSQ
UN<U<PO<; Q	UN<U: PSUNQ	UN<UUPR; SQ	UN<USPR<NQ
UN<URPO: TQ	UN<S; PRNVQ	UN<S<PRN; Q	UN<STPR: OQ
UN<SRPONRQ	UN<SOPRN; Q	UN<R; PRRQO	UN<R: PRSQO
UN<RNPSOUQ	UN<RSPS<TQ	UN<ROPSSSQ	UN<O; PRUSQ

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

L

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

AE@1WGEHH5A5'EF'5BA?B55! ?BA'M=?B=@D

O/672-'J'G(. K\$&/'\*2+'72'"67L'574+7"/+74

M=M5! 'M=\*\*

<u>&lt;VVNT</u>					
=	3	5	A	C	
<u>UN&lt;N&lt;</u>					
=	3	5	F	A	C
<u>UN&lt;NN</u>					
=	3	5	F	A	C
<u>UN&lt;NT</u>					
=	3	5	F	A	C
<u>UN&lt;NV</u>					
=	0	G	3	5	F C
<u>UN&lt;T&lt;</u>					
=	G	5	A	C	
<u>UN&lt;T:</u>					
=	G	5	F	A	C
<u>UN&lt;TN</u>					
C					
<u>UN&lt;TV</u>					
=	G	3	F	A	C
<u>UN&lt;TS</u>					
=	G	3	F	A	C
<u>UN&lt;V&lt;</u>					
=	G	F	C		
<u>UN&lt;VT</u>					
=	0	G	3	A	C
<u>UN&lt;VS</u>					
=	0	G	3	C	
<u>UN&lt;VR</u>					
=	0	G	3	5	A C
<u>UN&lt;UN</u>					
=	0	3	5	F	A C
<u>UN&lt;UT</u>					
=	0	3	5	F	A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

M

?<2@/) &A+( '/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\* /0123456789:;<=>

AE@1WGEHH5A5'EF'5BA?B55! ?BA'M=?B=@D

O/672-J'G(. K\$&'/\*2+"72""67L'574+7""/+74

M=M5! 'M=\*\*

UN<UV

= 0 3 5 F A C

UN<UO

= 0 3 5 F A C

UN<SN

= 0 3 5 F A C

UN<SV

= 0 3 5 F A C

UN<SU

= 0 F A C

UN<SS

= 0 3 5 F C

UN<RT

= 0 G 3 5 F C

UN<RV

C

UN<RU

= 0 G F A C

UN<O<

= 0 3 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -./0\*1+ .&2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += :>+! ""

N

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/ +I ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0123456789:;<<

! =>=A?! ?'GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI

0/672-J'G(. K\$&"/' \*2+"72""67L'574+7""/ +74

\*585\*15! 'M=\*\*

UV; U<P<; ; RQ	UV; U: PR: NQ	UV; UUPSUTQ	UV; URPOTRQ
UV; UOPOTOQ	UV; S; PRUVQ	UV; S<PRSRQ	UV; STPSRNQ
UV; SVPRNVQ	UV; SUPS: SQ	UV; SSPST<Q	UV; SRPRVUQ
UV; SOPSRRQ	UV; R; PRU<Q	UV; R<PRNSQ	UV; R: PSEOQ
UV; RNPRTNQ	UV; RTPRVVQ	UV; RUPR; TQ	UV; RSPRN: Q
UV; RRPRTNQ	UV; ROPRVSQ	UV; O<PRNNQ	UV; O: PRVTQ
UV; ONPR: SQ	UV; OTPSRNQ	UV; OVPRNNQ	UV; OUPRVSQ
UV; OSPRT; Q	UV; ORPRV: Q	UV; OOPRS<Q	UV<; ; PSSSQ
UV<; <PROTQ	UV<; : PO: ; Q	UV<; NPRTTQ	UV<; TPROVQ
UV<; VPRRVQ	UV<; UPR: UQ	UV<; SPONVQ	UV<<; PRTOQ
UV<<<POT<Q	UV<<NPRSUQ	UV<<TPOTUQ	UV<<VPON: Q
UV<<UPR: OQ	UV<<OPSORQ	UV<; ; PRRTQ	UV<; <POVTQ
UV<; : POTRQ	UV<; NPR: : Q	UV<; TPOVSQ	UV<; VPO<VQ
UV<; SPRTVQ	UV<; RPOSRQ	UV<; OPRVVQ	UV<N; PRRNQ
UV<N<PR: ; Q	UV<N: PRO<Q	UV<NTPRO<Q	UV<NUPR; VQ
UV<NSPOUNQ	UV<NRPOS; Q	UV<NOP<; : RQ	UV<T; P<; <NQ
UV<T<PSUUQ	UV<T: PROVQ	UV<TNPR: TQ	UV<TTPRRSQ
UV<TVPO: VQ	UV<TUPSVVQ	UV<TSPRO: Q	UV<TRPONOQ
UV<TOPSS<Q	UV<V; PS: : Q	UV<V<POU<Q	UV<V: PO; SQ
UV<VTPO; ; Q	UV<VVPSUOQ	UV<VUPR: <Q	UV<VSPRR; Q
UV<VRPRRSQ	UV<VOPO: SQ	UV<U; PRN; Q	UV<U<PR: VQ
UV<U: PRNNQ	UV<UNPR: RQ	UV<UTPSTSQ	UV<UUPOV<Q
UV<USPR<NQ	UV<URPSO; Q	UV<UOPO<VQ	UV<S<PRTVQ
UV<S: POSRQ	UV<SNPSVTQ	UV<STPOURQ	UV<SVPRVNVQ
UV<SSPRNSQ	UV<SRPO; ; Q	UV<SOPRRSQ	UV<R; PR<SQ
UVNSVPRTSQ	USS<VPRU: Q		

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&\*3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

0

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K



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

! "\$%&'()\*"+, &-'\* ". "#&/'0'1'2-'3'4/'5, 6. +76&+(7'869': ; <<

! =>=A?! ?'GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI

M=M5! 'M=\*\* O/672-J'G(. K\$&/'\*2+"72""67L'574+7""/+74

<u>UV; UN</u>	=	0	G	3	5	F	C
<u>UV; UT</u>	=	0	G	3	F	A	C
<u>UV; UV</u>	=	0	G	3	5	F	C
<u>UV; US</u>	=	0	G	3	5	F	C
<u>UV; S:</u>	=	0	G	3	5	F	C
<u>UV; SN</u>	=	3	F	A	C		
<u>UV; RV</u>	=	0	G	3	5	F	C
<u>UV&lt;; R</u>	=	0	G	3	5	F	C
<u>UV&lt;&lt;:</u>	=	0	G	3	5	F	C
<u>UV&lt;&lt;S</u>	=	0	3	F	A	C	
<u>UV&lt;&lt;R</u>	=	0	3	5	F	C	
<u>UV&lt;: U</u>	=	0	G	3	5	F	C
<u>UV&lt;VN</u>	=	0	3	5	F	A	C
<u>UV&lt;S;</u>	=	0	3	5	F	A	C
<u>UV&lt;SU</u>	=	3	5	F	A	C	

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+:)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+! "" P

?<2@/) &A+('/; 8\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<<

8=! '=1C=B=\*?D\*'5BA?B55! ?BA'GEHH5A5'XE1C=8=BA=H=8

0/672-J'G(. K\$&'/\*2+"72""67L'574+7""/74

\*585\*15! 'M=\*\*

U<0<SPST; Q	U<0<RPPRSQ	U<0<OPRNTQ	U<0: <PR; ; Q
U<0: : PS<RQ	U<0: VPOVNQ	U<0: UPOVVQ	U<0: SPRT: Q
U<0: RPSOUQ	U<0: OPRN: Q	U<ON; PO: ; Q	U<ON<PSO: Q
U<ON: PRN: Q	U<OT; PRSTQ	U<OTNPSSSQ	U<OTTPRO: Q
U<OTSPSO<Q	U<OTRPSNVQ	U<OTOPRURQ	U<OV; PSUVQ
U<OV<PSSUQ	U<OV: PRT: Q	U<OVNPO: <Q	U<OVTPRU<Q
U<OVUPRNUQ	U<OVSPSO<Q	U<OVRPR<TQ	U<OVOPRO<Q
U<OU; PRU<Q	U<OU: PST<Q	U<OUNPR: <Q	U<OUTPST: Q
U<OUUPST: Q	U<OUSPO: : Q	U<OS; PO<NQ	U<OS<PRVSQ
U<OS: PRVRQ	U<OSNPR<TQ	U<OSTPRTRQ	U<OSVPRSVQ
U<OSUPRTTQ	U: ; <OPRNOQ	U: ; ; <PRSNQ	U: ; ; : PR: VQ
U: ; : NPOT; Q	U: ; : TPRVVQ		

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

Q

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K



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

! "\$%&'()\*"+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

8=! '=1C=B=\*?D\*5BA?B55! ?BA'GEHH5A5'XE1C=8=BA=H=8

O/672-J'G(. K\$&'/\*2+"72""67L'574+7""/+74

M=M5! 'M=\*\*

U<0:N

C

U<0:T

= 0 G A C

U<0NN

0 C

U<0NT

= 0 3 5 F C

U<0NV

= 0 C

U<0NU

= C

U<0NS

A C

U<0NO

5 A C

U<0T<

= 0 G 3 5 F C

U<0T:

= 0 3 5 F A C

U<0TV

= 0 3 5 A C

U<0TU

= 3 5 F A C

U<0VV

= 0 3 5 F A C

U<0U<

C

U<0UV

= 0 G 3 5 A C

U<0UR

0 3 A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, --. /0\*1+. &2&\*'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+!" ""

R

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+() \*+, -. /01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "\$%&'()\*"+, &-'\*". "#&"/'0'1"2-'3"4/'5,6. +7&+(7"869':;<<

8=! '=1C=B=\*?D\*5BA?B55! ?BA'GEHH5A5'XE1C=8=BA=H=8

M=M5! 'M=\*\*

U<0U0

= 0 3 5 F A C

O/672-J'G(. K\$&/'\*2+"72""67L'574+7""/+74

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

!"

?<2@/)&A+'/'; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&<@&A+D>+()\*"+, -./01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-.\* /0123456789:;<<

[ =3?'\*C=BX=! ='?B\*1?1D15'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'X=H=3I ]

0/672-J'G(. K\$&'/\*2+"72""67L'574+7""/74

\*585\*15! 'M=\*\*

UR: <UPRRTO	UR: <SPRO<Q	UR: <RPO; OQ	UR: : ; PORTQ
UR: : <PR: ; Q	UR: : : PS: ; Q	UR: : NPSNUQ	UR: : TPOU; Q
UR: : VPO<SQ	UR: : UPO<UQ	UR: : SPRRTQ	UR: : RPR<UQ
UR: N; PSS; Q	UR: N<PROUQ	UR: N: PRS<Q	UR: NNPO; VQ
UR: NTPONUQ	UR: NUPR: SQ	UR: NSPR: TQ	UR: NRPO; RQ
UR: NOPRNRQ	UR: T<PR: RQ	UR: T: POTRQ	UR: TNPORRQ
UR: TTPO; VQ	UR: TVPSOUQ	UR: TUPSNVQ	UR: TRPS<NQ
UR: V; PRN: Q	UR: V<PR<RQ	UR: V: PS; <Q	UR: VNPSS; Q
UR: VTPO; VQ	UR: VVPO; RQ	UR: VUPRNSQ	UR: VSPRU<Q
UR: VRPSNSQ	UR: VOPSSQ	UR: U; PR; ; Q	UR: U<PSS<Q
UR: U: PO<NQ	UR: UNPRNUQ	UR: UTPRTRQ	UR: UVPO: OQ
UR: UUPRO: Q	UR: USPOR<Q	UR: URPR<SQ	UR: UOPRRUQ
UR: S; PO<UQ	UR: S<PO; NQ	UR: S: P<; ; SQ	UR: STPR; SQ
UR: SVPR<<Q	UR: SSPSS; Q		

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'\*&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

[ ?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K ]



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

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

-----  
| = 3 ? ' \* C = B X = ! = ' ? B \* 1 ? 1 D 1 5 ' E F ' 5 B A ? B 5 5 ! ? B A ' = B 3 ' 1 5 G C B E H E A I ' X = H = 3 I |

M = M 5 ! ' M = \* \* O / 6 7 2 - J ' G ( . K \$ & " / ' \* 2 + " 7 2 " " 6 7 L ' 5 7 4 + 7 " " / + 7 4

<u>UR: &lt;0</u>					
= 0	3	5	F	A	C
<u>UR: NV</u>					
= 0	G	3	5	F	C
<u>UR: T;</u>					
= C					
<u>UR: TS</u>					
5 A	C				
<u>UR: T0</u>					
= 0	G	3	5	A	C
<u>UR: SN</u>					
0 3	5	A	C		
<u>UR: SU</u>					
0 3	5	F	C		

% 1 0 9 : 3 3 ;

0000000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

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

-----  
| ? < 2 @ / ) & A + ( ' / ; 8 + \* 1 & + ! " # \$ % # & ' + ' < - \* B : 3 & + A & C & ) < @ & A + D > + ( ) \* + , - . / 0 1 / 2 / 3 ) 4 5 / 6 + 0 ' / - 5 0 : \* + 7 # ' # 8 E F : 3 & & G ' 1 : + 4 1 : C ; ; [ + = : 1 : \* 2 : + H ; ; A 1 / I ; / C & 3 ' / \* > + J < \* \* : > : 2 K |



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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

=8=H>I E1C?'5BA?B55! ?BA"GEHH5A5'XEE@=MM=HHI 'X=B>?! =M=HHI

0/672-J'G(. K\$&/'\*2+'72''67L'574+7''/74

\*585\*15! 'M=\*\*

UUUVVPRUOQ	UUUUUPSUNQ	UUUVUSPROTQ	UUUVUOPSRTQ
UUVS; PRVTQ	UUVS<PS<: Q	UUVSNPSSSQ	UUVSVPRUVQ
UUVSRPSN: Q	UUVSOP<; ; NQ	UUVR; PSSUQ	UUVR<PSO; Q
UUVR: PST: Q	UUVRNPOURQ	UUVRTPSUNQ	UUVRVPR<OQ
UUVRUPROSQ	UUVRSPSOSQ	UUVRRPR: ; Q	UUVROPROTQ
UUVO; POSTQ	UUVO<POTUQ	UUVO: PO: UQ	UUVONPSTNQ
UUVOTPOTUQ	UUVOUPONTQ	UUVOSPRVRQ	UUVORPOVTQ
UUVOOPR; ; Q	UUU; ; PO<VQ	UUU; <PO<: Q	UUU; : PSROQ
UUU; NPRSQ	UUU; TPO; <Q	UUU; UPRRUQ	UUU; SPSRVQ
UUU; RPOVNO	UUU; OPRVTQ	UUU<; PRNUQ	UUU<<PRSSQ
UUU<: PSTVQ	UUU<VPO; TQ	UUU<UPRU<Q	UUU<SPO: ; Q
UUU<RPOTRQ	UUU<OPRRSQ	UUU: <PRUVQ	UUU: : PR: : Q
UUU: NPRUUQ	UUU: TPSS: Q	UUU: VPOU<Q	UUU: UPO<NQ
UURSTPSR; Q			

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

"L

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; E+=: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "\$%&'()\*"+, &-'\* ". "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

-----  
=8=H'I E1C?'5BA?B55! ?BA"GEHH5A5'XEE@=MM=HHI 'X=B>?! =M=HHI  
-----

M=M5! 'M=\*\*      O/672-'J'G(. K\$&/'\*2+'72'''67L'574+7'''/74

UVUR  
= 0 3 5 F A C

UVS:  
= 0 3 5 F A C

UVST  
= 0 3 F C

UVSU  
= C

UVOV  
= 0 G 3 5 F C

UU;V  
= 0 3 5 F A C

UU<N  
= 0 G 3 5 F C

UU<T  
= 0 3 5 F A C

UU:;  
= 0 3 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

-----  
!"#!#\$!""      %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""      "M  
-----

-----  
?<2@/) &A+' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\* \*+, -. /01/2/3)45/6+0' /-50: \*+  
7#' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/1 ; /C&3' />+J <\*: :>: 2K  
-----



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

! "#\$%&'()\*+,-.\* /0123456789:;<<

G==! 85H'5BA?B55! ?BA'GEHH5A5'M5! ?B=3D! =BB?

0/672-J'G(. K\$&'/\*2+"72""67L'574+7""/+74

\*585\*15! 'M=\*\*

UOUTSPRVVQ	UOUTRPRR; Q	UOUV: PR: 0Q	UOUVNPRRRQ
UOUVUPO<TQ	UOUVSPRR; Q	UOUU; PSO<Q	UOUUVPRNOQ
UOUUSPOTOQ	UOUURPSRUQ	UOUS<PUORQ	UOUSNPSTSQ
UOUSVPSOUQ	UOUSRPO: : Q	UOUSOPSSSQ	UOUR<PRUSQ
UOUR: PSR<Q	UOURVONUQ	UOURSPR: ; Q	UOUROPSN: Q
UOUOTPRTOQ	UOUOSPO: UQ	UOS; NPOT<Q	

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

"N

?<2@/) &A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,\*-. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\* /01'2-'3"4/""5,6. +76&+(7"869':;<<

G==! 85H'5BA?B55! ?BA'GEHH5A5'M5! ?B=3D'! =BB?

M=M5! 'M=\*\* O/672-'J'G(. K\$&'/\*2+'72""67L'574+7""/74

UOUT:  
 = 0 3 F A C

UOUTT  
 = 0 3 5 F A C

UOUTV  
 = 0 3 5 F A C

UOUTU  
 = 0 3 A C

UOUTO  
 = 0 3 5 F A C

UOUV;  
 = 0 3 5 A C

UOUV<  
 3 A

UOUVV  
 = 0 3 5 C

UOUVR  
 A C

UOUVO  
 = 0 G 3 5 F A

UOUU<  
 = 0 3 5 F A C

UOUU:  
 = C

UOUUT  
 C

UOUUU  
 C

UOUUO  
 3 C

UOUS;  
 = 0 3 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+:)6;

!"#!\$!" "%&'()\*+,-./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+\$! "" "0

?<2@/) &A+(' /; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: .>: 2K





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

! "#\$%&'()\*+,-./\*\$0&1 2 3 4 5 6. +76&+(7"869':;<<

-----  
G=#! 85H'5BA?B55! ?BA'GEHH5A5'M5! ?B=3D'! =BB?  
-----

M=M5! 'M=\*\*      O/672-J'G(. K\$&'/\*2+"72""67L'574+7""/+74

UOS; ;  
=    0      3      5      F      A      C

UOS; ;  
C

UOS; T  
=    0      G      3      5      F      C

UOS; V  
C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+:)6;

-----  
!"#!#\$%&'()\*+,-./\*\$0&1 2 3 4 5 6. +76&+(7"869':;<<      %&'()\*+,-./\*\$0&1 2 3 4 5 6. +76&+(7"869':;<<      "Q

-----  
?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,-./\*\$0&1 2 3 4 5 6. +76&+(7"869':;<<      7#'#8EF:3&&G'1:+41:C; [+ = : 1:\*2:+H; ; A1/I ; /C&3'/'>+J<\*: :>: 2K  
-----





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

! "#\$%&'()\*+,-./\*\$0&12\$\$"0"%

F535! =H?B\*1?1D15'EF\*G?5BG5'=B3'15GCBEHEAI '8EEX=BBD! '  
=BA=8=H?

O/672-J'G(. K\$&'/\*2+"72""67L'574+7""/74

\*585\*15! 'M=\* \*

URV; <PSS00	URV; : PSTU0	URV; NPR: : 0	URV; TPURU0
URV; VPOTV0	URV; RPRN; 0	URV<; P0000	URV<<PO; V0
URV<; PO<V0	URV<NPRO00	URV<TPR; S0	URV<UPOSS0
URV<SPSR00	URV<RPRRT0	URV<OPO: ; 0	URV: ; POT<0
URV: <PSS00	URV: : PSSU0	URV: NPRS; 0	URV: TPSST0
URV: VPOV; 0	URV: UPRT00	URV: SPR; U0	URVN<PRT: 0
URVN: PRRS0	URVNNPO; 00	URVNTPSR: 0	URVNVPSUT0
URVNUPSU<0	URVNSPSS00	URVNRPR; S0	URVNOPRT; 0
URVT; PON<0	URVT<PRSO0	URVT: PR<N0	URVTNPR: N0
URVTUPRTT0	URVTSPRSR0	URVTRPRV: 0	URVTOPSUV0
URVV; PRS<0	URVV<PRVT0	URVV: PR<00	URVVVPR: ; 0
URVVUPR; : 0	URVVSPRNT0	URVVPRPS; 0	URVVOPS: N0
URVU; POU00	URVU<POTU0	URVU: PONV0	URVUNPR; N0
URVUTPONO0	URVUVPO<S0	URVUUPR<U0	URVUSPS: U0
URVS; PR: 00	URVS<PRS: 0	URVS: PRRV0	URVSVPRTV0
URVSUPOT; 0	URVSSPONV0	URVSRPSR; 0	URVR<PRO<0
URVR: PRTR0	URVRNPRR<0	URVRVPROV0	URVRUPSSN0
URVRSPOVR0	URVROPRU; 0	URVO; PO; V0	URVO: PSOS0
URVONPR: 00	URVOTPRUT0	URVOVPRRR0	URVOUPRSN0
URVOSPRT: 0	URVORPRR<0	URVOOPOT: 0	URU; <PO; R0
URU; : PSS<0	URU; NPRO; 0	URU; TPOT; 0	URU; VPRRS0
URU; UPRN; 0	URU; RPROU0	URU; OPRU; 0	URU<; PRUS0
URU<<PO<; 0	URU<; PSTR0	URU<TPSTR0	URU<VPRV: 0
URU<UPO: V0	URU<SPRR; 0	URU<OPRRS0	URU: ; PSON0
URU: <PSRS0	URU: : PRS<0	URU: NPR; ; 0	URU: TPRVR0
URU: UPRS: 0	URU: SPRUN0		

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

"R

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , - . / 0 1 2 3 4 5 6 + 0' / - 5 0 : \* +  
7 #' # 8 EF: 3&&G' 1: +4 1: C: ; E+=: 1: \*2: +H: ; A1/H ; /C&3' / \* >+J < \* \* : >: 2K



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

! "#\$%&'()\*+,-.\* /0'1'2-'3'4/'5,6. +76&+(7'869':;<<

F535! =H'?B*1?1D15'EF'*G?5BG5'=B3'15GCBEHEAI '8EEX=BBD! '
=BA=8=H?

M=M5! 'M=\*\* O/672-J'G(. K\$&/'\*2+'72''67L'574+7''/+74

URV;U

= 0 G 3 F C

URV;S

= 0 G 3 5 F C

URV;0

= 0 G 3 5 F C

URV<V

= 0 3 5 F A C

URV:R

= 0 G 3 F A C

URV:0

= 0 G 3 5 F C

URVN;

= 0 G 3 F A C

URVTT

= 0 G 3 5 A C

URVTV

= 0 G 3 C

URVVN

= 0 G 3 5 A C

URVVT

= 0 G 3 5 A C

URVUR

= 3 A C

URVUO

= 0 3 5 F A C

URVST

= 3 5 F A C

URVSO

= F A C

URVR;

= 0 G 3 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+! ""

\$!

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-*B: 3&+A&C&)<@&A+D>+()*+*, -. /01/2/3)45/6+0' /-50: *+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: *2: +H: ; A1/+ ; /C&3' />+J <*: :>: 2K
--



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

! "#\$%&'()\*+,-.\* /0123456789:;<>

F535! =H?B\*1?1D15'EF'\*G?5BG5'=B3'15GCBEHEAI '8EEX=BBD! '  
=BA=8=H?

M=M5! 'M=\*\* O/672-J'G(. K\$&'/'\*2+'72''67L'574+7''''/+74

<u>URVRT</u>					
=	F	A	C		
<u>URVRR</u>					
=	0	3	F	A	C
<u>URU;</u>					
=	0	3	5	F	A C
<u>URU;S</u>					
=	0	3	5	F	A C
<u>URU&lt;N</u>					
=	0	3	5	F	A C
<u>URU&lt;R</u>					
=	G	3	A	C	
<u>URU:V</u>					
=	5	F	A	C	
<u>URU:R</u>					
=	0	3	5	F	A C
<u>URU:O</u>					
=	0	3	5	F	A C
<u>URUN;</u>					
=	0	3	5	F	A C
<u>URUN&lt;</u>					
=	5	A	C		

%109:33;

00000000000000000000000000000000 (<=  
7)6+.)33/. 0)\*0#\$\$-5:6-+;)6;

! "#!#\$! "" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" \$"

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+  
7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0123456789:;<<

?H=C?='GEHH5A5'EF'5BA?B55! ?BA'=B3"15GCBEHEAI '8DH=@EE! '  
8EE@=11DMDYC=

0/672-J'G(. K\$&'/\*2+"72"'67L'574+7"' /+74

\*585\*15! 'M=\*\*

S: : R<PR: RQ	S: : R: PURUQ	S: : RSPSRTQ	S: : O; PR; TQ
S: : O<PSRNQ	S: : O: PRNRQ	S: : OVPSO: Q	S: : OUPSOVQ
S: : ORPSTRQ	S: N; <PSO; Q	S: N; : PRT: Q	S: N; VPUS; Q
S: N; UPS: SQ	S: N; SPO<: Q	S: N; RPRUVQ	S: N<; PRU<Q
S: N<<PRRVQ	S: N<: PSO; Q	S: N<TPSR<Q	S: N<VPSOTQ
S: N<UPR: TQ	S: N<SPR; UQ	S: N<OPRNVQ	S: N: <PSVNQ
S: N: VPRRSQ	S: N: UPRT; Q	S: N: SPST<Q	S: N: RPSTVQ
S: NN<PRRUQ	S: NN: PO: NQ	S: NNNPR; VQ	S: NNTPS; TQ
S: NNVPSSVQ	S: NNUPRVOQ	S: NNRPSRVQ	S: NNOPRURQ
S: NT; POT<Q	S: NT<PSO: Q	S: NT: PR: <Q	S: NTNPSVUQ
S: NTVPONUQ	S: NTSP<; VSQ	S: NTRPSR: Q	S: NTOPRU; Q
S: NV; PRRNQ			

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00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$\$

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+  
7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: >: 2K





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

! "#\$%&'()\*+,-./\*0123456789:;<<

-----  
| ?H=C?='GEHH5A5'EF"5BA?B55! ?BA'=B3"15GCBEHEAI '8DH=@EE! '|  
8EE@=11DMDYC=

M=M5! 'M=\*\* 0/672-J'G(. K\$"/' \*2+"72""67L'574+7""/ +74

S: N: :

= 0 3 5

S: N: N

0

S: N: T

= 0 3 5 F A C

S: NN;

= 0 3 5 A C

S: NTT

= 0 C

S: NTU

= 0 3 5 F C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$-5:6-+;)6;

-----  
| !"#!"\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" | \$M

-----  
| ?<2@/) &A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ |  
7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*\$0&123456. +76&+(7"869';;<<

X85='5BA?B55! ?BAWGEHH5A5'53=1C=H='=HD@=

0/672-J'G(. K\$&'/\*2+"72""67L'574+7""/74

\*585\*15! 'M=\*\*

: UOS<NPSOUQ	: UOS<TPSNUQ	: UOS<VPS; TQ	SN; ; <P<; UVQ
SN; ; NPS: NQ	SN; <; PRNRQ	SN; <<PST; Q	SN; <UPSOSQ
SN; ; <PSV: Q	SN; ; : PSV: Q	SN; ; NPOU<Q	SN; ; TPSTNQ
SN; ; SPO; UQ	SN; ; RPSSOQ	SN; ; OPR; SQ	SN; N; PSSSQ
SN; N<P<; : : Q	SN; N: PR: TQ	SN; NNPRS<Q	SN; NVPSU; Q
SN; NRPSNSQ	SN; NOPR<SQ	SN; T; POSNQ	SN; T<PRSOQ
SN; TNPRNSQ	SN; TTPSOSQ	SN; TVPOVNO	SN; TUP<; <NQ
SN; TSPRT<Q	SN; TRPRT<Q	SN; TOPR: RQ	SN; V<PSO; Q
SN; V: PR<UQ	SN; VNPRNTQ	SN; VTPR; : Q	SN; VUPRT: Q
SN; VRPOTSQ	SN; VOPRR: Q	SN; U<PR: UQ	SN; U: PO; OQ
SN; UNPO; OQ	SN; UTPS: VQ	SN; UVPORNQ	

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

! "#! # \$! ""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$N

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: : >: 2K



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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

X85='5BA?B55! ?BAWGEHH5A5'53=1C=H='=HD@=

M=M5! 'M=\*\* O/672-'J'G(. K\$&'/'\*2+'72'''67L'574+7'''/74

: UOS<U

= 0 3 5 F C

: UOS<S

= 5 F C

SN; ;:

= 0 3 5 F C

SN; ;T

= G 3 5 A C

SN; ;V

= 0 3 F C

SN; ;U

= 3 5 F A C

SN; ;S

= 0 G 3 5 F C

SN; ;R

C

SN; ;O

= 0 G 3 5 F C

SN; ;<:

C

SN; ;<N

= 0 G 3 5 C

SN; ;<T

= C

SN; ;<V

= 3 5 C

SN; ;<S

= 0 G 3 5 F C

SN; ;<R

C

SN; ;<O

= 0 3 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+\$! "" \$0

?<2@/) &A+(' /; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ /; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-.\* /\$0&12\$\$"0"%

X85='5BA?B55! ?BAWGEHH5A5'53=1C=H='=HD@=

O/672-J'G(. K\$&'/\*2+"72""67L'574+7""/+74

M=M5! 'M=\*\*

SN; ;

= 0 3 C

SN; :U

= 0 C

SN; NT

= 0 3 5 F C

SN; NU

= 0 G 3 5 F C

SN; NS

= 0 3 5 F C

SN; T:

= 0 G 3 5 F C

SN; V;

= 0 3 5 F C

SN; VV

= 0 3 5 F A C

SN; VS

= 0 3 5 F C

SN; U;

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00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$P

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -./01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C; ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*"+, &- '\*". "#&"/'0'1'2-'3'4/'5,6. +76&+(7'869': ; <<

8=BA=H=8'GEHH5A5'EF'5BA?B55! ?BA'511D8=BEE!

0/672-J'G(. K\$&"/' \*2+'72''67L'574+7''/ +74

\*585\*15! 'M=\*\*

: USRU: PO: UQ	: USRUTPR: UQ	: USRUVPR<0Q	S: S; NPO; ; Q
S: S; OPO; <Q	S: S<<PRNNQ	S: S<NPRS<Q	S: S<UPO: ; Q
S: S: ; POTSQ	S: S: : POSVQ	S: S: NPORVQ	S: S: TPR: ; Q
S: S: VPSOTQ	S: S: UPO<: Q	S: S: RPOT; Q	S: SN<PS: OQ
S: SN: PR: NQ	S: SNTPR<NQ	S: SNSPUO<Q	S: SNRPRTNQ
S: ST; PS: SQ	S: STTPOONQ	S: STVPS; ; Q	S: STUPRTSQ
S: STSPSR; Q	S: STOPRRRQ	S: SV; PRVVQ	S: SVUPR: ; Q
S: SVSPSRVQ	S: SVRPO<TQ	S: SVOPR: ; Q	S: SUNPRT<Q
S: SUTPSUSQ			

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$\$-5:6-+:)6;

! "#"!#\$! "" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" \$Q

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\* +, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*\$0&12\$\$"0"%

8=BA=H=8'GEHH5A5'EF'5BA?B55! ?BA'511D8=BEE!

O/672-'J'G(. K\$&'/'\*2+"72"'67L'574+7""/+74

M=M5! 'M=\*\*

: USRUN

=	0	3	5	F	C
	<u>S: S; :</u>				
=	0	3	5	F	A C
	<u>S: S; T</u>				
=	0	3	5	F	A C
	<u>S: S; V</u>				
=	5	C			
	<u>S: S; U</u>				
=	0	3	5	F	A C
	<u>S: S; S</u>				
=	0	G	3	5	F C
	<u>S: S&lt; ;</u>				
=	0	3	5	F	A C
	<u>S: S&lt; :</u>				
=	0	3	5	F	A C
	<u>S: S&lt; T</u>				
=	0	3	5	F	C
	<u>S: S&lt; V</u>				
=	0	3	5	F	A C
	<u>S: S&lt; S</u>				
=	0	3	5	F	A C
	<u>S: S&lt; R</u>				
=	0	3	5	F	C
	<u>S: S&lt; 0</u>				
=	0	3	5	F	A C
	<u>S: S: &lt;</u>				
=	0	3	5	F	A C
	<u>S: SN;</u>				
=	3	5	F	A	C
	<u>S: SNN</u>				

C

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00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+ . &2&'&3+4+5&61+7&83&&+90: 2/ ; \* / < ; += : > + \$ ! ""

\$R

?<2@/) &A+( '/' ; 8+\*1&+! "#\$%#&' + ' < - \* B: 3&+A&C&)<@&A+D>+( ) \* + , - . / 0 1 / 2 / 3 ) 4 5 / 6 + 0' / - 5 0: \* + 7 # ' # 8 E F: 3 & & G' 1: + 4 1: C: ; [+ = : 1: \* 2: + H: ; A 1 / + I ; / C & 3' / \* > + J < \* \* : > : 2 K



! "#\$%"&' " ()#\*&+(, -./\*\$0&12\$\$"0"%

! "#\$%&'()\*+,-./\*\$0&123456. +76&+(7'869':;<<

8=BA=H=8'GEHH5A5'EF'5BA?B55! ?BA'511D8=BEE!

O/672-'J'G(. K\$&'/\*2+"72"'67L'574+7''/+74

M=M5! 'M=\*\*

S:SNV

= 0 3 5 F C

S:SNO

G 5 F A C

S:ST<

F A C

S:ST:

= 0 3 5 F C

S:STN

= F A C

S:STR

= 0 G 5 F A C

S:SV<

= 0 G 3 5 F C

S:SV:

= 0 3 5 F A C

S:SVN

= 0 3 5 F A C

S:SVT

= 0 3 5 F A C

S:SVV

= 0 3 5 F A C

S:SU;

= 0 G 3 5 F C

S:SU<

= 0 3 5 F C

S:SU:

= 0 5 F C

S:SUV

= 0 3 5 F C

S:SUU

= 0 3 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+:)6;

!""!#\$!""

%&'()\*+, -. /0\*1+ . &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+\$! ""

L!

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , - . /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: : >: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<<

8=! '0=\*5H?D\*'GC! ?\*1?=B'GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI'  
M55! 8=35

0/672-J'G(. K\$&'/'\*2+"72""67L'574+7""/+74

\*585\*15! 'M=\*\*

UTU: <PO: <Q	UTU: NPRURQ	UTU: TPR; NQ	UTU: UPRUTQ
UTU: SPRT; Q	UTU: RPO; ; Q	UTU: OPON; Q	UTUN: PRT: Q
UTUNTPSUVQ	UTUNVPSRSQ	UTUNUPROVQ	UTUNSPOTRQ
UTUNRPO; RQ	UTUNOPOUSQ	UTUT; PSUSQ	UTUT: PRORQ
UTUTNPRTTQ	UTUTRPRRRQ	UTUTOPOV<Q	UTUV; PR; ; Q
UTUV<PS<OQ	UTUV: PRU: Q	UTUVNPOTRQ	UTUVTPRVVQ
UTUVOPRORQ	UTUU: PS<OQ	UTUUTPSRRQ	UTUUVPO<; Q
UTUUUPRTOQ	UTUUOPRV; Q	UTUS; PON; Q	UTUS<POSTQ
UTUS: PRU: Q	UTUSVPSU: Q	UTUSUPS: VQ	UTUSRPUOSQ
UTRUOPSSOQ	UTRS; PR; ; Q		

%109:33;

00000000000000000000000000000000 (<=  
7)6+. )33/. 0)\*0#\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+ .&2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

L"

?<2@/) &A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -. /01/2/3)45/6+0' /-50: \*+  
7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*"+,-'\*. "#&"/'0'1'2-'3'4/'5,6. +76&+(7'869';;<<

-----  
8=! '0=\*5H?D\*'GC! ?\*1?=B'GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI '
M55! 8=35

O/672-J'G(. K\$&"/'\*2+"72""67L'574+7""/74

M=M5! 'M=\*\*

UTU: ;

= 5 C

UTU: :

= 0 5 F A C

UTUN:

= 0 3 5 F A C

UTUN<

= 0 G 3 5 F C

UTUNN

= 0 G 3 5 F C

UTUT<

= 0 G 3 5 F C

UTUTT

A C

UTUTV

= 0 G 3 C

UTUTU

= 0 3 5 F C

UTUTS

= 0 A C

UTUVV

= G C

UTUVU

= 0 G 3 5 F C

UTUVS

= 0 G 3 5 F C

UTUVR

= 0 G 3 5 F C

UTUU;

= 0 G C

UTUU<

= 0 G 3 5 F C

%109:33;

0000000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, --./0\*1+.&2&'&3+4+5&61+7&83&&+90: 2/; \*/<; +=: >+\$! ""

L\$

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| ?<2@/) &A+( '/' ; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+() \*+, -. /01/2/3) 45/6+0' /-50: \*+  
| 7#' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: : >: 2K  
|



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

! "#\$%&'()\*+,-./\*0123456789:;<<

8=! '0=\*5H?D\*'GC! ?\*1?=B'GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI '|  
M55! 8=35

M=M5! 'M=\*\* O/672-J'G(. K\$&'/\*2+"72""67L'574+7""/74

<u>UTUUN</u>					
=	0	G	3	5	F C
<u>UTUUS</u>					
=	5	A	C		
<u>UTUUR</u>					
=	0	G	3	F	C
<u>UTUSN</u>					
=	0	G	3	5	F C
<u>UTUST</u>					
=	G	3	F	C	
<u>UTUSS</u>					
=	0	G	3	5	F C
<u>UTRN&lt;</u>					
=	G	3	F	C	
<u>UTRUS</u>					
=	0	3	F	A	C
<u>UTRUR</u>					
=	0	3	5	F	A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+;)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" LL

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/| ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0123456789:;<<

8=1C='GEHH5A5'EF'15GCBEHEAI '8=B=X=M=3I 'BE! 1C'M=! D!

0/672-J'G(. K\$&'/\*2+"72""67L'574+7""/74

\*585\*15! 'M=\*\*

UU: V: PRV; Q	UU: VOPSSOQ	UU: U<PO<RQ	UU: UVPURRQ
UU: UUPS: UQ	UU: USPRT; Q	UU: URPR; OQ	UU: S<P<; ; <Q
UU: S: PUSSQ	UU: SNPRVNQ	UU: SSPRS<Q	UU: SRPO: <Q
UU: R; PSO<Q	UU: R<PRRVQ	UU: RTPRTNQ	UU: RVPSO: Q
UU: RUPONNQ	UU: O<PSTOQ	UU: ONPS<NQ	UU: OVPRNNQ
UU: OUPRVVQ	UU: OSPSRNQ	UU: OOPSNRQ	UUN; <PR: OQ
UUN; OPSOSQ	UUN<; PSROQ	UUN<: PRSVQ	UUN<TPR: ; Q
UUN<VPO; ; Q	UUN<UPSNNQ	UUN<OPRV: Q	UUN: ; PSUOQ
UUN: <PR: UQ	UUN: NPRROQ	UUN: TPRRVQ	UUN: VPO: : Q
UUN: RPSUUQ	UUN: OPRV<Q	UUNN; PR: NQ	UUNNTPR<OQ
UUNNUPR; UQ	UUNNRPT: Q	UUNT<PR; VQ	UUNT: PSO: Q
UUNTNPR<OQ	UUTTVPSS<Q	UUTV; PRTUQ	

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

LM

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

! "\$%&'()\*"+, &-'\* ". "#&"/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

-----  
8=1C='GEHH5A5'EF'15GCBEHEAI '8=B=X=M=3I 'BE! 1C'M=! D!  
-----

O/672-J'G(. K\$&/'\*2+"72"'67L'574+7"/+74

M=M5! 'M=\*\*

UU: V<

= 0 C

UU: VN

= 0 G 3 5 C

UU: VT

= F C

UU: VV

= 0 G 3 5 F C

UU: VU

= 0 C

UU: VS

C

UU: VR

= 0 G 3 5 F C

UU: U:

= 0 3 5 F A C

UU: UN

O G C

UU: UT

= 0 3 5 C

UU: UO

C

UU: S;

= 0 3 5 F A C

UU: ST

= 0 C

UU: SU

= 0 5

UU: SO

C

UU: R:

= 0 3 5 F C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&\*'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

LN

-----  
?<2@/) &A+('/; 8+1&+! "#\$%#&' +! <-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+  
7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K  
-----



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

! "\$%&'()\*"+, &-'\* ". "#&/'0'1'2-'3'4/'5, 6. +76&+(7'869';;<<

-----  
8=1C='GEHH5A5'EF'15GCBEHEAI '8=B=X=M=3I 'BE! 1C'M=! D!

O/672-J'G(. K\$&/'\*2+"72"'67L'574+7"/+74

M=M5! 'M=\*\*

UU: RN

5 C

UU: RS

= 0 3 5 F A C

UU: RR

= 0 3 5 F A C

UU: O;

A C

UU: O:

= 0 3 5 C

UU: OT

= 0 G 5 F A C

UU: OR

= 0 G 3 5 F C

UUN; ;

= 0 3 F A C

UUN; :

= A C

UUN; N

= 0 3 F C

UUN; T

= 0 3 5 A C

UUN; U

= 0 G 3 5 F C

UUN; S

= 0 3 5 F A C

UUN; R

= 0 G 5 F C

UUN<<

= 0 G 3 5 F C

UUN<S

= C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, --. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

L0

-----  
| ?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*"+, -. /01/2/3)45/6+0' /-50: \*+ |  
7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\* /0123456789:;<<

8=1C='GEHH5A5'EF'15GCBEHEAI '8=B=X=M=3I 'BE! 1C'M=! D!

M=M5! 'M=**	O/672-J'G(. K\$&'/*2+"72""67L'574+7""/+74				
<u>UUN&lt;R</u>					
= G	3	5	F	C	
<u>UUN: :</u>					
= C					
<u>UUN: U</u>					
= 0	G	3	5	F	C
<u>UUNN&lt;</u>					
= 0	G	3	5	A	C
<u>UUNN:</u>					
= 0	G	3	5	F	C
<u>UUNNN</u>					
= 0	G	3	5	F	C
<u>UUNNV</u>					
= 0	G	3	5	F	C
<u>UUNNS</u>					
= 0	3	5	F	A	C
<u>UUNNO</u>					
= 0	3	5	F	A	C
<u>UUNT;</u>					
= 0	3	5	F	A	C
<u>UUTNS</u>					
= 0	3	5	F	C	

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!"" %&'()\*+, -./0\*1+ .&2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" LP

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K



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

! "\$%&'()\*"+, &-'\* ". "#&"/'0'1'2-'3'4/'5, 6. +76&+(7'869': ; <<

8EDB1'Y?EB'GEHH5A5'EF'5BA?B55! ?BA'X=3=88=B?11=

0/672-J'G(. K\$&/'\*2+'72''67L'574+7''/74

\*585\*15! 'M=\*\*

T<<STPRVVQ	T<<SVPOT; Q	T<<SUPRUTQ	USS<<PRTOQ
USS<TPSORQ	USS<RPO; TQ	USS<OPONTQ	USS: <POS: Q
USS: : PO: <Q	USS: NPRUUQ	USSN<PRT; Q	USSNTPRU; Q
USSNUP<; : RQ	USSNSPOUVQ	USSNOPRUTQ	USST<PSOSQ
USST: PSVRQ	USSTNPRTTQ	USSTVPO; UQ	USSTSPO<TQ
USSTOPRU<Q	USSV<POU: Q	USSVNPR<TQ	USSVTPR<TQ
USSVUPS: OQ	USSVRPRR<Q	USSVOPOS: Q	USSU; PRRVQ
USSU<PRVUQ	USSUNPRRUQ	USSUTPOTNQ	USSUUPOVRO
USSUSPRRTQ	USSURPRUVQ	USSS: POURQ	USSSVPRRNQ
USSSUPROOQ	USSSOPRO: Q	USSR<PONRQ	USSRVPSO<Q
USSRSPON; Q	USSO; PROUQ	USSO: PR: UQ	USSONPSS; Q
USSOTPSTSQ	USSOVPRTUQ	USSOUPRRSQ	USSOSPR<; Q
USSORPSOSQ	USSOOPON<Q	USR; ; PONNQ	USR; : PRUUQ
USR; TPS: UQ	USR; VPO; <Q	USR; UPSUOQ	USR; SPSTTQ
USR; RPRVTQ	USR; OPROVQ	USR<; PRSNQ	USR<SPS: : Q
USR<RPRTVQ	USR<OPS; OQ	USR: ; PSUUQ	USR: : PRRSQ
USR: NPRORQ	USR: TPRRNQ	USR: VPRNNQ	USR: UPRS<Q
USR: RPR<NQ	USR: OPSTNQ	USRN; PRU<Q	USRN<PR; : Q
USRNNPRV: Q	USRNTPRTSQ	USRNUPRSVQ	USRT; PRUTQ
USRT<PRS; Q	USRT: POU<Q		

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

LQ

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K







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

! "#\$%&'()\*+,-. /\*\$0&1 23456. +76&+(7'869':;<<

8EDB1'Y?EB'GEHH5A5'EF'5BA?B55! ?BA'X=3=88=B?11=

O/672-J'G(. K\$&'/\*2+"72""67L'574+7""/+74

M=M5! 'M=\*\*

- USSR
- = C
- USSR;
- = 0 3 5 A C
- USSRN
- = 0 3 5 C
- USSRT
- = 0 5 A C
- USSRU
- = 0 3 5 C
- USSRR
- = 0 3 5 F A C
- USSO<
- C
- USR;<
- = 0 G 3 5 F C
- USR;N
- = 0 G 3 5 F C
- USR<;
- C
- USR<<<
- = 0 3 5 F A C
- USR<N
- = 3 5 A C
- USR<T
- C
- USR<V
- = G 3 5 C
- USR<U
- C
- USR:<
- = 3 C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+;)6;

!"#!\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+! "" M"

?<2@/) &A+(' /; 8+1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C; ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: : >: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<>

8EDB1'Y?EB'GEHH5A5'EF'5BA?B55! ?BA'X=3=88=B?11=

O/672-J'G(. K\$&'/\*2+"72""67L'574+7""/+74

M=M5! 'M=\*\*

USR: S

C

USRN:

C

USRNV

C

USRNS

C

USRNR

C

USRNO

= 3 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

M\$

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-. /0123456789:;<=>

8D\*=H?='GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'XD80=YC='  
M=1C=B=81C?11=

0/672-J'G(. K\$&'/\*2+72''67L'574+7''/+74

\*585\*15! 'M=\*\*

S<; UUPRS: Q	S<; USPUTRQ	S<; URPR: NQ	S<; UOPSUSQ
S<; S<PO: VQ	S<; STPSVRQ	S<; SVPSSNQ	S<; SSPO: RQ
S<; SOPO: RQ	S<; R; PR; : Q	S<; R<PSTNQ	S<; R: PROTQ
S<; RSPSNUQ	S<; O: PRVRQ	S<; ONPO; TQ	S<; OVPRVRQ
S<; ORPRRVQ	S<<; NPRT: Q	S<<; TPRU; Q	S<<; UPO<; Q
S<<; RPRS: Q	S<<<; PSS: Q	S<<<; PR; ; Q	S<<<; UPS: : Q
S<<<; ; PO; TQ	S<<<; : PSUUQ	S<<<; VPSNUQ	S<NVUPR<<Q
S<NVSPQ<RQ			

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+ .&2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

ML

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869';;<<

8D\*=H?!='GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'XD80=YC='  
M=1C=B=81C?11=

O/672-J'G(. K\$&'/'\*2+'72''67L'574+7''/74

M=M5! 'M=\*\*

<u>S&lt;;S;</u>					
=	0	3	5	F	A C
<u>S&lt;;S:</u>					
=	0	3	5	F	A C
<u>S&lt;;SN</u>					
=	0	3	5	F	A C
<u>S&lt;;SU</u>					
=	0	G	3	5	F C
<u>S&lt;;SR</u>					
=	0	3	5	F	A C
<u>S&lt;;RN</u>					
=	0	G	3	5	F C
<u>S&lt;;RT</u>					
=	0	G	3	5	F C
<u>S&lt;;RU</u>					
=	0	G	3	5	F C
<u>S&lt;;RR</u>					
=	0	3	5	F	A C
<u>S&lt;;RO</u>					
=	0	G	3	5	F C
<u>S&lt;;O;</u>					
=	0	G	3	5	F C
<u>S&lt;;O&lt;</u>					
=	0	5	C		
<u>S&lt;;OT</u>					
=	0	5	F	A	C
<u>S&lt;;OU</u>					
=	0	3	5	F	A C
<u>S&lt;;OS</u>					
C					
<u>S&lt;;OO</u>					
=	0	G	3	5	F C

%109:33;

0000000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -./0\*1+ .&2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+\$! ""

MM

?<2@/) &A+( '/' ; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -./01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: .>: 2K



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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

8D\*=H?!='GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'XD80=YC='  
M=1C=B=81C?11=

M=M5! 'M=\*\*

0/672-J'G(. K\$&'/'\*2+'72''67L'574+7''/74

S<<;;

= 0 3 5 F A C

S<<;<

= 0 G 3 5 F C

S<<;:

= 0 3 5 F A C

S<<;V

= 0 3 5 F C

S<<<<

= 0 3 5 F A C

S<<<N

= C

S<<<T

= 0 3 F A C

S<<<V

= 0 3 5 F A C

S<<<S

= 0 3 5 F A C

S<<<R

= 0 3 F A C

S<<<0

= A C

S<<:<

= 0 3 5 F A C

S<<:N

= 0 G 3 A C

S<<:T

= A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

MN

?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<<

\*G8\*\*GCEEH'EF'5BAAWZ'15GCBEHEAI 'X=! DXD11I

O/672-J'G(. K\$&'/\*2+"72""67L'574+7""/74

\*585\*15! 'M=\*\*

S; U<RPO<RQ	S; U<OPRO<Q	S; U: ; PR<UQ	S; U: <PRSSQ
S; U: NPSROQ	S; U: TPRUUQ	S; U: VPSRSQ	S; U: UPOTRQ
S; U: OPRUTQ	S; UN; PRRRQ	S; UN<PR; OQ	S; UN: PROUQ
S; UNNPSTTQ	S; UNTPRTOQ	S; UNRPRSVQ	S; UNOPSOTQ
S; UT<PSRTQ	S; UT: POVSQ	S; UTNPRSOQ	S; UTVPROUQ
S; UTOPRR: Q	S; UV; PR<; Q	S; UV: PSURQ	S; UVNPRROQ
S; UVTPRNUQ	S; UVVPRU<Q	S; UVUPRRTO	S; UVRPSTRQ
S; UU; PSUUQ	S; UU: PRVVQ	S; UUNPRT; Q	S; UUTPSVVQ
S; UUVPONVQ	S; UUUUP<; <OQ	S; UUSPRNTQ	S; UURPSU<Q
S; UUOPONNQ	S; US<PSOOQ	S; US: PSORQ	S; USNPO: : Q
S; USTPO: VQ	S; USVPRRUQ	S; USSPOR<Q	S; USRPR<: Q
S; USOPO: VQ	S; UR; PON: Q		

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

MO

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-.\*/0123456789:;<<

\*G8\*\*GCEEH'EF'5BAAWZ'15GCBEHEAI 'X=! DXD111

M=M5! 'M=\*\*  
S; USU  
= 0 G 3 5 F C  
O/672-J'G(. K\$&'/\*2+"72""67L'574+7""/+74

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" MQ  
?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<<

\*! 55'B=! =I =B='AD! DXDH=8'GEHH5A5'EF'5BA?B55! ?BA'XEH5BGC5! ! I

0/672-J'G(. K\$&'/\*2+"72""67L'574+7""/74

\*585\*15! 'M=\*\*

TOONVPSO; Q	TOONUPRVN0	TOONSPRO: 0	TOONRPR: TQ
TOONOPRNTQ	TOOT; PSTRQ	UO: : <PRNTQ	UO: : NPR<VQ
UO: : TPR<OQ	UO: : VPR: NQ	UO: : SPSSSQ	UO: : OPSSUQ
UO: N; PR<OQ	UO: N<PRR<Q	UO: N: PRSNQ	UO: NNPRORQ
UO: NTPR: SQ	UO: NVPROSQ	UO: NUPO: SQ	UO: NSPSR<Q
UO: NRPR<Q	UO: NOPSNTQ	UO: T; PSOSQ	UO: T<PO: TQ
UO: T: POOTQ	UO: TNPROTQ	UO: TTPRONQ	UO: TVPRUOQ
UO: TUPRTRQ	UO: TSPRURQ	UO: TRPSOVQ	UO: TOPRVNQ
UO: V; PO<OQ	UO: V<PROTQ	UO: V: POS<Q	UO: VNPR; <Q
UO: VVPS; UQ	UO: VUPO; SQ	UO: VSPR<; Q	UO: VRPRV<Q
UO: VOPSU: Q	UO: U<PRS; Q	UO: U: PRTQ	UO: UTPS: UQ
UO: URPRTNQ	UO: S; PSN<Q	UO: S<PRNOQ	UO: S: PRTVQ
UO: SNPOU<Q	UO: STPR: VQ	UO: SUPRRNQ	UO: SSPOTNQ
UO: SRPR<UQ	UO: SOPO; NQ	UO: R<PSVSQ	UO: RTPRSUQ
UO: RVPSOUQ	UO: RUPSRQ	UO: RSPRVQ	UO: RRPSOTQ
UO: ROPRU<Q	UO: O; PRTQ	UO: O<PSO; Q	UO: ONPSVRQ
UO: OTPRVSQ	UO: OVPRRTQ	UO: OUPRURQ	UO: OSPO; : Q
UO: ORPRU<Q	UO: OOPOTRQ	UON; ; PSSTQ	UON; <PRRVQ
UON; : PSR<Q	UON; NPSSSQ	UON; VPSR; Q	UON; RPR; ; Q
UON; OPR: TQ	UON<; PRNVQ	UON<<PS<VQ	UON<: PSROQ
UON<VPSTSQ	UON<UPOTOQ	UON<SPSTTQ	UON<RPR: UQ
UON<OPRTVQ			

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

MR

?<2@/)&A+('/; 8\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G'1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K







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

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

\*! 55'B=! =I =B='AD! DXDH=8'GEHH5A5'EF'5BA?B55! ?BA'XEH5BGC5! ! I |

M=M5! 'M=\*\* O/672-J'G(. K\$&'/'\*2+"72""67L'574+7""/+74

<u>UON&lt;N</u>					
=	0	G	3	5	F C

<u>UON&lt;T</u>					
=	0	G	3	F	C

<u>UON: ;</u>					
=	0	3	5	F	A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+:)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" N"

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + ' < - \* B: 3&+A&C&)<@&A+D>+()\* \*+, -./01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\* /0'1"2-'3"4/'5,6. +76&+(7"869':;<<

\*=?B1A?1\*'GEHH5A5'EF'5BA?B55! ?BA'M=1C=8D11E8'X18

0/672-J'G(. K\$&'/\*2+"72""67L'574+7""/74

\*585\*15! 'M=\*\*

S<RU<PO: <Q	S<RU: PR; TQ	S<RUTPRSVQ	S<RUVPROVQ
S<RUUPONNQ	S<RUSPRUUQ	S<RURPONTQ	S<RS<PRVTQ
S<RS: PONVQ	S<RSNPRN: Q	S<RSTPO: TQ	S<RSVPRO: Q
S<RSSPSSRQ	S<RSRPRORQ	S<RSOPSR<Q	S<RR; POVUQ
S<RR: PR: : Q	S<RRNPONTQ	S<RRVPRRSQ	S<RRUPRS; Q
S<RRSPOOOQ	S<RRRPSTSQ	S<RROPRNVQ	S<RO; PROOQ
S<RO<PR: TQ	S<RO: PRVUQ	S<RONPRUSQ	S<ROTPO<VQ
S<ROSPSVRQ	S<RORPRV; Q	S<ROOPRTRQ	S<O; <PSS: Q
S<O; : PRR: Q	S<O; NPRTRQ	S<O; TPR; UQ	S<O; VPR: NQ
S<O; UPOU<Q	S<O; SPSROQ	S<O; RPR<OQ	S<O; OPRSOQ
S<O<; PSORQ	S<O<<PSNUQ	S<O<: POT<Q	S<O<NPO: RQ
S<O<VPRUUQ	S<O<UPSTUQ	S<O<SPSONQ	S<O<RPO<VQ
S<O<OPRUVQ	S<O: <PS: : Q	S<O: : PSRNQ	S<O: TPRN; Q
S<O: VPROUQ			

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

N\$

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+ , - . /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\* /0'1"2-'3"4/""5,6. +7&+(7"869':;<<

-----  
\*=?B1A?1\*'GEHH5A5'EF'5BA?B55! ?BA'M=1C=8D11E8'X18

M=M5! 'M=\*\*      O/672-'J'G(. K\$&/'\*2+"72""67L'574+7""/74

<u>S&lt;RUN</u>					
=	0	3	5	F	A C
<u>S&lt;RUQ</u>					
=	0	3	5	F	A C
<u>S&lt;RS;</u>					
=	0	3	5	C	
<u>S&lt;RSU</u>					
=	3	5	F	C	
<u>S&lt;RR&lt;</u>					
=	0	3	5	F	A C
<u>S&lt;ROV</u>					
=	0	3	F	C	
<u>S&lt;ROU</u>					
=	0	3	5	F	A C
<u>S&lt;0; ;</u>					
=	0	3	5	F	A C
<u>S&lt;0&lt;I</u>					
=	0	C			
<u>S&lt;0: ;</u>					
=	0	G	3	5	F C
<u>S&lt;0: N</u>					
=	0	G	3	5	F C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, --. /0\*1+. &2&\*&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+#! ""

NL

-----  
| ?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ |  
7#' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./:;<=>?@A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

\*1'>E\*5MC\*"GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI '  
GCEEB3=GC5! ! I 'M=H=

O/672-J'G(. K\$&'/'\*2+"72""67L'574+7""/74

\*585\*15! 'M=\*\*

UVVR<PS: SQ	UVVRTPRURQ	UVVRSPRSUQ	UVVRRPO; RQ
UVVROPSOQQ	UVVO: PRS; Q	UVVONPOTSQ	UVVOTPRRUQ
UVVOUPO; <Q	UVVORPR<<Q	UVVOOPR; OQ	UVU; ; PRT: Q
UVU; : PRNTQ	UVU; NPSNNQ	UVU; TPRNSQ	UVU; VPRVUQ
UVU; UPRUOQ	UVU; SPRTTQ	UVU; RPRNQ	UVU<; PRS; Q
UVU<<PST: Q	UVU<; PR; RQ	UVU<NPSSRQ	UVU<TPSVNQ
UVU<VPRNVQ	UVU<UPRNRQ	UVU<RPRTTQ	UVU<OPO; <Q
UVU; ; PSSTQ	UVU: <PSTRQ	UVU: : POTRQ	UVU: NPSN<Q
UVU: TPRNSQ	UVU: VPON: Q	UVU: UPO: SQ	UVU: SPROOQ
UVU: RPRVSQ	UVU: OPRVVQ	UVUN; PO<VQ	UVUN<PS; NQ
UVUN: PSSRQ	UVUNNPRS<Q	UVUNVPRV<Q	UVUNUPOURQ
UVUNSPRUSQ	UVUNRPOUTQ	UVUNOPRO<Q	UVUT; PSO<Q

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -./0\*1+ .&2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

NM

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+,-.\* /0123456789:;<<

-----  
\*1>E\*5MC\*"GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI '  
GCEEB3=GC5!! I'M=H=

-----  
M=M5! 'M=\*\* O/672-J'G(. K\$&'/\*2+"72""67L'574+7""/74

M=M5! 'M=\*\*

UVVR:

C

UVVRN

= 0 3 5 F A C

UVVRV

= 0 3 5 F A C

UVV0;

= 0 3 5 F A C

UVV0<

= 0 3 5 F A C

UVVOV

= 0 3 5 F A C

UVVOS

= 0 3 F A C

UVU;<

= A C

UVU;0

= 0 G 3 5 C

UVU<S

= 0 3 5 A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+;)6;

! "#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

NN

-----  
?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+  
7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*\$0&123456789:;<<

@?\* [ =>| E 1?'GEHH5A5'EF'5BAAWZ 15GCBEHEAI '@=YC=XDH=8

0/672-J'G(. K\$&'/\*2+"72""67L'574+7""/74

\*585\*15! 'M=\*\*

US; ; <POUOQ	US; ; : POVNO	US; ; NPO: OQ	US; ; TPRNUQ
US; ; VPR; ; Q	US; ; UPRRSQ	US; ; SPURTQ	US; ; RPSOVQ
US; ; OPO; SQ	US; <; PROVQ	US; <<PRSNQ	US; <; POT<Q
US; <NPO; ; Q	US; <TPO<RQ	US; <VPR<UQ	US; <UPO<<Q
US; <SPR: : Q	US; : <POU: Q	US; : : PORNQ	US; : NPRTNQ
US; : TPOVSQ	US; : VPO; OQ	US; : SPSTOQ	US; : RPROVQ
US; : OPO<UQ	US; N; PRU; Q	US; N<PR; UQ	US; NNP<; <UQ
US; NTPRRTNQ	US; NVPSUUQ	US; NUPORVQ	US; NSPRNNQ
US; NRPRVTQ	US; NOPO; VQ	US; T; PON: Q	US; T<PRN: Q
US; T: POVRQ	US; TNPRURQ	US; TTPO; OQ	US; TVPS<; Q
US; TUPRNSQ	US; TSPR; RQ	US; TRPRVVQ	US; V; PRTNQ
US; V<PONUQ	US; V; PRRRQ	US; VNPVR; Q	US; VTPR: TQ
US; VVPO<; Q	US; VUPR: SQ	US; VSPO; NQ	US; VRPONVQ
US; U; PSTTQ	US; U<PR: VQ	US; UNPO: <Q	US; UTPRSTQ
US; UVPSNVQ	US; UUPRNVQ	US; USPRU: Q	US; URPRRTQ
US; UOPRONQ	US; S<PROSQ	US; STPRRSQ	US; SVPROSQ
US; SSPO: RQ	US; SRPR: <Q	US; SOPRRQ	US; R; POT: Q
US; R<PSVRQ	US; R: PONVQ	US; RTPOVNO	US; RVPR; UQ
US; RUPO; UQ	US; RSPSV<Q	US; ROPRN: Q	US; O<PO; RQ
US; O: PRNOQ	US; ONPRR: Q	US; OTPSNUQ	US; OVPRTTQ
US; OUPRR; Q	US; OSPON; Q	US; ORPROVQ	US; OOPRR; Q
US<; ; PROOQ	US<; <PR: TQ	US<; TPRU; Q	US<; VPR<VQ
US<; RPRTRO	US<; OPO: TQ	US<<; PRV: Q	US<<<PSRRQ
US<<; PO: TQ	US<<NPR<UQ	US<<TPRU: Q	US<<<VPSUUQ
US<<<UPRSRQ	US<<<SPRSTQ	US<<<RPO; UQ	US<<<OPRO: Q
US<; ; PRSQ	US<; <PRO: Q	US<; NPRTNQ	US<; TPSN<Q

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

NO

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -./01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' / \* >+ J < \* \* : > : 2K



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +7&+(7'869':;<<

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| @?\* [ =>| E1?'GEHH5A5'EF'5BAAWZ15GCBEHEAI '@=YC=XDH=8 |  
-----

M=M5! 'M=\*\*

O/672-'J'G(. K\$&/'\*2+'72'''67L'574+7'''/74

US;<R

= 0 G 5 F C

US;::

= 0 G 3 F A C

US;:U

= 0 3 5 F A C

US;N:

= 0 3 5 F A C

US;T0

= 0 3 5 F A C

US;V0

= 0 3 5 F A C

US;U:

= 3 5 F A C

US;S;

O G 3 5 F A C

US;SN

= 0 3 5 F A C

US;SU

= 0 3 5 F A C

US;RN

= 0 3 5 F C

US;RR

= 0 3 5 F C

US;0;

= 0 G 3 5 F C

US<;N

= 0 3 5 F A C

US<;U

= 0 3 5 F A C

US<;S

= 0 3 5 F C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+ . &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+! ""

NP

-----  
| ?<2@/) &A+('/; 8\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , - . / 0 1 2 / 3 4 5 / 6 + 0' / - 5 0: \* + 7 # ' # 8 E F: 3 & & G' 1: + 4 1: C: ; [+ = : 1: \* 2: + H: ; A 1 / + | ; / C & 3' / \* > + J < \* \* : > : 2 K |  
-----



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

! "#\$%&'()\*+,-./\*\$0&12\$\$"0"%

-----  
@?\* [ =>| E1?'GEHH5A5'EF'5BAAMZ 15GCBEHEAI '@=YC=XDH=8

M=M5! 'M=\*\*

O/672-J'G(. K\$&'/\*2+"72"'67L'574+7"' /+74

<u>US&lt;: :</u>						
= 0	3	5	F	A	C	
<u>US&lt;: V</u>						
= 0	3	5	F	A	C	

%109:33;

000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+:)6;

-----  
!"#!#\$!"" %&'()\*+,-./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" NQ

-----  
?<2@/)&A+' /; 8+\*1&+! "#\$%#&' +' <-\*B: 3&+A&C&<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/ +I ; /C&3' />+J <\*: : >: 2K





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

! "#\$%&'()\*+,-./\*0123456789:;<=>

\*! 55'B=! =I =B='8=BA=H=8'?B\*1?1D15'EF'\*G?5BG5'=B3'15GCBEHEAI '  
BE! 1C'M=! D!

0/672-'J'G(. K\$&'/'\*2+'72''67L'574+7''/74

\*585\*15! 'M=\* \*

VNNSNPSRTQ	VNNSVPROTQ	VNNSUPRV<Q	VNNSSPURSQ
S; <TVPSOQ	S; <TSPO<; Q	S; <TOPS: <Q	S; <V; PRVOQ
S; <V: PSNOQ	S; <VNPSO<Q	S; <VTPSU: Q	S; <VVPRRSQ
S; <VUPRNUQ	S; <VSPSVQ	S; <VRPO<SQ	S; <VOPR<NQ
S; <U; PS; SQ	S; <U<PSOTQ	S; <U: PSVRQ	S; <UVPRT: Q
S; <UUPO; NQ	S; <USPRO<Q	S; <S<PSTNQ	S; <SNPRUTQ
S; <SVPSSRQ	S; <SUPR: RQ	S; <SSPR: NQ	S; <SRPSVVQ
S; <SOPRNNQ	S; <R; PSUNQ	S; <R<PRTOQ	S; <R: PR<<Q
S; <RNPRTQ	S; <RTPUSSQ	S; <RUPRSTQ	S; <RRPR; NQ
S; <ROPRUQ	S; <O; PSU; Q	S; <O: PRS: Q	S; <OVPRSRQ
S; <OUPR; RQ	S; <OSPRRNQ	S; <ORPRRSQ	S; ; ; ; PRV<Q

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$-5:6-+;)6;

!"#!\$!""

%&'()\*+, -. /0\*1+ .&2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

NR

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+&-'\* ". "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

-----  
\*! 55'B=! =I =B='8=BA=H=8'?B\*1?1D15'EF'\*G?5BG5'=B3'15GCBEHEAI '
BE! 1C'M=! D!|

0/672-'J'G(. K\$&'/'\*2+'72''67L'574+7''/74

M=M5! 'M=\*\*

VNNST

= 3 C

S;<T<

= 0 3 F A C

S;<T:

= 0 G 5 F A C

S;<TN

= 0 3 5 F A C

S;<TT

= 0 3 5 F A C

S;<TU

= 0 3 F A C

S;<UN

= 0 3 5 F A C

S;<UT

= 3 F A C

S;<UR

= 0 3 5 F A C

S;<UO

= 0 3 5 F C

S;<S;

C

S;<S:

= 3 5 F A C

S;<ST

= 0 G 3 F A C

S;<RV

= 0 3 5 F A C

S;<RS

= 0 G 3 5 F C

S;<O<

= 0 3 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$-5:6-+:)6;

-----  
!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" 0!

-----  
?<2@/) &A+(' /; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; E+=: 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K  
-----



! "#\$%"&' " ()#\*&+(\*, -./\*\$0&12\$\$"0"%

! "#\$%&'()\*+,-.\* /0123456789:;<<

\*! 55'B=! =l =B='8=BA=H=8'?B\*1?1D15'EF'\*G?5BG5'=B3'15GCBEHEAI '|

BE! 1C'M=! D!

M=M5! 'M=\*\*

O/672-J'G(. K\$&'/\*2+72''67L'574+7''/74

S;<0N

= 0 3 5 F A C

S;<0T

= 0 3 5 F A C

S;<0O

= 0 G 3 5 F C

%109:33;

00000000000000000000000000000000 (<="

7)6+.)33/.0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+,--./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

0"

?<2@/) &A+('/; 8+1&+! "#\$%#&' +! <-\*B: 3&+A&C&)<@&A+D>+()\*+,\* -./012/3)45/6+0' /-50:\*+

7# ' #8EF: 3&&G' 1: +41: C; [+ =: 1:\*2: +H: ; A1/| ; /C&3' /'>+J <\* \*: >: 2K



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

! "#\$%&'()\*+,-.\* /0123456. +76&+(7"869';;<<

DB?@5! \*?1I 'GEHH5A5'EF'5BA?B55! ?BA'1CE3DMDYC=

O/672-J'G(. K\$&'/\*2+"72""67L'574+7""/74

\*585\*15! 'M=\*\*

<VV; OPRTOQ	<VV<<PRTTQ	U: UNNPR<VQ	U: UNTPRN<Q
U: UNVPRNRQ	U: UNRPRORQ	U: UNOPSONQ	U: UT; PRTNQ
U: UT<PUSVQ	U: UT: PR<VQ	U: UTTPSVOQ	U: UTUPRU; Q
U: UTRPR: ; Q	U: UTOPRSVQ	U: UV; PSRRQ	U: UV: PSTVQ
U: UVVPO<TQ	U: UVSPO: VQ	U: UVOPSOUQ	U: UU; PRU<Q
U: UU<PRS<Q	U: UU: PSR; Q	U: UUNPSNRQ	U: UUTPSTUQ
U: UUPRTRQ	U: UUSPOVSQ	U: UURPRVUQ	U: UUOPR<: Q
U: US; PR<<Q	U: USNPSTUQ	U: USVPS<SQ	U: USUPST; Q
U: USRPR<NQ	U: USOPSVQ	U: UR; PRNTQ	U: UR<PR: <Q
U: UR: PS; ; Q	U: URTPRNRQ	U: URUPRU<Q	U: URSRVOQ
U: UROPR<: Q	U: UO<PRN<Q	U: UOTPR: SQ	U: UOVPO: OQ
U: UOUPSR: Q	U: UORPRS: Q		

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

0\$

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,\*-,./01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

DB?@5! \*?11 'GEHH5A5'EF'5BA?B55! ?BA'1CE3DMDYC=

M=M5! 'M=\*\* O/672-'J'G(. K\$&'/'\*2+'72''67L'574+7''/+74

- <VV<;
- = 0 3 F A C
- U: UNU
- = C
- U: UNS
- F C
- U: UTN
- = 0 G 3 5 A C
- U: UTV
- = 0 3 5 F A C
- U: UTS
- = 0 3 5 F A C
- U: UV<
- O C
- U: UVN
- = 0 3 A C
- U: UVT
- = 0 3 5 F A C
- U: UVU
- = 3 C
- U: UVR
- = 0 3 5 F C
- U: UUV
- = 0 3 5 F A C
- U: US<
- = 0 3 5 F A C
- U: US:
- = 0 3 5 F A C
- U: UST
- = 0 3 5 F A C
- U: USS
- = 0 3 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$-5:6-+:)6;

! "#! # \$! "" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" OL

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , - . / 0 1 / 2 / 3) 4 5 / 6 + 0' / - 5 0: \* + 7 # ' # 8 E F: 3 & & G' 1: + 4 1: C: ; [+ =: 1: \* 2: + H: ; A 1 / + I ; / C & 3' / \* > + J < \* \*: >: 2 K



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

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

DB?@5! \*?11 'GEHH5A5'EF'5BA?B55! ?BA'1CE3DMDYC=

O/672-J'G(. K\$&'/'\*2+"72""67L'574+7""/+74

M=M5! 'M=\*\*

U: URV

= 0 3 5 F A C

U: UO;

= G 3 5 F A C

U: UO:

= G F C

U: UON

= 0 3 5 F A C

U: UOS

= 3 C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

! "#"!#\$! ""

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

OM

?<2@/) & A + ( ' / ; 8 + \* 1 & + ! "#\$%#&' + ' < - \* B : 3 & + A & C & ) < @ & A + D > + ( ) \* + , - . / 0 1 / 2 / 3 ) 4 5 / 6 + 0 ' / - 5 0 : \* + 7 # ' # 8 E F : 3 & & G ' 1 : + 4 1 : C ; [ + = : 1 : \* 2 : + H : ; A 1 / + I ; / C & 3 ' / \* > + J < \* \* : > : 2 K



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

ON

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/I ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*"+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

! =>?@'A=B3C?'?B\*1?1D15'EF'15GCBEHEAI '@5HHEE!

O/672-J'8"2-67+26%'574+7"/+74

\*585\*15! 'K=\*\*

: LM; : NOMLP	: LM; LNQ: : P	: LM; RNQSLP	MLSQLNQR: P
MLSQMNOTLP	MLSQQT: <P	MLST; NOO; P	MLSTLNQS: P
MLSTRNO; ; P	MLSTSNO; ; P	MLSTMNTQ: P	MLSTQNOLOP
MLSTTNORQP	MLM; ; NQ<MP	MLM; LNORQP	MLM; RNT<TP
MLM; SNT; LP	MLM; MNOQMP	MLM; QNQLQP	MLM; TNO<<P
MLM<; NQSTP	MLM<MNOQLP	MLM<QNORTP	MLM: <NOMQP
MLM: LNO<MP	MLM: RNOR; P	MLM: MNOM; P	MLML<NOT: P
MLML: NOOQP	MLMLLNOSRP	MLMLSNO<; P	MLMLMNOTQP
MLMLONORSP	MLMR<NOL; P	MLMRLNQOTP	MLMRRNO: QP

%109:33;

0000000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+ . &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+\$! ""

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: : >: 2K





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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

! =>?'A=B3C?'?B\*1?1D15'EF'15GCBEHEAI '@5HHEE!

K=K5! 'K=\*\* 0/672-J'8"2-67+26%'574+7'''/74

:LM;<  
 F A C  
:LM;S  
 = C  
MLSQ<  
 5 F C  
MLSQ:  
 = 0 G 3 5 F A  
MLSQS  
 0 3 5 F A  
MLSQO  
 C  
MLSQT  
 0 G 3 5 F A C  
MLST<  
 0 G 5 F A C  
MLST:  
 0 F A C  
MLSTO  
 = 0 G F A C  
MLM;<  
 A C  
MLM;:  
 = A C  
MLM;0  
 G 5 F A C  
MLM<<  
 A C  
MLM<:  
 G F A C  
MLM<L  
 G 5 A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" \$

?<2@/) &A+(' /; 8\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-.\* /0'1'2-'3'4/'5,6. +76&+(7'869':;<<

8=! '=1C=B=\*?D\*'5BA?B55! ?BA'GEHH5A5'UE1C=8=BA=H=8

O/672-J'8"2-67+26%'574+7"/+74

\*585\*15! 'K=\*\*

M<M<TNQM; P	M<M: ; NO: MP	M<M: : NOQSP	M<M: LNOSSP
M<M: RNQRSP	M<M: SNMMSP	M<M: MNO: MP	M<M: QNO: QP
M<ML<NMMTP	M<MLLNTSTP	M<MLRNOQTP	M<MLSNOTMP
M<MLMNQO; P	M<MLQOQS; P	M<MLTNT; LP	M<MR; NOQ; P
M<MR<NORQP	M<MR: NOTLP	M<MRRNOO<P	M<MRMNQL<P
M<MRONOL<P	M<MRTNQROP	M<MS; NQRSP	M<MS: NO; OP
M<MSMNT: ; P	M<MSONQ; SP	M<MSQNQOLP	M<MM; NOSSP
M<MM<NOQTP	M<MM: NQROP	M<MMLNQ: <P	M<MMRNQ; OP
M<MMSNO: ; P	M<MMMNOQ: P	M<MMONQL<P	M<MO: NOQTP
M<MOLNO<MP	M<MORNQ; QP	M<MOSNOO; P	M<MOMNO<SP
M<MOONOSMP	M<MOTNMQ; P	M<MQ<NT; RP	M<MQ: NQR<P
M<MQLNOL<P	M<MQSNMTQP	M<MQMNT: <P	M<MQONQR<P
M<MQQNT<MP	M<MQTNO: RP	M<MT<NOR<P	M<MT: NQT: P
M<MTRNOO; P	M<MTMNQOSP	M<O; ; NOT: P	M<O; : NO: QP
M<O; RNOM<P	M<O; SNQR: P	M<O; MNQLSP	M<O; QNOSMP
M<O<; NQTSP	M<O<<NQLTP	M<O<SNQ; : P	M<O<MNQ: LP
M<O<ONQOQTP	M<O<TNQ; ; P	M<O; ; NOS: P	M<O: <NOLMP
M<O: : NQROP	M<O: LNQR; P	M<O: SNQS; P	M<O: MNQOLP
M<O: ONQ; LP	M<O: QNOSOP	M<OL; NOMQP	M<OLRNQQ<P
M<OLMNO: RP	M<OLONOOSP	M<TT: NQ<OP	M<TTLNOLTP
M<TTQNO<RP	M: ; ; ; NOM<P	M: ; ; <NQRPP	M: ; ; : NOS: P
M: ; ; LNOQ<P			

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

M

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

8=! '=1C=B=\*?D\*'5BA?B55! ?BA'GEHH5A5'UE1C=8=BA=H=8

K=K5! 'K=\*\* 0/672-J'8"2-67+26%'574+7'''/74

M<M: <  
 = 0 5 F A C  
M<M: 0  
 A C  
M<M: T  
 = G 3 A C  
M<ML:  
 = 0 3 5 F A C  
M<ML:  
 = 0 G 3 5 A C  
M<MLO  
 = 0 5 F A C  
M<MRL  
 3 5 A C  
M<MRS  
 = 0 G 3 5 F A  
M<MRQ  
 = 0 G 3 5 F A  
M<MSR  
 = 0 3 5 F A C  
M<MSS  
 0 5 F A C  
M<MST  
 = G 3 5 F A C  
M<MMQ  
 = 0 G 5 F A C  
M<MO:  
 = 0 G 3 5 F A  
M<MO<  
 = 0 G 5 F A C  
M<MOQ  
 0 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+:)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2\*'3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+! "" N

?<2@/)&A+('/; 8\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<

8=! ' =1C=B=\*?D\*5BA?B55! ?BA'GEHH5A5'UE1C=8=BA=H=8

0/672-J'8"2-67+26%574+7"/+74

K=K5! 'K=\*\*

M<MQ;

= 0 G 3 5 F A

M<MQR

= A C

M<MT;

= 0 G 3 5 F A

M<MTL

= G 3 5 F A C

M<MTS

= 5 F C

M<MTO

= 0 3 5 F A C

M<MTQ

= 3 5 F A C

M<MTT

= 0 G 3 5 F A

M<O;<

O G 3 F A C

M<O;O

= A C

M<O;I

C

M<O<:

= G A C

M<O<R

= 0 G 5 F A C

M<O<Q

O G 3 5 F A C

M<O:R

= 0 G 3 5 F A

M<O:I

A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$-5:6-+:)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+! "" 0

?<2@/) &A+ ('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+! ; /C&3' />+J <\*: >: 2K



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

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

8=! '=1C=B=\*?D\*'5BA?B55! ?BA'GEHH5A5'UE1C=8=BA=H=8

0/672-J'8"2-67+26%574+7""/74

K=K5! 'K=\*\*

M<OL<

= A C

M<OL:

F A C

M<OLL

O G 3 5 A C

M<OLS

= 5 A

M<OLQ

= G 3 5 A C

M<TT<

= O G 3 5 A C

M<TTR

O G 3 5 F A C

M<TTS

O G 3 5 F A C

M<TTT

O G 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+\$! ""

P

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/1 ; /C&3' />+J <\*: : >: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<<

[ =3?'\*C=BU=! ='?B\*1?1D15'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'U=H=3I ]

O/672-J'8"2-67+26%'574+7""/74

\*585\*15! 'K=\*\*

MQR<: NO; <P	MQR<LNQ<MP	MQR<RNOT: P	MQR<SNORSP
MQR<MNQ; TP	MQR<ONO: <P	MQR<QNOM; P	MQR: <NORMP
MQR: : NQOLP	MQR: SNQ<MP	MQR: MNQ: ; P	MQR: ONQL<P
MQR: QNTS: P	MQR: TNOQP	MQRL<NQLQP	MQRL: NOM; P
MORLLNOR<P	MORLRNOR: P	MORLONORMP	MORLQNRPP
MORLTNORLP	MORR; NQSP	MORR<NQ; QP	MORR: NOTMP
MORRLNT: RP	MORRRNT: RP	MORRMNOOSP	MORS<NQL<P
MORSONT: LP	MORSQNO; SP	MORSTNQ; : P	MORM; NMQ: P
MORM<NOL<P	MORM: NQLSP	MORMRNOO: P	MORMQNO: : P
MORMTNOQRP			

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

Q

[ ?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K ]



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

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

-----  
| = 3 ? ' \* C = B U = ! = ' ? B \* 1 ? 1 D 1 5 ' E F ' 5 B A ? B 5 5 ! ? B A ' = B 3 ' 1 5 G C B E H E A I ' U = H = 3 I |

K=K5! 'K=\*\*      O/672-J'8"2-67+26%'574+7""/+74

MQR<<  
= 0 G 3 F A C

MQR<T  
= 0 G 3 5 F A

MQR: L  
G 3 A C

MQR: R  
= 0 G 3 5 F A

MQRL;  
= G 3 5 F A

MQRLS  
3 F A C

MQRLM  
3 A C

MQRRS  
0 G 3 F A

MORRO  
= 0 G 3 5 F A

MORRQ  
0 G F A C

MORRT  
0 G 3 F A C

MQRS;  
0 3 A C

MQRS:  
= 0 3 F A

MQRSL  
0 G 3 5 F A C

MQRSR  
0 F A C

MQRSS  
= 0 G 3 5 F A

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$-5:6-+:)6;

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

-----  
| ? < 2 @ / ) & A + ( ' / ; 8 + 1 & + ! " # \$ % # & ' + ' < - \* B : 3 & + A & C & ) < @ & A + D > + ( ) \* + , - . / 0 1 / 2 / 3 4 5 / 6 + 0 ' / - 5 0 : \* + 7 # ' # 8 E F : 3 & & G ' 1 : + 4 1 : C : ; [+ = : 1 : \* 2 : + H : ; A 1 / + I ; / C & 3 ' / \* > + J < \* \* : > : 2 K |





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

! "#\$%&'()\*+,-./\*0&123456789:;<<

| = 3?\*C=BU=! ='?B\*1?1D15'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'U=H=3I |

0/672-J'8"2-67+26%'574+7"/+74

K=K5! 'K=\*\*

MQRSM

0 G 3 F A C

MQRML

5 F A C

MQRMS

0 G 3 5 F A C

MQRMM

= 0 G 3 5 F A

MQRMO

= 3 F A C

MQRO<

G F A C

MQRO:

= 3 A

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+\$! ""

!"

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<<

=8=H>I E1C?5BA?B55! ?BA"GEHH5A5'UEE@=KK=HHI 'U=B>?! =K=HHI

O/672-J'8"2-67+26%'574+7"/+74

\*585\*15! 'K=\*\*

MMQT<NQTP	MMQT: NQ; RP	MMQTRNQ; <P	MMQTONQ: TP
MMQTONOS<P	MMQTTNT<LP	MMT; <NOROP	MMT; : NOQQP
MMT; RNQOSP	MMT; SNQ: QP	MMT; ONOLSP	MMT; QNOORP
MMT; TNO; OP	MMT<; NQS; P	MMT<SNO; QP	MMT<QNQ<OP
MMT<TNORQP	MMT: RNT<MP	MMT: SNT; <P	MMT: QNMQOP
MMTL<NT<LP	MMTLLNQ<OP	MMTLMNQTP	MMTLONOTQP
MMTLQNMTP	MMTLTNQ<: P	MMTR<NORQP	MMTR: NTSTP
MMTRLNOSQP	MMTRRNQLSP	MMTRSNQ<MP	MMTRMNQM; P
MMTRONQ; <P	MMTRQNT<MP	MMTRTNQ; OP	MMTS; NOLTP

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

-----  
=8=H>I E1C?'5BA?B55! ?BA"GEHH5A5'UEE@=KK=HHI 'U=B>?! =K=HHI  
-----

K=K5! 'K=\*\* 0/672-J'8"2-67+26%'574+7'''/74

MMQTL  
= G 3 5 F A C

MMQTS  
= A C

MMQTM  
= A C

MMT;;  
G 5 F C

MMT;L  
= 3 5 F C

MMT;M  
= G 3 5 F A C

MMT<<  
= 0 3 5 F A C

MMT<:  
= 3 F A C

MMT<L  
= G 3 5 F C

MMT<R  
3 5 F C

MMT<M  
= 3 5 F A C

MMT<O  
= 3 F A C

MMT::  
3 5 F A C

MMT:<  
0 G 3 5 F A C

MMT::  
5 F A C

MMT:L  
F C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+:)6;

-----  
!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+! "" "\$

-----  
?<2@/) &A+('/; 8\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K  
-----



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

! "#\$%&'()\*+,-.\* /0123456. +7&+(7"869':;<<

=8=H>I E1C?'5BA?B55! ?BA"GEHH5A5'UEE@=KK=HHI 'U=B>?! =K=HHI

K=K5! 'K=\*\* 0/672-J'8"2-67+26%'574+7"/+74

MMT: M

O G 3 5 F A C

MMT: Q

G 3 5 F A C

MMT: T

= 0 G 3 5 F C

MMTL;

= 0 3 5 F A C

MMTL:

= 5 F A C

MMTLR

F C

MMTLS

O G 5 F A C

MMTR;

O G 3 5 F A C

MMTS<

O G 3 5 F A C

MMTS:

= 5 F C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+\$! ""

"L

?<2@/) &A+(' /; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

G==! 85H'5BA?B55! ?BA'GEHH5A5'K5! ?B=3D'! =BB?

0/672-J'8"2-67+26%'574+7"/+74

\*585\*15! 'K=\*\*

MTO<<NOM<P

MTO<SNQMOP

MTO: LNO<OP

MTO: RNOMOP

MTO: SNOOSP

MTO: TNOLSP

MTOL; NQLRP

MTOLSNOOSP

MTORRNO: : P

MTORONQRLP

MTOS<NO: QP

MTOSRNOSLP

MTOSSNQL: P

MTOSQNQR<P

MTOMTNOOTP

MTOOLNT<: P

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

"M

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' +! <-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

G==! 85H'5BA?B55! ?BA'GEHH5A5'K5! ?B=3D'! =BB?

K=K5! 'K=\*\* 0/672-J'8"2-67+26%'574+7"/+74

MTO<:  
O G 5 F C

MTO<L  
C

MTO<0  
= G 3 F A C

MTO<T  
= A C

MTO: ;  
= G 3 5 F A C

MTO: <  
O G F A C

MTO: :  
G F A C

MTO: M  
G 5 A C

MTO: 0  
G A C

MTOL<  
G 5 F A C

MTOL:  
F A C

MTOLL  
= O G 5 F A C

MTOLM  
= G 3 5 F A C

MTOLO  
G A C

MTOLT  
= G 3 A C

MTOR:  
A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" "N

?<2@/) &A+(' /; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

G==! 85H'5BA?B55! ?BA'GEHH5A5'K5! ?B=3D'! =BB?

0/672-J'8"2-67+26%'574+7""/+74

K=K5! 'K=\*\*

MTOR:

G F A C

MTORS

= G F A C

MTORM

O G A C

MTORT

A C

MTOS;

A

MTOS:

A C

MTOSL

= F A C

MTOSM

O G 3 5 F A C

MTOSO

3 5 F A C

MTOST

= O F A C

MTOM;

F C

MTOM:

F A C

MTOML

= G C

MTOMR

C

MTOMS

O G 5 F A C

MTOMM

O G 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += :>+! ""

"0

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#'#8EF: 3&&G'1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K







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

! "#\$%&'()\*+,-. /\*\$0&1 234/""5, 6. +76&+(7"869';;<<

?H=C?='GEHH5A5'EF''5BA?B55! ?BA'=B3''15GCBEHEAI '8DH=@EE! '  
8EE@=11DKDVC=

0/672-J'8"2-67+26%574+7""/+74

\*585\*15! 'K=\*\*

0: ; 0<NO: : P	0: ; OMNOMQP	0: ; OONORQP	0: ; OQNOLMP
0: ; OTNOLT P	0: ; Q; NOQSP	0: ; QLNO: QP	0: ; QRNO<: P
0: ; QTNQ<RP	0: ; T; NT: LP	0: ; T<NOSOP	0: ; T: NOM; P
0: <; <NO; QP	0: <; MNORMP	0: <; ONOSOP	0: <; TNQ: MP
0: <<<NO; OP	0: <<: NTMOP	0: <<MNOQMP	0: <: LNQ<SP
0: <: SNOTLP	0: <: TNQOOP	0: <L; NO: : P	0: <LLNQORP
0: <LRNMTLP	0: <LSNQ; <P	0: <LONO; QP	0: <LQNO: SP
0: R<ONQMRP			

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$-5:6-+:)6;

!"#!\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; /\*/<; +=: >+\$! ""

"Q

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,\*-,./01/2/3)45/6+0' /-50: \*+  
7#' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*"+, &-'\* ". "#&'/'0'1"2-'3"4/'5, 6. +76&+(7"869':;<<

?H=C?='GEHH5A5'EF'5BA?B55! ?BA'=B3"15GCBEHEAI '8DH=@EE! '
8EE@=11DKDVC=

K=K5! 'K=\*\* 0/672-J'8"2-67+26%'574+7"/+74

0:;0:  
 = G 5 F A C

0:;0L  
 G 5 F A C

0:;OR  
 O G 5 F A C

0:;OS  
 = 3 5 A C

0:;Q<  
 C

0:;Q:  
 O G 5 F A C

0:;QS  
 O F A C

0:;QM  
 G 5 F A C

0:;QQ  
 = O G 3 5 A C

0:;TR  
 O G F A C

0:;TS  
 G F A C

0:;TM  
 O A C

0:;TQ  
 = G 3 A

0:;TQ  
 = 3 A

0:<;  
 F A C

0:<;:  
 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+;)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+ . &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" "R

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-*B: 3&+A&C&<@&A+D>+()*+, -. /01/2/3)45/6+0' /-50: *+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: *2: +H: ; A1/+ ; /C&3' />+J <*: :>: 2K
--



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

! "#\$%&'()\*"+,-./\*0&123456. +76&+(7"869';<<

```
-----
?H=C?='GEHH5A5'EF'5BA?B55! ?BA'=B3"15GCBEHEAI '8DH=@EE! '
      SEE@=11DKDVC=
-----
```

0/672-J'8"2-67+26%574+7"/+74

K=K5! 'K=\*\*

<u>0:&lt;;L</u>					
O	G	A	C		
<u>0:&lt;;R</u>					
G	C				
<u>0:&lt;;S</u>					
O	G	5	F	A	C
<u>0:&lt;;Q</u>					
G	A	C			
<u>0:&lt;&lt;;</u>					
=	G	5	F	C	
<u>0:&lt;&lt;L</u>					
O	A	C			
<u>0:&lt;&lt;S</u>					
O	G	F	A	C	
<u>0:&lt;&lt;Q</u>					
G	5	F	A	C	
<u>0:&lt;&lt;Q</u>					
=	G	3	5	F	A C
<u>0:&lt;&lt;I</u>					
C					
<u>0:&lt;;;</u>					
=	G	3	5	F	A C
<u>0:&lt;;&lt;</u>					
=	F	A	C		
<u>0:&lt;;:</u>					
A	C				
<u>0:&lt;;R</u>					
=	G	F	A	C	
<u>0:&lt;;M</u>					
=	3	F	A	C	
<u>0:&lt;;Q</u>					
=	G	3	5	F	A C

%109:33;

00000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$-5:6-+:)6;

! "#"!#\$!"

%&'()\*+, -.. /0\*1+ . &2&' \*&3+4+5&61+7&83&&+90: 2/ ; \* / < ; += : > + \$ ! ""

\$!

```
-----
?<2@/) &A+( '/; 8+*1&+! "#$%#&' + '<-*B: 3&+A&C&)<@&A+D>+()*"+, -. /01/2/3)45/6+0' /-50: *+
      7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: *2: +H: ; A1/H ; /C&3' />+J <* : >: 2K
-----
```





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

! "#\$%&'()\*+,-.\* " #&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

8=BA=H=8'GEHH5A5'EF'5BA?B55! ?BA'511D8=BEE!

0/672-J'8"2-67+26%'574+7"/+74

\*585\*15! 'K=\*\*

: MOQOLNO; : P	: MOQORNOL: P	: MOQOSNOTOP	O: OMQNOLRP
O: OORNOQ<P	O: OOMNORSP	O: OQMNORSP	O: OT: NOL: P
O: OTLNO: LP	O: OTRNOROP	O: OTSNQ: RP	O: OTONQT: P
O: OTTNOTTP	O: Q; ; NORQP	O: Q; MNOQ<P	O: Q<<NQL; P
O: Q<SNQRMP	O: Q: RNTRTP	O: Q: QNQLSP	O: Q: TNQO<P
O: QL; NQ: OP			

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" \$\$

?<2@/) &A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+&-'\* ". "#&'/'0'1'2-'3'4/'5,6. +7&+(7'869':;<<

-----  
8=BA=H=8'GEHH5A5'EF'5BA?B55! ?BA'511D8=BEE!  
-----

0/672-J'8"2-67+26%'574+7'''+/74

K=K5! 'K=\*\*

:MOQQ;

O G 5 F A C

:MOQQ<

O 5 F A C

:MOQQ:

= O G 5 F A C

O:OMO

= G F A C

O:OMT

A C

O:OO<

= C

O:OO:

G F A C

O:OOL

G A C

O:OOS

= O G 5 F A C

O:OOO

G 5 A C

O:OOQ

= O F A C

O:OOT

G 5 A C

O:OO;

C

O:OO<

O G 5 A C

O:OO:

G 5 F A C

O:OQR

A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+:)6;

! "#!#\$! ""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+! ""

\$L

-----  
?<2@/) &A+( '/' ; 8+1&+! "#\$%#&' + '<-\*B:3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#' #8EF:3&&G'1:+41:C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: : >: 2K  
-----



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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7''869':;<<

8=BA=H=8'GEHH5A5'EF'5BA?B55! ?BA'511D8=BEE!

0/672-J'8"2-67+26%'574+7''/74

K=K5! 'K=\*\*

0:00S

G 5 A C

0:00Q

A C

0:00T

= 0 G 5 F A C

0:0T;

G 5 A C

0:0T<

G F A C

0:0TM

O G 5 F A C

0:0TQ

G 5 F A C

0:Q;<

O G 5 F A C

0:Q;:

5 F A C

0:Q;L

= 0 G 5 F A C

0:Q;R

5 A C

0:Q;Q

= 0 G 5 F A C

0:Q;Q

= 0 3 5 F A C

0:Q;T

O G 5 A C

0:Q<;

G F A C

0:Q<:

O G 5 F A C

%109:33;

00000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+:)6;

!"#"\$#!""

%&'()\*+,-./0\*1+. &2&'\*&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$M

?<2@/)&A+( '/' 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+( ) \*+, -. /01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/1 ; /C&3' />+J <\*'. >: 2K



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

! "#\$%&'()\*+,-.\*/0123456. +7&+(7"869';;<<

8=BA=H=8'GEHH5A5'EF'5BA?B55! ?BA'511D8=BEE!

0/672-J'8"2-67+26%574+7"/+74

K=K5! 'K=\*\*

0: Q<L

G 5 F C

0: Q<R

= G 5 F A C

0: Q<M

C

0: Q<0

= A C

0: Q<Q

O G 5 F A C

0: Q<I

= O G 5 F A C

0: Q: ;

= O G 5 F A C

0: Q: <

= 5 A C

0: Q: :

= O G 5 F A C

0: Q: S

= O G 5 F A C

0: Q: M

O G 5 A C

0: Q: 0

G A C

0: QL<

G 5 F A C

0: QTM

G 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$N

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-. /0123456789:;<=>

8=! '0=\*5H?D\*'GC! ?\*1?=B'GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI '  
K55! 8=35

0/672-J'8"2-67+26%574+7""/+74

\*585\*15! 'K=\*\*

MROLTNQROP	MRORRNOTTP	MRORTNOMMP	MROS<NQSQP
MROS: NQ: ; P	MROSLNOQMP	MROSMNQRSP	MROM; NO; TP
MROMRNQLMP	MROMTNOQOP	MROO: NOOTP	MROOMNQS; P
MROQ; NQMOP	MROQLNQ<: P	MROQONQ: : P	MROT<NMTOP
MROTLNQQOP	MROTONQRRP	MROTONQ; ; P	MRQORNQ<QP

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" \$0

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K







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

! "#\$%&'()\*+,-. /0123456789:;<<

| 8=! '0=\*5H?D\*'GC! ?\*1?=B'GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI '|  
| K55! 8=35 |

K=K5! 'K=\*\* 0/672-J'8"2-67+26%574+7"/+74

MROOM

= 0 G 5 A C

MROQQ

F A C

MROQT

G 3 5 F A C

MROT:

= 0 G 3 F A C

MROTR

G 5 A C

MROTS

F A C

MROTM

= G 3 F A C

MRQOS

G 5 F A C

MROOM

G A C

MRQOO

G 5 F A C

MRQOO

F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$R

| ?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -. /01/2/3)45/6+0' /-50: \*+ |  
| 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K |



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

! "#\$%&'()\*+,-./\*0123456789:;<<

8D\*=H?='GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'UD80=VC='  
K=1C=B=81C?11=

0/672-J'8"2-67+26%574+7""/+74

\*585\*15! 'K=\*\*

0<: QQN00<P	0<: T; NO: ; P	0<: T<NQ: ; P	0<: TLNQ; RP
0<L; ; NQSRP	0<L; RNORTP	0<L<; NQ; OP	0<L<<NOTSP
0<L<MNQQOP	0<L<TNOMMP	0<L: RNQRQP	0<LL; NOS: P
0<LL: NQS; P	0<LLRNOMTP	0<LLSNOQQP	0<LLQNQQ; P
0<LR<NQ<SP	0<LR: NOO<P	0<LRRNOR: P	0<LRSNQ<TP
0<LRONOS<P	0<LMRNQL: P	0<LMMNOMQP	0<LMONMMTP
0<LMQNOT<P			

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$-5:6-+;)6;

!"#!\$!"" %&'()\*+, -. /0\*1+ . &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" L!

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-'\*. "#&'/'0'1'2-'3'4/'5,6. +7&+(7'869':;<<

8D\*=H?!='GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'UD80=VC='  
K=1C=B=81C?11=

K=K5! 'K=\*\* 0/672-J'8"2-67+26%'574+7"/+74

0<: QT  
= 0 G 5 F A C

0<: TR  
= 0 G 5 F C

0<: TS  
A C

0<: TM  
= G 5 A C

0<: T0  
5 C

0<: TQ  
= 0 G 5 F C

0<: TT  
= G 5 A C

0<L;<  
= 0 G 5 F A C

0<L;:  
0 G F

0<L;L  
= 0 G 5 F C

0<L;S  
A C

0<L;0  
C

0<L;Q  
C

0<L;T  
0 G 5 F A C

0<L;<  
5 C

0<L<R  
= 0 3 5 F A C

%109:33;

0000000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+:)6;

!"#!#\$%&'()\*+,-./0123456789:;<=>?@ABCD EFGHIJKLMNOPQRSTUVWXYZ [

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+() \*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: .>: 2K ]



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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

8D\*=H?='GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'UD80=VC='  
K=1C=B=81C?11=

0/672-J'8"2-67+26%574+7"/+74  
K=K5! 'K=\*\*

0<L<S  
= 0 3 5 F A C

0<L<Q  
G 3 5 F A C

0<L:<  
= G 3 5 F A C

0<L:L  
5 A C

0<L:S  
= 0 G 3 C

0<L:M  
0 5 C

0<L:0  
= 0 G 5 F A C

0<L:T  
G 5 C

0<LL<  
5 C

0<LLL  
= G 5 A C

0<LLM  
= 0 G 5 F A C

0<LLO  
= 0 G 5 A C

0<LLT  
0 G 3 5 F A C

0<LRL  
G 5 A C

0<LRM  
0 G 5 A C

0<LRQ  
0 5 C

%109:33;

00000000000000000000000000000000 (<=  
7)6+.)33/.0)\*0#\$\$-5:6-+):6;

! "#!#\$! "" %&'()\*+, -. /0\*1+ .&2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+! "" L\$

?<2@/) &A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+  
7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\* /0123456789:;<=>

8D\*=H?='GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'UD80=VC='  
K=1C=B=81C?11=

K=K5! 'K=\*\*

0/672-J'8"2-67+26%'574+7"/+74

0<LRT

0 F A C

0<LS;

5 C

0<LS<

5 C

0<LS:

3 F A C

0<LML

= 0 G 5 F A C

0<LMS

= 0 G 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -./0\*1+. &2&\*'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+\$! ""

LL

?<2@/) &A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,\*-,./01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K





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

! "\$%&'()\*"+, &-'\* ". "#&'/'0'1'2-'3'4/'5, 6. +76&+(7'869': ; <<

\*G8\*\*GCEEH'EF'5BAAW'X'15GCBEHEAI 'U=! DUD11I

0/672-J'8"2-67+26%'574+7"/+74

\*585\*15! 'K=\*\*

0; Q; QNQ<QP	0; Q; TNOO; P	0; Q<<NOR<P	0; Q<: NOLMP
0; Q<MNOQ; P	0; Q: <NQS<P	0; Q: : NOT: P	0; Q: LNORRP
0; Q: SNOTSP	0; Q: MNT; OP	0; Q: ONOR: P	0; Q: QNOMTP
0; QL<NOOSP	0; QL: NQLLP	0; QLMNQ: TP	0; QLONQ<OP
0; QLONQ; SP	0; QLTNQROP	0; QR; NOOQP	0; QRLNMMMP
0; QRSNQLRP	0; QRMNT: MP	0; QRONQSMP	0; QS; NQQ<P
0; QS<NO<: P	0; QS: NQQ<P	0; QSLNQQ: P	0; QSRNQSMP
0; QSSNQMT	0; QSMNQ<: P	0; QSTNQSOP	0; QM: NQSMP
0; QMLNQ; LP	0; QMRNQO<P	0; QMONQMOP	0; QMONMQOP
0; QMTNQO: P	0; QO; NORQP	0; QO<NOQOP	0; QO: NMQ<P
0; QOLNQ: LP	0; QOMNOM: P	0; QOONO: : P	0; QOQNOSRP
0; QOTNOT<P	0; QQ; NQMRP	0; QQ<NQ: SP	0; QQ: NOL; P
0; QQLNQO: P	0; QQRNTR<P	0; QQSNOSTP	0; QQMNOQTP
0; QQONT<OP	0; QQQNTM<P	0; QQTNOQLP	0; QT; NOLLP
0; QT<NMORP	0; QT: NOO: P	0; QTLNOQQP	0; QTSNOM<P
0; QTMNORMP	0; QTONT<LP	0; QTQNOSSP	0; T; RNOL: P
0; T; SNOL<P	0; T; MNQLQP	0; T; ONQ: TP	0; T; QNOQOP
0; T<: NOSQP	0; T<LNO: OP	0; T<RNQ<: P	0; T<SNQQMP
0; T<MNQ; SP	0; T<TNOSMP	0; T: ; NO: SP	0; T: MNORS

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

LM

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: >: 2K





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

! "#\$%&'()\*+,-./\*0&123456789:;<<

\*G8\*\*GCEEH'EF'5BAAW'X'15GCBEHEAI 'U=! DUD111

0/672-J'8"2-67+26%'574+7"/+74

K=K5! 'K=\*\*

0; QSO

G 5 F A C

0; QSQ

G 3 A C

0; QM;

= G 5 F A C

0; QM<

= G 3 5 F A C

0; QMS

A C

0; QMM

= O G 3 5 F A

0; QOR

= G 3 F A C

0; QOS

= G 3 5 F A C

0; QTI

= O 3 5 F A C

0; T; ;

= O G 3 F A

0; T; <

O G 3 5 F A

0; T; :

O G 5 A C

0; T; L

5

0; T; T

G 5 A C

0; T<;

= O G 5 F A C

0; T<<

A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

L0

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#'#8EF: 3&&G'1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0&1 234/5,6. +7&+(7"869';;<<

\*G8\*\*GCEEH'EF'5BAAW'X'15GCBEHEAI 'U=! DUD111

0/672-J'8"2-67+26%574+7"/+74

K=K5! 'K=\*\*

0;T<0

0 G 3 5 F A

0;T<0

= 5 A C

0;T:<

= 3 5 F A C

0;T:;

= 0 3 5 A C

0;T:L

0 G 3 5 F A C

0;T:R

C

0;T:S

5 C

0;T:0

= G 3 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

LP

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

\*! 55'B=! =I =B='AD! DUDH=8'GEHH5A5'EF'5BA?B55! ?BA'UEH5BGC5! ! I

O/672-J'8"2-67+26%574+7"/+74

\*585\*15! 'K=\*\*

RTTO<NQR: P	MTLL: NORTP	MTLLSNT: TP	MTLLQNOTTP
MTLR; NQ: TP	MTLR<NOSRP	MTLR: NQ: : P	MTLS; NOQMP
MTLSQNMMP	MTLSTNOSOP	MTLM<NOMMP	MTLMMNOM: P
MTLMONQSOP	MTLMTNT: : P	MTLO: NOM; P	MTLOSNQROP
MTLOMNOO: P	MTLQ; NQOSP	MTLQ<NO<OP	MTLQLNOTTP
MTLQONORTP	MTLT<NO<QP	MTLT: NOS: P	MTLTLNOQ<P
MTLTQNO: OP	MTR; : NO; TP	MTR; SNQLTP	MTR; ONOORP
MTR<; NOOQP	MTR<<NQOTP	MTR<LNORQP	MTR<RNQ<QP
MTR<MNOO; P	MTR<ONQQLP	MTR: <NOO<P	MTR: : NQRRP
MTR: LNOTOP	MTR: RNQMRP	MTR: MNQ: ; P	MTR: ONOOMP

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

LQ

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

-----  
| \*! 55'B= ! =I =B='AD! DUDH=8'GEHH5A5'EF'5BA?B55! ?BA'UEH5BGC5! ! I |

K=K5! 'K=\*\*      0/672-J'8"2-67+26%'574+7'''/74

RTT0:  
= 0 G A C

RTTOL  
O G 5 F C

RTTOR  
G 5 F A C

RTTOS  
= 0 G 5 F A C

RTT00  
= 0 G 5 F A C

RTT0Q  
O G 5 F A C

MTLL<  
O G 5 A C

MTLLL  
O G 3 5 F A C

MTLLR  
= 0 G 5 F A C

MTLLM  
= 0 G 5 F A C

MTLLO  
= G 5 F A C

MTLLT  
G 5 A C

MTLRL  
G 5 F A C

MTLRR  
= G 3 5 F A C

MTLRO  
= C

MTLRQ  
= G 3 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

-----  
! "#!#\$! ""      %&'()\*+, -. /0\*1+. &2&'\*&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""      LR

-----  
| ?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K |



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

! "#\$%&'()\*+,-. /0123456789:;<=>

\*! 55'B=! =I =B='AD! DUDH=8'GEHH5A5'EF'5BA?B55! ?BA'UEH5BGC5! ! I |

0/672-J'8"2-67+26%'574+7"/+74

K=K5! 'K=\*\*

MTLRT

G 3 5 C

MTLS<

O G 5 F A C

MTLS:

= G 3 5 F A C

MTLSL

= G 3 5 F A C

MTLSR

= O G 5 F A C

MTLSS

G A C

MTLSM

= G 3 5 F A C

MTLSO

O G 3 5 F A C

MTLM;

G 3 5 F A

MTLM:

G A C

MTLML

= G 3 5 F A C

MTLMR

G 5 F A C

MTLMQ

G 3 F A C

MTLO;

O G 3 5 F A C

MTLO<

C

MTLOL

= 3 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+:)6;

!"#!\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

M!

?<2@/) &A+('/; 8\*1&+! "#\$%#&' + '<-\*B: 3&&A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G'1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+,-\*". "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

\*! 55'B=! =I =B='AD! DUDH=8'GEHH5A5'EF'5BA?B55! ?BA'UEH5BGC5! ! I |

0/672-J'8"2-67+26%'574+7"/+74

K=K5! 'K=\*\*

MTLOR

G F A C

MTLOO

= G 5 F A C

MTLOQ

= G 3 5 F A C

MTLOT

G C

MTLO:

A C

MTLQS

G F A C

MTLOM

= A

MTLOQ

O G 3 5 F A C

MTLOT

O G F A C

MTLT;

= G 3 F A

MTLTR

O G A C

MTLTS

= G 3 5 F A C

MTLTM

= O G 5 F A C

MTLTO

= G A C

MTLTT

G F A C

MTR;<

O G 3 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+:)6;

! "#\$! %&' "" %&'()\*+, -./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" M"

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -./01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ /; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-.\*/0123456. +7&+(7"869';;<<

-----  
| \*! 55'B=! =I =B='AD! DUDH=8'GEHH5A5'EF'5BA?B55! ?BA'UEH5BGC5! ! I |

0/672-J'8"2-67+26%574+7"/+74

K=K5! 'K=\*\*

MTR; L

G 5 A C

MTR; R

F C

MTR; M

G 5 A C

MTR; Q

= 0 G 3 5 F A

MTR; T

0 G 5 F A C

MTR<;

0 G 3 F A C

MTR<S

0 G C

MTR<Q

3 5 F A C

MTR<T

3 F A C

MTR: ;

5 F A C

MTR: S

C

MTR: Q

5 F A C

MTR: T

0 3 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

M\$

-----  
| ?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -. /01/2/3)45/6+0' /-50: \*+ 7#'#8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K |



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

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

\* = ? B 1 A ? 1 \* ' G E H H 5 A 5 ' E F ' 5 B A ? B 5 5 ! ? B A ' K = 1 C = 8 D 1 1 E 8 ' U 1 8

O/672-J'8"2-67+26%'574+7""/+74

\*585\*15! 'K=\*\*

O<SO<NOQ: P	O<SO: NOM: P	O<SOLNT<OP	O<SOMNQRMP
O<SOQNOQQP	O<SOTNO: RP	O<SQ<NT<QP	O<SQ: NQMOP
O<SQLNQMOP	O<SQRNQ; <P	O<SQSNQO; P	O<SQMNQSOP
O<SQONOS: P	O<ST; NOLSP	O<ST: NQ: LP	O<STONQOMP
O<STQNTORP	O<M; ; NT; LP	O<M; : NQ; : P	O<M; RNQR; P
O<M; SNOORP	O<M; MNORTP	O<M; ONQ<TP	O<M; QNQOMP
O<M; TNTR; P	O<M<; NOT: P	O<M<<NQ: TP	O<M<RNO: <P
O<M<SNOQLP	O<M<ONOS; P	O<M<QNOSQP	O<M<TNQLLP
O<M: ; NOQSP	O<M: : NOT; P	O<M: LNT<TP	O<M: RNQ: ; P
O<M: SNTRLP	O<M: ONQRMP	O<M: QNQ<: P	O<M: TNQTSP
O<ML; NQS; P	O<ML: NOQQP	O<MLSNQT: P	O<MLMNQO; P
O<MLTNOQTP	O<MR; NOQOP	O<MR<NOQQP	O<MRRNQLRP
O<MRSNO: LP	O<MRMNO<QP	O<MRONO; MP	O<MRTNOQ: P
O<MS; NQ: LP	O<MSRNMQMP	O<MSMNOMOP	O<MSONMLP
O<MSQNSQOP	O<MM: NOT<P	O<MMRNO: RP	O<MMSNQM; P
O<MMONOO; P	O<MMQNOTMP	O<MMTNQ: : P	O<MO; NQ; QP
O<MO: NQRLP	O<MOLNQ: SP	O<MOSNOMOP	O<MOONQOLP
O<MOQNQL; P	O<MOTNQLLP	O<MQ; NOQOP	O<MQ<NOO: P
O<MQ: NOQRP	O<MQLNQ: <P	O<MQRNQMLP	O<MQSNT<SP
O<MQMNQQOP	O<MQQNQ<OP	O<MT; NQO<P	O<MT<NQMLP
O<MT: NQQTP	O<MTRNOSRP	O<MTSNOQ: P	O<MTONT: OP
O<MTTNT; LP	O<O; <NQ; MP	O<O; : NQR; P	

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

ML

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\* +, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K





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

! "#\$%&'()\*+,-.\* /0'1"2-'3"4/'5,6. +76&+(7"869';;<<

\*=?B1A?1\*'GEHH5A5'EF'5BA?B55! ?BA'K=1C=8D11E8'U18

0/672-J'8"2-67+26%'574+7"/+74

K=K5! 'K=\*\*

Q<MLO

O 5 F A C

Q<MLQ

O G 5 F A C

Q<MR:

G 5 A C

Q<MRQ

= G 3 5 F A C

Q<MS<

= G 3 5 F A C

Q<MS:

= O G 5 A C

Q<MSL

O G 3 5 F A C

Q<MSS

A C

Q<MST

O G 3 5 F A C

Q<MM<

= 3 5 F A C

Q<MML

= O 3 5 F A C

Q<MMM

= O 5 F A C

Q<MO<

3 5 F

Q<MOR

G 3 F C

Q<MOM

O G 3 5 F A C

Q<MQO

5 A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += :>+! ""

MN

?<2@/) &A+(' /; 8\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0&1 234/5,6. +7&+(7"869';;<<

-----  
\*=?B1A?1\*'GEHH5A5'EF'5BA?B55! ?BA'K=1C=8D11E8'U18

0/672-J'8"2-67+26%'574+7"/+74

K=K5! 'K=\*\*

Q<MQT

G 5 F A C

Q<MTL

G 5 F A C

Q<MTM

= G 5 F A C

Q<MTQ

= 0 G 3 5 A C

Q<0; ;

G 3 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+;)6;

! "#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

MO

-----  
?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0123456789:;<<

\*1'>E\*5KC\*"GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI '  
GCEEB3=GC5! ! I 'K=H=

O/672-J'8"2-67+26%574+7"/+74

\*585\*15! 'K=\*\*

MSOS: NQOTP	MSOSLNT: LP	MSOSRNOORP	MSOSONOQLP
MSOSQNO<OP	MSOSTNOMMP	MSOM: NQ<<P	MSOMLNQ: QP
MSOMRNMORP	MSOMTNO; QP	MSOO<NQL: P	MSOO: NOLOP
MSOOLNOT; P	MSOORNOSTP	MSOOMNOSTP	MSOONOMSP
MSOQQNO; TP	MSOOTNQ; <P	MSOQ; NTLTP	MSOQ<NOMRP
MSOQLNOS<P	MSOQRNOLTP	MSOQSNOSOP	MSOQMNOLQP
MSOQQONORSP	MSOT<NOTOP	MSOT: NOOLP	MSOTRNQOSP
MSOTTNOO<P	MSQ; <NOQRP	MSQ; : NQ: RP	MSQ; LNOQMP
MSQ; RNOQMP	MSQ; TNQ: OP		

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

MP

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; E+=: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*"+,-'\*. "#&/'0'1'2-'3'4/'5,6. +7&+(7'869':;<<

\*1'>E\*5KC\*"GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI'  
GCEEB3=GC5!! I 'K=H=

0/672-J'8"2-67+26%'574+7"/+74

K=K5! 'K=\*\*

MSOS<

O G 3 5 F A C

MSOSS

= O G 5 F A C

MSOSM

= O G 3 5 F A

MSOM<

= O 3 F A C

MSOMS

= G 3 5 F A C

MSOMM

5 A C

MSOMO

= O G 3 5 A C

MSOMQ

= O G 3 5 F A

MSOO;

= O 3 5 F A C

MSOOS

G 3 C

MSOO:

C

MSOOQ

G 5 F A C

MSOT;

= O G 5 F A C

MSOTL

G F A C

MSOTS

G 5 C

MSOTM

O G 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+:)6;

!"#!#\$!"" %&'()\*+, -./0\*1+. &2&'\*&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" MQ

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+,-./\*\$0&1 23456. +76&+(7"869':;<<

\*1'>E\*5KC\*"GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI '  
GCEEB3=GC5!! I 'K=H=

0/672-J'8"2-67+26%'574+7"/+74

K=K5! 'K=\*\*

MSOTO

= 5 A C

MSOTQ

O G 5 F A C

MSQ;S

O G 3 5 F A C

MSQ;M

= O G 5 F A C

MSQ;O

O G 5 F A C

MSQ;Q

O G 5 F A C

MSQ<;

= O G 3 5 F A

MSQ<<

O G 5 F A C

MSQ<:

O G 5 F A C

MSQ<L

= O G 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+\$! ""

MR

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-. /0123456789:;<<

@?\*Y =>I E1?'GEHH5A5'EF'5BAAWX15GCBEHEAI '@=VC=UDH=8

O/672-J'8"2-67+26%'574+7"/+74

\*585\*15! 'K=\*\*

MOLL: NT<SP	MOLLLNQ; : P	MOLLSNTSTP	MOLLMNOSRP
MOLLTNQ; SP	MOLR: NQ: QP	MOLRLNO; MP	MOLRRNT<; P
MOLRSNOQ<P	MOLRMNOQRP	MOLRTNQLTP	MOLS; NOROP
MOLS<NOOQP	MOLS: NOSLP	MOLSLNQRTP	MOLSSNO; TP
MOLSMNOT; P	MOLSONOSMP	MOLM<NOQOP	MOLM: NOMLP
MOLMLNQLTP	MOLMSNO: <P	MOLMMNQ: SP	MOLMTNOLOP
MOLO; NOTSP	MOLO: NOR: P	MOLORNO: OP	MOLOSNTM<P
MOLO<NOT: P	MOLO: NQ: ; P	MOLORNO; RP	MOLOSNQSM
MOLOMNOQSP	MOLQONOOTP	MOLQTNOMRP	MOLT<NO: LP

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

N!

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*"+, &-'\* ". "#&"/'0'1'2-'3'4/'5, 6. +76&+(7'869': ; <<

-----  
| @?\*Y =>| E1?'GEHH5A5'EF'5BAAIWX15GCBEHEAI '@=VC=UDH=8 |  
-----

K=K5! 'K=\*\*      0/672-J'8"2-67+26%'574+7'''/74

MOLL<  
C

MOLLR  
= 0    G    5    F    A    C

MOLLO  
= 0    G    5    F    A    C

MOLLOQ  
= 0    G    5    F    A    C

MOLR;  
5    A    C

MOLR<  
= 0    5    A    C

MOLRO  
= 0    G    5    F    A    C

MOLRQ  
0    G    5    F    A    C

MOLSR  
= 0    G    5    F    A    C

MOLSQ  
0    G    5    F    A    C

MOLST  
= 5    F    A    C

MOLM;  
= 0    3    5    F    A    C

MOLMR  
= 3    5    F    A    C

MOLMQ  
5    F    A    C

MOLMQ  
0    G    5    A    C

MOLO<  
= 0    3    5    F    A    C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$\$-5:6-+:)6;

-----  
"##"!#\$!""      %&'()\*+, -. /0\*1+. &2&'\*&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""      N"

-----  
?<2@/) &A+( '/' ; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#'#8EF: 3&&G'1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3'/'>+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0&123456789:;<<

-----  
| @?\*Y =>| E1?'GEHH5A5'EF'5BAAIWX15GCBEHEAI '@=VC=UDH=8 |  
-----

O/672-J'8"2-67+26%'574+7""/74

K=K5! 'K=\*\*

MOLOL

O G 3 5 F A C

MOLOM

C

MOLOO

O G 3 5 F A C

MOLOQ

G 5 F C

MOLOT

O G 5 F A C

MOLO;

C

MOLOL

O G 5 F A C

MOLT;

C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+\$! ""

N\$

-----  
| ?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ | ; /C&3' />+J <\*: : >: 2K |  
-----



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

! "#\$%&'()\*+,-./\*0&1 23456. +76&+(7"869';;<<

\*! 55'B=! =I =B='8=BA=H=8'?B\*1?1D15'EF'\*G?5BG5'=B3'15GCBEHEAI '  
BE! 1C'K=! D!

0/672-J'8"2-67+26%574+7"/+74

\*585\*15! 'K=\*\*

SLLQ<NQRLP	SLLQ: NOLTP	SLLQLNOT; P	SLLQRNOOLP
SLLQONQ<OP	SLLQONOSRP	0; : <<NO: TP	0; : <SNOT: P
0; : <ONOTOP	0; : <TNO<SP	0; : : <NOT<P	0; : : RNQ: QP
0; : : SNQ: LP	0; : : ONOTSP	0; : : QNOTMP	0; : L<NO: RP
0; : LLNO; OP	0; : LRNOQSP	0; : LSNQ<QP	0; : LTNQ<LP
0; : R: NQR; P	0; : RQNOQMP	0; : SLNQQ; P	0; : SMNT; ; P
0; : SONQ: MP	0; : SQNOORP	0; : STNO; RP	0; : M; NOMQP
0; : M<NOLRP			

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+\$! ""

NL

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' +! <-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: : >: 2K



! "#\$%"&' " ()#\*&+(\*, -./\*\$0&12\$\$"0"%

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

-----  
\*! 55'B=!=I =B='8=BA=H=8'?B\*1?1D15'EF'\*G?5BG5'=B3'15GCBEHEAI '
BE! 1C'K=! D!
-----

K=K5! 'K=\*\* 0/672-J'8"2-67+26%574+7"/+74

SLLQS  
O G 3 5 F A C

SLLQM  
O G 3 5 F A C

Q;:<:  
G 5 A C

Q;:<L  
= A C

Q;:<R  
= 3 5 F A C

Q;:<Q  
= O G 3 5 A C

Q;:::  
O 5 A C

Q;:::  
F A C

Q;::L  
O F A C

Q;::M  
O G 3 5 F A C

Q;::T  
G A

Q;:L;  
F A C

Q;:L:  
O G 3 5 F A C

Q;:LM  
= O G 5 F A C

Q;:LQ  
G 5 F A C

Q;:R;  
= O 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+:)6;

-----  
! "#!#\$! "" %&'()\*+, -./0\*1+ &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" NM

-----  
| ?<2@/) &A+(' /; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ |  
7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

\*! 55'B=! =I =B='8=BA=H=8'?B\*1?1D15'EF'\*G?5BG5'=B3'15GCBEHEAI ' |  
BE! 1C'K=! D! |

K=K5! 'K=\*\* 0/672-J'8"2-67+26%574+7"/+74

Q;:R<

O G 5 F A C

Q;:RL

O A C

Q;:RR

O G 3 5 F A

Q;:RS

= O G 5 F A C

Q;:RM

O 5 F A

Q;:RO

= O G 5 F A C

Q;:RT

= G F A C

Q;:S;

O G F A

Q;:S<

O G 3 5 F A C

Q;:S:

= O G 3 5 F A

Q;:SR

O G F A C

Q;:SS

O G 3 A C

Q;:M:

O G F A C

Q;:ML

= O G 5 F A

Q;:MR

G F A C

Q;:MS

= O G 3 5 F A

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+! ""

NN

?<2@/) &A+('/; 8\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<<

\*! 55'B=! =l =B='8=BA=H=8'?B\*1?1D15'EF'\*G?5BG5'=B3'15GCBEHEAI '|  
BE! 1C'K=! D!|

K=K5! 'K=\*\* 0/672-J'8"2-67+26%'574+7"/+74

Q;:MM  
= G 3 F A C  
Q;:MQ  
O A C  
Q;:MQ  
A  
Q;:MT  
= O G 3 5 A C  
Q;:O;  
G A C

%109:33;

00000000000000000000000000000000 (<=  
7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

! "#!#\$! "" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" NO  
?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+  
7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

NP

<p>?&lt;2@/)&amp;A+('/; 8+*1&amp;+! "#\$%#&amp;' + '&lt;-*B: 3&amp;+A&amp;C&amp;)&lt;@&amp;A+D&gt;+()*+*, -. /01/2/3)45/6+0' /-50: *+ 7#'#8EF: 3&amp;&amp;G' 1: +41: C: ; [+ = : 1: *2: +H: ; A1/I ; /C&amp;3' /&gt;+J &lt;*: :&gt;: 2K</p>
---





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

! "#\$%&'()\*+,-.\* /0'1'2-'3'4/'5,6. +76&+(7'869':;<<

[ =>?@'A=B3C?'?B\*1?1D15'EF'15GCBEHEAI '@5HHEE!

O/672-J'5%'2&/+26%67K'5%'2&/ (7+2#'574+7''' /+74

\*585\*15! 'L=\*\*

: MN; : ONNNP	: MN; QORSMP	TMTTU0<; <MP	TMTTQ0SUMP
TMTTN0S; <P	TMTTR0RQNP	TMTN; 0SNNP	TMTN: 0R: QP
TMTNM0NNQP	TMTNT0RN: P	TMTN0S: NP	TMTNS0R<MP
TMTNR0SRNP	TMTS; 0S; : P	TMTS<0<; <TP	TMTSU0SSRP
TMTSQ0NQTP	TMTST0NS: P	TMTSN0NRNP	TMTSS0SQSP
TMTSR0R; ; P	TMTR; 0<; : RP	TMTR<0RM: P	TMTRM0R<UP
TMTRU0SURP	TMTRQ0SQ<P	TMTRN0NTMP	TMTRS0NSRP
TMTRR0RSSP	TMN; ; 0SRUP	TMN; <0TN: P	TMN; : 0S: : P
TMN; U0NT: P	TMN; Q0SSTP	TMN; T0ST: P	TMN; N0S; SP
TMN; S0<; <TP	TMN<; 0STQP	TMN<<0S<SP	TMN<: 0RTMP
TMN<M0SUSP	TMN<N0RN<P	TMN<S0SN; P	TMN<R0SSTP
TMN: ; 0SMSP	TMN: <0NSMP	TMN: : 0SU: P	TMN: M0NTNP
TMN: U0S<SP	TMN: Q0NURP	TMN: T0SS<P	

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

[ ?<2@/)&A+('/; 8+\*1&+! "#\$%#&' +'-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "\$%&'()\*"+, &-'\* ". "#&"/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

! =>?'A=B3C?'B\*1?1D15'EF'15GCBEHEAI '@5HHEE!

L=L5! 'L=\*\* 0/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''''/74

:MN;M  
O G 5 F A C  
:MN;U  
= O G 5 F A C  
:MN;T  
= O G 5 F A C  
TMTT<  
G A  
TMTTM  
G 5 F  
TMTTI  
= O G 5 F C  
TMTN<  
= O G 5 F A  
TMTNU  
= O 5 F A C  
TMTNQ  
= O G 5 F A C  
TMTS:  
= O F A C  
TMTSM  
= O G 5 F A C  
TMTRI  
= O G 3 5 F A  
TMN;M  
O G 3 F  
TMN;R  
O G F A  
TMN<U  
= O G 3 5 F A  
TMN<Q  
O G 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$\$-5:6-+:)6;

!"#!#\$%&'()\*+,-./:;<=>?@AB CDEFGHIJKLMNOPQRSTUVWXYZ [

?<2@/) &A+(' /; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+() \*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K ]



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

! =>?'A=B3C?'B\*1?1D15'EF'15GCBEHEAI '@5HHEE!

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''/74

L=L5! 'L=\*\*

TMN<T

= 0 G 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

L

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,\*-,./01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

AE@1'GEHH5A5'EF'5BA?B55! ?BA'L=?B=@D

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''/74

\*585\*15! 'L=\*\*

<QQ: : 0ST<P	<QQ: M0R<UP	<QQ: U0SMTP	<QQ: Q0S; SP
TM; ; <0SQ<P	TM; ; : ONT<P	TM; ; U0NTNP	TM; ; S0TN<P
TM; ; R0NSNP	TM; <; ON: QP	TM; <; 0NSNP	TM; <M0<; ; MP
TM; <Q0STQP	TM; <S0R; <P	TM; <R0NQSP	TM; ; ; 0NNQP
TM; : U0NNSP	TM; : Q0SS<P	TM; : S0SMRP	TM; M; 0S<TP
TM; M<0NR; P	TM; MM0R<SP	TM; MU0RNRP	TM; MN0RMTP
TM; MS0R<; P	TM; MR0S; TP	TM; U<0NRUP	TM; U: 0STNP
TM; UU0NRP	TM; UT0NQ: P	TM; UR0SSMP	TM; Q<0S; : P
TM; QM0RR; P	TM; QU0RM<P	TM; QN0R: UP	TM; QS0S<RP
TM; T: 0NNMP	TM; TM0NUUP		

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

M

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+  
7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K





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

! "#\$%&'()\*+,-./\*0123456789:;<=

AE@1'GEHH5A5'EF'5BA?B55! ?BA'L=?B=@D

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''''/74

L=L5! 'L=\*\*

TM; MQ

= O G 5 F A C

TM; MT

= O G 5 F A C

TM; U;

= O G 5

TM; UM

= O G 3 F A C

TM; UQ

= O G 3 5 F A

TM; UN

= O G 3 5 F C

TM; US

= O G F A C

TM; Q;

O

TM; QQ

= O G 3 5 F C

TM; QT

= O G 5 C

TM; QR

G F A

TM; T;

= G F A C

TM; T<

= G F C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+\$! ""

0

?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: : >: 2K



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

! "#\$%&'()\*"+,-./\*0&1 234/5,6. +76&+(7"869';;<<

! =>=A?! ?'GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''/74

\*585\*15! 'L=\*\*

TQM; <0RQ: P	TQM; : 0SUMP	TQM; MORNUP	TQM; TORQSP
TQM; N0SMRP	TQM; ROSSSP	TQM<; 0SMTP	TQM<<0S; QP
TQM<; 0SR<P	TQM<M0<; ; NP	TQM<U0<; <TP	TQM<Q0N: <P
TQM<T0SQSP	TQM<N0NRSP	TQM<S0RNRP	TQM<R0R<SP
TQM: ; 0R<UP	TQM: <0<; <; P	TQM: : 0SQMP	TQM: M0RTSP
TQM: U0NQTP	TQM: T0STUP	TQM: N0NR; P	TQM: S0R<TP
TQM: R0RNRP	TQMM; 0NRMP	TQMM<0SMRP	TQMMM0SUQP
TQMMU0R<QP	TQMMQ0RUMP	TQMMT0SRMP	TQMMN0R<NP
TQMMS0SQUP	TQMMR0<; ; TP	TQMU; 0<; MSP	TQMU<0RU: P
TQMU: 0R: NP	TQUM0R; UP	TQMUU0SMTP	TQMUQ0R; QP
TQMUN0<; ; UP	TQMUR0R: <P	TQMQ; 0RMRP	TQMQ<0RNQP
TQMQ: 0ROSP	TQMQM0S: NP	TMQQU0R; ; P	TMQQQ0SRRP
TQMOT0NMUP	TMQQN0RS<P	TMQQS0R<MP	TMQQR0R; <P
TQMT; 0NQNP			

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

P

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K



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

! "\$%&'()\*"+, &-"\* ". "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

! =>=A?! ?'GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI

L=L5! 'L=\*\* O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''''/+74

<u>TQM; U</u>						
=	O	G	F	A		
<u>TQM; Q</u>						
=	O	G	3	5	F	A
<u>TQM; S</u>						
=	O	G	5	F	A	
<u>TQM: Q</u>						
O	G	F				
<u>TQMM:</u>						
=	O	G	3	5	F	A
<u>TQMJT</u>						
=	O	G	5	F	A	C
<u>TQMUS</u>						
=	O	G	F	A	C	

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+;)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" Q

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-.\*/0123456789:;<=>

8=! '=1C=B=\*?D\*5BA?B55! ?BA'GEHH5A5'WE1C=8=BA=H=8

O/672-J'5%'2&/+26%67K'5%'2&/ (7+2#'574+7''/+/74

\*585\*15! 'L=\*\*

T<NMR0RU<P	T<NU; 0ST: P	T<NUM0<; ; <P	T<NUQ0SMQP
T<NUT0S: QP	T<NUS0<; UMP	T<NUR0NNRP	T<NQ; 0<; Q<P
T<NQ<0<; <<P	T<NQ: 0SU; P	T<NQM0RQQP	T<NQU0RURP
T<NQ00NNQP	T<NQT0S; UP	T<NQN0S: QP	T<NQS0RUTP
T<NQR0SSNP	T<NT; 0<; T; P	T<NT<0S<; P	T<NT: 0RSNP
T<NTT0SQTP	T<NTN0RTSP	T<NTS0S: TP	T<NTR0STTP
T<NN<0RRTP	T<NN: 0R<NP	T<NNM0STNP	T<NNN0NM: P
T<NNR0STMP	T<NS; 0NURP	T<NS<0RTMP	T<NS: 0NQNP
T<NSM0SQ; P	T<NSU0SQSP	T<NSQ0RTQP	T<NST0SSTP
T<NSN0RNQP	T<NSS0RR<P	T<NSR0NM: P	T<NR; 0NRQP
T<NR<0S; UP	T<NR: 0RM<P	T<NRU0STRP	T<NRQ0STUP
T<NRT0RMSP	T<NRN0ST; P	T<NRS0<; <SP	T<NRR0<; T: P
T<S; <0SMRP	T<S; M0R<NP	T<S; U0RS<P	T<S; N0NTUP
T<S; R0SQNP	T<S<; 0NUUP	T<S<M0N; MP	T<S<U0SQSP
T<S<Q0RM; P	T<S<T0S; ; P	T<S<N0R; <P	T<S<S0SMSP
T<S: <0<; Q: P	T<S: : 0RTMP	T<S: U0<; ; QP	T<S: Q0S: ; P
T<S: T0S: : P	T<S: N0R: RP	T<S: S0NT; P	T<S: R0RMUP
T<SM; 0RR<P	T<SM<0SQNP	T<SM: 0SN: P	T<SMQ0S: RP
T<SMT0NTQP	T<SMN0RQTP	T<SMS0SSTP	T<SMR0SQRP
T<SU; 0S<SP	T<SU<0SR: P	T<SU: 0SNNP	T<SUM0NSTP
T<SUQ0R; RP	T<SUN0SSQP	T<SUS0SRTP	T<SUR0R<UP
T<SQ; 0SNSP	T<SQ: 0ST: P	T<SQM0<; : : P	T<SQQ0NSTP
T<SQT0STUP	T: ; ; Q0NQUP	T: ; ; T0RU<P	T: ; ; N0S<SP
T: ; ; S0NRMP	T: ; ; R0S; ; P	T: ; <; 0NT<P	T: ; <<0SNSP
T: ; <M0NTTP			

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

R

?<2@/) &A+( '/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

8=! '=1C=B=\*?D\*'5BA?B55! ?BA'GEHH5A5'WE1C=8=BA=H=8

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''''/74

L=L5! 'L=\*\*

T<NU:

= 0 G 3 F A C

T<NUN

O 5 F C

T<NTM

= 0 G 3 5 F C

T<NTQ

= 0 G 5 F A C

T<NN;

= 0 G 5 F C

T<NNU

= 0 G F C

T<NNT

= 0 G 5 F A

T<NNS

= 0 G 5 F A C

T<S;;

= 0 G F A C

T<S;:

= 0 G F A

T<S;Q

F A

T<S;I

= 0 G F A C

T<S;S

= 0 G 3 5 F C

T<S<;

A

T<S<<

O G 3 F C

T<S<R

O G F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+ . &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

!"

?<2@/) &A+(' /; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0&1 234/5,6. +7&+(7"869';;<<

8=! '=1C=B=\*?D\*5BA?B55! ?BA'GEHH5A5'WE1C=8=BA=H=8

O/672-J'5%'2&/+26%67K'5%'2&/ (7+2#574+7"/+74

L=L5! 'L=\*\*

T<S: M

O 5 C

T<SMM

= 0 G 3 5 F A

T<SMU

A

T<SUU

O A

T<SUT

= 0 G 5 F A C

T<SQ<

= 0 F A

T<SQU

= 0 G 5 F A C

T:;<:

O 3 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/| | ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

[ =3?'\*C=BW=! ='?B\*1?1D15'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'W=H=3I ]

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''/)+74

\*585\*15! 'L=\*\*

TS<Q<0R<TP	TS<Q: ONTSP	TS<QMOR<TP	TS<QT0TNMP
TS<QN0<; <RP	TS<QS0R; UP	TS<QR0RU: P	TS<T; 0RU: P
TS<T<0SRTP	TS<T: 0RM<P	TS<TM0NSRP	TS<TT0NTUP
TS<TN0S<NP	TS<TR0<; : QP	TS<N; 0SN; P	TS<N<0NS<P
TS<N: 0RR<P	TS<NM0<; ; NP	TS<NU0SNNP	TS<NQ0RU<P
TS<NN0RNSP	TS<NS0S; QP	TS<S; 0S: TP	TS<S<0NU<P
TS<S: 0S: MP	TS<SM0SSSP	TS<SU0R; <P	TS<SQ0RRQP
TS<ST0SSRP	TS<SS0<; : <P	TS<SR0R<SP	TS<R<0R: : P
TS<RU0SUMP	TS<RT0RS; P	TS<RN0SUNP	TS<RS0RN<P
TS: ; ; 0SU; P	TS: ; <0SU; P	TS: ; : 0RTQP	TS: ; M0RSTP
TS: ; Q0RM: P	TS: ; T0R<; P	TS: ; S0NNTP	TS: ; R0<; : <P
TS: <; 0RRTP	TS: <<0SN<P	TS: <: 0NTSP	

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+,-./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

"\$

[ ?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K ]



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

! "\$%&'()\*"+, &-'\*". "#&"/'0'1'2-'3'4/'5,6. +76&+(7'869';;<<

-----  
| =3?'\*C=BW=! ='?B\*1?1D15'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'W=H=3I |

L=L5! 'L=\*\* O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''' /+74

TS<QU  
= 0 G 3 5 F A

TS<QQ  
= 0 G 5 F A C

TS<TU  
= 0 G A

TS<TQ  
A

TS<TS  
= 0 G 3 5 F C

TS<NT  
0 G

TS<NR  
5 F A C

TS<SN  
= 0 G 5 F

TS<R;  
G

TS<R:  
= 0 G 5 F A C

TS<RM  
= 0 G 5 F A C

TS<RQ  
= 0 G 3 5 F A

TS: ; N  
0 A

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$\$-5:6-+:)6;

-----  
!"#!\$!"" %&'()\*+, -./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" "L

-----  
| ?<2@/) &A+( '/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+() \*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K |



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

! "#\$%&'()\*+,-.\* /0'1'2-'3'4/'5,6. +76&+(7'869':;<<

[ =8=H'I E1C?'5BA?B55! ?BA"GEHH5A5'WEE@=LL=HHI 'W=B>?! =L=HHI ]

O/672-J'5%'2&/+26%67K'5%'2&/ (7+2#'574+7''/ +74

\*585\*15! 'L=\*\*

TTNT<0RNRP	TTNT: 0RUTP	TTNTU0R; TP	TTNTQ0ST: P
TTNTT0NS; P	TTNTN0RMSP	TTNTS0R: NP	TTNTR0SMTP
TTNN; 0N: RP	TTNN<0S<MP	TTNN: 0R: SP	TTNNM0RTRP
TTNNU0SSQP	TTNNT0STSP	TTNNN0S: SP	TTNNS0SSQP
TTNNR0SQRP	TTNS; 0STTP	TTNS<0RSNP	TTNS: 0NRRP
TTNSU0SMNP	TTNSQ0NRNP	TTNST0S; ; P	TTNSN0RM<P
TTNSS0NSTP	TTNR; 0NUSP	TTNR<0NTTP	TTNR: 0R: UP
TTNRU0S<SP	TTNRQ0R: TP	TTNRT0NR; P	TTNRN0RMMP
TTNRR0NR; P	TTS; ; 0SRSP	TTS; U0SU<P	TTS; Q0SUMP
TTS; T0RMMP	TTS; N0SQ; P	TTS; S0S: MP	TTS; R0TSUP
TTS<; 0S<MP	TTS<<0R: RP	TTS<M0RTMP	TTS<U0RM: P
TTS<Q0SR; P	TTS<T0NRTP	TTS<S0R; UP	TTS<R0SUSP
TTS: ; 0NU; P	TTS: <0S<MP	TTS: : 0NSTP	

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

"M

[ ?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K ]



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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

-----  
=8=H>I E1C?'5BA?B55! ?BA"GEHH5A5'WEE@=LL=HHI 'W=B>?! =L=HHI  
-----

L=L5! 'L=\*\*      O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''' /+74

TTNTM

3	5	F	A	C		
---	---	---	---	---	--	--

TTNNO

=	0	G	3	F	A	C
---	---	---	---	---	---	---

TTNSM

=	0	G	3	F	A	C
---	---	---	---	---	---	---

TTNSR

=	0	G	5	F	A	C
---	---	---	---	---	---	---

TTNRM

=	0	G	5	F	A	C
---	---	---	---	---	---	---

TTNRS

=	0	G	5	F	A	C
---	---	---	---	---	---	---

TTS;<

=	0	G	3	5	F	A
---	---	---	---	---	---	---

TTS;:

=	A	C				
---	---	---	--	--	--	--

TTS;M

=	0	G	5	F	A	C
---	---	---	---	---	---	---

TTS<:

=	0	G	5	F	A	C
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%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+:)6;

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!"#!#\$!""      %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""      "N  
-----  
?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+  
7#' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K  
-----



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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

G==! 85H'5BA?B55! ?BA'GEHH5A5'L5! ?B=3D! =BB?

O/672-J'5%'2&/+26%67K'5%'2&/ (7+2#'574+7''/+/74

\*585\*15! 'L=\*\*

TRQNUOS; MP	TRQNQOR; TP	TRQS; OSQ; P	TRQS<OS: UP
TROSQOTROP	TROSSO<; ; QP	TRQR: OSSNP	TRQRUORMUP
TRQRSORMUP	TRT; <OSRSP	TRT; MORSQP	TRT; UOR: RP
TRT; QOSTNP	TRT; TONSUP	TRT<<ORM<P	TRT<TON: SP
TRT<NON: ; P	TRT<ROR; MP	TRT: ; OSSTP	TRT: UOS<RP
TRT: QOSTQP	TRT: TORMSP	TRT: ROS; UP	TRSQRONURP

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

"0

?<2@/) &A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

G=#! 85H'5BA?B55! ?BA'GEHH5A5'L5! ?B=3D'! =BB?

L=L5! 'L=\*\* O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''/+/74

TRQN<  
G 5 F A C

TRQN:  
A C

TRQNM  
A C

TRQNT  
= G F A C

TRQNN  
C

TRQNS  
G 3 C

TRQNR  
F A C

TRQS:  
= 0 G F A C

TRQSM  
= 0 G 3 5 F C

TRQSU  
= G F A C

TRQST  
F A C

TRQSN  
= G 3 5 F A C

TRQR:  
G 5 F A C

TRQR<  
= 3 5 F A C

TRQRQ  
= 3 5 F A C

TRQRT  
= F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+:)6;

!"#!#\$%&'()\*+,-./0123456789:;<=>?@ABCD EFGHIJKLMNOPQRSTUVWXYZ[\]^\_`{|}~" "P

?<2@/)&A+('/; 8\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+() \*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

G==! 85H'5BA?B55! ?BA'GEHH5A5'L5! ?B=3D'! =BB?

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''''/74

L=L5! 'L=\*\*

TRQRN

G 5 F A C

TRQRR

= 5 F A

TRT;;

A C

TRT;:

= 5 F A

TRT;N

= 0 G 5 F A C

TRT;S

F A C

TRT;R

A C

TRT<;

= 0 F A C

TRT<:

O G 3 F A C

TRT<M

= 0 5 A C

TRT<U

= A C

TRT<Q

= G 5 F A C

TRT<S

A C

TRT:<

C

TRT:M

= G 3 5 F A C

TRT:N

C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

"Q

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-./\*\$0&123456789:;<<

F535! =H?B\*1?1D15'EF\*G?5BG5'=B3'15GCBEHEAI '8EEW=BBD! '  
=BA=8=H?

O/672-J'5%"2&/+26%67K'5%"2&/ (7+2#'574+7"/+74

\*585\*15! 'L=\*\*

TSS; <OR; RP	TSS; ; OSMTp	TSS; MOS: NP	TSS; UONNSP
TSS; QOR; ; P	TSS; TOSRQP	TSS; NON: RP	TSS; SOR<: P
TSS; ROS: RP	TSS<; OS: <P	TSS<<ONURP	TSS<: OS<; P
TSS<MORUSP	TSS<UORMNP	TSS<QORRNP	TSS<TONMQP
TSS<ROSU: P	TSS: ; OR; RP	TSS: : OSU: P	TSS: MORM; P
TSS: UOSS<P	TSS: QORMTP	TSS: TORS; P	TSS: SOSMRP
TSSM; OR: RP	TSSM<OR: <P	TSSM: ONQRP	TSSMMOS; TP
TSSMTORRMP	TSSMNOS<; P	TSSMSORQNP	TSSU; OR: MP
TSSU<OR<SP	TSSU: OR<SP	TSSUMORMRP	TSSUUORQQP
TSSUQORS: P	TSSUTO<; <MP	TSSUNORQTP	TSSUSOSQ<P
TSSQ; OSNTP	TSSQ<OSNTP	TSSQ: OSQ<P	TSSQMOSMP
TSSQUORUTP	TSSQQONRRP	TSSQTONNNP	TSSQN0<; ; <P
TSST; OR<RP	TSSTMOSMRP	TSSTUOR; ; P	

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'\*&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$!

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+ , - . / 0 1 / 2 / 3) 4 5 / 6 + 0' / - 5 0: \* +  
7 #' # 8 EF: 3&&G' 1: +41: C: ; E+=: 1: \*2: +H: ; A1/+I ; /C&3' / \* > + J < \* \* : > : 2K



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

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

F535! =H'?B\*1?1D15'EF'\*G?5BG5'=B3'15GCBEHEAI '8EEW=BBD! '  
=BA=8=H?

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7""/ +74

L=L5! 'L=\*\*

TSS<N

= 0 G 5 F A C

TSS<S

= 0 G 3 5 F A

TSS:<

O 5 F A C

TSS:N

F A

TSS:R

= 0 G 5 F A C

TSSMU

O G F

TSSMQ

F

TSSMR

= 0 G 5 F A C

TSSUR

= 0 G 5 F A C

TSSQS

= 0 G 3 5 F A

TSSQR

= 0 G 5 F A C

TSST<

= 0 G 3 F A C

TSST:

O F A

TSSTQ

= 0 G F A

TSSTI

= 0 G 5 F A

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

! " # ! # \$ ! " " "

%&' ()\*+, --. /0\*1+ . &2&' \*&3+4+5&61+7&83&&+90: 2/ ; : \* / < ; += : >+! " " " "

\$"

?<2@/) &A+( '/' ; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+( ) \* + , - . / 0 1 / 2 / 3 4 5 / 6 + 0 ' / - 5 0 : \* +  
7 # ' # 8 EF: 3&&G' 1: +41: C: ; [+ = : 1: \* 2: +H: ; A1/H ; /C&3' / \* > + J < \* \* : > : 2K



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

! "#\$%&'()\*+,-./\*0123456789:;<>

?H=C?='GEHH5A5'EF''5BA?B55! ?BA'=B3''15GCBEHEAI '8DH=@EE! '  
8EE@=11DLDXC=

O/672-J'5%"2&/+26%67K'5%"2&/ (7+2#'574+7''/74

\*585\*15! 'L=\*\*

N: <U<0S; SP	N: <U: 0NMTP	N: <UU0S; RP	N: <UT0STRP
N: <US0NT; P	N: <UR0SMQP	N: <Q; 0ROSP	N: <Q<0R<; P
N: <QM0S<; P	N: <QU0<; USP	N: <QN0SQMP	N: <QR0NRUP
N: <T; 0RRRP	N: <T<0S: ; P	N: <T: 0SR: P	N: <TU0R; TP
N: <TQ0N<MP	N: <TT0S: UP	N: <TS0SQNP	N: <N: 0SRTP
N: <NMON: RP	N: <NQ0TTRP	N: <NT0NTSP	N: <NN0SQ; P
N: <S: 0S: MP	N: <SM0NN: P	N: <SU0R<UP	N: <SQ0NU: P
N: <R; 0S<<P	N: <R: 0S; MP	N: <RU0NRNP	N: <RN0R; NP
N: <RR0SR; P	N: : ; ; 0R: : P	N: : ; <0R; UP	N: : ; : 0R; TP
N: : ; U0SRTP	N: : ; Q0RRNP	N: : <; 0SQTP	

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'\*&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$\$

?<2@/) &A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

-----  
?H=C?='GEHH5A5'EF'5BA?B55! ?BA'=B3"15GCBEHEAI '8DH=@EE! '  
SEE@=11DLDXC=

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7"/+74

L=L5! 'L=\*\*

N:<UM

= 0 G 5 F A C

N:<UQ

= 0 G F A C

N:<UN

= 0 G 5 F A C

N:<Q:

= 0 G 5 F A C

N:<QQ

= 0 G 3 F A C

N:<QT

= 0 G 5 F A C

N:<QS

= 0 G 5 F A C

N:<TM

= 0 G 3 5 F C

N:<TN

= 0 G 3 5 F A

N:<TR

O G F A C

N:<N;

= 0 G F A

N:<N<

= 0 G 3 F A C

N:<NU

= 0 3 F A

N:<NR

= 0 G F A C

N:<S;

= 0 G 3 F A

N:<S<

= 0 G F A

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+:)6;

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!"#!#\$!"" %&'()\*+,-./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += :>+! "" \$L

-----  
?<2@/) &A+('/; 8+1&+! "#\$%#&' +<-\*B: 3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G'1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

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

?H=C?='GEHH5A5'EF'5BA?B55! ?BA'=B3''15GCBEHEAI '8DH=@EE! '
8EE@=11DLDXC=

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''''/74

L=L5! 'L=\*\*

N:<SS

= O G 5 F A C

N:<SR

= O G 3 F A C

N:<R<

O G F A C

N:<RM

O G 5 F A

N:<RQ

= O F A

N:<RT

= F A C

N:<RS

= O G F A C

N::;M

= O G 5 F A C

N::;T

F C

N::;N

= O G 5 F A C

N::;S

= O G 5 F A C

N::;R

= O G 5 F A C

%109:33;

00000000000000000000000000000000 (<="
7)6+.)33/.0)\*0#\$\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$M

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+
7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-. /0123456789:;<=>

8=BA=H=8'GEHH5A5'EF'5BA?B55! ?BA'511D8=BEE!

O/672-J'5%'2&/+26%67K'5%'2&/ (7+2#'574+7''/74

\*585\*15! 'L=\*\*

: TNSTSOS; ; P	: TNSTRONURP	N: TMTON: NP	N: TMNOSU; P
N: TMRONRSP	N: TU<OSRMP	N: TU: ORMMP	N: TUMOR; TP
N: TUSOTS; P	N: TUROSTTP	N: TQ; OS: NP	N: TQ<ONNSP
N: TQMORSQP	N: TQUOR: RP	N: TT; OSQ; P	N: TT<OS; TP
N: TTMOSTNP	N: TTNONS<P	N: TN; OSM<P	N: TN: ORMTP
N: TNMOSM<P	N: TNQOR: <P	N: TNTOS<: P	N: TNSORUSP
N: TNROR; NP	N: TS; ONT: P	N: TSUOS<: P	N: TSROS: UP
N: TR<OR: TP	N: TRSOST: P	N: TRRONSQP	

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

! "#!#\$! "" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" \$N

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: >: 2K





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

! "#\$%&'()\*+,-./\*0123456789:;<=>

8=BA=H=8'GEHH5A5'EF'5BA?B55! ?BA'511D8=BEE!

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''' /+74

L=L5! 'L=\*\*

N: TTR

= G A C

N: TN<

= O G 5 F C

N: TNU

= O G 5 F C

N: TNN

= O G 5 F A C

N: TS<

= O G F

N: TS:

= O G 5 F A C

N: TSM

= O G F A C

N: TSQ

= O G 5 F A C

N: TST

= O G 5 F A C

N: TSN

= O G 5 F A C

N: TSS

= O G 5 F A C

N: TR:

= G A

N: TR:

= O A C

N: TRU

= O G 5 F A C

N: TRQ

C

N: TRT

= O G 5 A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+ . &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+! ""

\$P

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: : >: 2K



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

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

8=BA=H=8'GEHH5A5'EF'5BA?B55! ?BA'511D8=BEE!

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''''/74

L=L5! 'L=\*\*

N: TRN

= G F A C

N: N; ;

F C

N: N; <

A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$Q

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,\*-,./01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*"+, &-'\*". "#&"/'0'1'2-'3'4/'5, 6. +76&+(7'869': ; <<

8=! '0=\*5H?D\*'GC! ?\*1?=B'GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI '  
L55! 8=35

O/672-J'5%"2&/+26%67K'5%"2&/ (7+2#'574+7""/74

\*585\*15! 'L=\* \*

TUTS; 0ST: P	TUTSMONRUP	TUTSU0RQRP	TUTSQ0R<; P
TUTSS0NR: P	TUTSROSSTP	TUTR: 0NURP	TUTRQ0R; ; P
TUTRT0SSMP	TUTRN0R: RP	TUTRR0SU; P	TUN; ; 0SQRP
TUN; <0SSRP	TUN; : 0NN<P	TUN; Q0TSRP	TUN; T0NQRP
TUN; S0NMMP	TUN; R0NR; P	TUN<; 0SNSP	TUN<<0N: TP
TUN<; 0RSTP	TUN<M0R<; P	TUN<U0NQRP	TUN<Q0S: QP
TUN<S0NQQP	TUN: <0SN: P	TUN: : 0SRRP	TUN: M0SN; P
TUN: U0NNTP	TUN: T0RSRP	TUN: N0N: : P	TUN: S0RTUP
TUN: R0RURP	TUNM<0SS; P	TUNM: 0S: : P	TUNMU0SN: P
TUNMTONM; P	TUSN<0SU; P	TUSN: 0SMUP	

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$R

?<2@/) &A+(' /; 8\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+  
7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

-----  
8=! '0=\*5H?D\*'GC! ?\*1?=B'GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI '
L55! 8=35

L=L5! 'L=\*\* O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''''/74

TUTNR  
= 0 G 5 F A C

TUTS<  
= 0 F A C

TUTS:  
= 0 G 5 F A C

TUTST  
= 0 G F A C

TUTSN  
= 0 G 5 F A

TUTR:  
= 0 G 5 F A C

TUTR<  
= 0 F A

TUTRM  
= 0 G 5 F A C

TUTRU  
G A C

TUTRS  
= 0 G 5 F A C

TUN;M  
5 F A C

TUN;U  
0 G 5 A C

TUN;N  
0 G A C

TUN<I  
G F A C

TUN<N  
G A C

TUN<R  
= 0 G 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+:)6;

-----  
!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'\*&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" L!

-----  
| ?<2@/) &A+( '/' ; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,\* , -. /01/2/3)45/6+0' /-50: \*+  
| 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K  
|



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

! "#\$%&'()\*+,-. /0123456789:;<<

| 8=! '0=\*5H?D\*'GC! ?\*1?=B'GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI '|  
L55! 8=35

L=L5! 'L=\*\* O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''' /+74

TUN: ;

= G A C

TUN: Q

G A C

TUNM;

= O G 5 F A

TUNMM

= O G 3 5 F A

TUNMQ

= O G F A C

TUNMN

O G F A

TUNMS

O G 5 F A C

TUSNM

= O G 5 F A

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+:)6;

!"#!\$!""

%&'()\*+, -./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

L"

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*"+, &-'\* ". "#&"/'0'1'2-'3'4/'5, 6. +76&+(7'869': ; <<

8D\*=H?='GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'WD80=XC='  
L=1C=B=81C?11=

O/672-J'5%'2&/+26%67K'5%'2&/ (7+2#'574+7''/74

\*585\*15! 'L=\*\*

N<<: S0SRMP	N<<M: 0<; : MP	N<<MNON<RP	N<<MROSUSP
N<<U; 0SUSP	N<<U<0TNSP	N<<UMONMQP	N<<UUONMSP
N<<UQ0NUUP	N<<UT0TRRP	N<<UN0ST<P	N<<US0S; : P
N<<UROSTTP	N<<Q; 0SR: P	N<<Q: 0N; MP	N<<QM0SUQP
N<<QU0NSMP	N<<QT0SQMP	N<<QR0NSTP	N<<T; 0S<<P
N<<TMONMRP	N<<TU0SNUP	N<<TN0S<RP	N<<TS0R: NP
N<<TROSQRP	N<<N<0SSRP	N<<N: 0SUNP	N<<NM0R; TP
N<<NU0S; ; P	N<<NQ0NRTP	N<<NT0R; UP	N<<NN0N<MP
N<<NR0SMNP	N<<S; 0SU<P	N<<S<0TN; P	N<<SM0NSSP
N<<SU0SSSP	N<<ST0RTTP	N<<SN0R; ; P	N<<SS0NRTP
N<<SR0N<QP	N<<R; 0NQ<P	N<MQ0SONRMP	

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

L\$

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+  
7#' #8EF: 3&&G' 1: +41: C: ; E+=: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: >: 2K





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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

8D\*=H?='GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'WD80=XC='  
L=1C=B=81C?11=

L=L5! 'L=\*\* 0/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''"/+74

N<<:T

G F A

N<<M<

O G 3 F A C

N<<MM

G F

N<<MU

G F A C

N<<MQ

F

N<<MT

= O A C

N<<MS

G F C

N<<U:

= O G F A C

N<<QQ

= A C

N<<QN

= O G F A

N<<T<

A C

N<<TQ

= O G F A C

N<<TT

= O G F A C

N<<N;

C

N<<NS

F A C

N<<S:

C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" LL

?<2@/) &A+(' /; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<<

8D\*=H?='GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI 'WD80=XC='  
L=1C=B=81C?11=

L=L5! 'L=\*\*

0/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''"/+74

N<<SQ

= 0 3 C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

LM

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,-. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/| ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0123456789:;<<

\*G8\*\*GCEEH'EF'5BAAI'Y'15GCBEHEAI 'W=! DWD11I

O/672-J'5%'2&/+26%67K'5%'2&/ (7+2#'574+7''' /+74

\*585\*15! 'L=\*\*

N; TS: 0SR: P	N; TSM0S; <P	N; TSU0RQSP	N; TSQ0RT: P
N; TSR0NQTP	N; TR; 0SUNP	N; TR: 0RR<P	N; TRM0ST: P
N; TRU0SUMP	N; TRQ0R<QP	N; TRT0NQRP	N; TRS0NT: P
N; N; ; 0SNUP	N; N; <0SUNP	N; N; : 0R<SP	N; N; M0RUTP
N; N; U0SNSP	N; N; Q0NRUP	N; N; N0S; : P	N; N<; 0NSMP
N; N<M0R: ; P	N; N<U0RQRP	N; N<Q0SQNP	N; N<T0SQTP
N; N<N0NQN P	N; N<S0NTNP	N; N<R0NMRP	N; N: ; 0SN<P
N; N: <0RM: P	N; N: : 0RNT P	N; N: M0R: NP	N; N: U0S: <P
N; N: Q0NTNP	N; N: T0SQNP	N; N: N0<; : RP	N; N: S0NR: P
N; N: R0S; SP	N; NM; 0R: TP	N; NM<0N; <P	N; NM: 0SSRP
N; NMM0SR: P	N; NMU0R: ; P	N; NMS0RMQP	N; NMR0SMRP
N; NU; 0NSSP	N; NU<0NT: P	N; NU: 0S: <P	N; NUU0S; RP

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'\*&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

LN

?<2@/) &A+( '/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

-----  
\*G8\*\*GCEEH'EF'5BAAI'Y'15GCBEHEAI 'W=! DWD11I  
-----

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''''/74

L=L5! 'L=\*\*

N; TS<

= O G 5 F A C

N; TST

= G 3 5 F A C

N; TSN

= O G 5 F A C

N; TSS

O G 5 F A C

N; TR<

= O G 3 5 F A

N; TRN

= O G 5 F C

N; TRR

= F C

N; N; T

O G F

N; N; S

= O G 3 F A

N; N; R

= O G 3 F A C

N; N<<

= G 3 5 F C

N; N<:

A C

N; NMQ

= G 3 5 F C

N; NMT

= O G 3 F C

N; NMN

= O G F C

N; NUM

G F

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

-----  
!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" L0

-----  
?<2@/) &A+(' /; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K  
-----



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

! "#\$%&'()\*+,-.\* /0123456. +76&+(7"869':;<<

\*! 55'B=! =I =B='AD! DWDH=8'GEHH5A5'EF'5BA?B55! ?BA'WEH5BGC5! ! I

O/672-J'5%'2&/+26%67K'5%'2&/ (7+2#'574+7''' /+74

\*585\*15! 'L=\*\*

TR<Q<0SRUP	TR<Q: 0RMMP	TR<QMONSMP	TR<QU0S<; P
TR<QQ0SN<P	TR<QT0R; <P	TR<QN0NNQP	TR<QR0S<QP
TR<T; 0SNMP	TR<T<0N<MP	TR<T: 0R<NP	TR<TM0<; QRP
TR<TU0TSTP	TR<TQ0RRNP	TR<TT0R<SP	TR<TN0N; : P
TR<TS0NN<P	TR<N; 0SM; P	TR<N<0RQMP	TR<N: 0N; UP
TR<NM0SURP	TR<NU0NU: P	TR<NQ0SSUP	TR<NT0SQRP
TR<NN0SMRP	TR<NR0SNTP	TR<S; 0ST: P	TR<S: 0NR<P
TR<SM0NNSP	TR<SN0SQQP	TR<SS0RUNP	TR<SR0R<RP
TR<R; 0R<; P	TR<R<0NTRP	TR<R: 0STNP	TR<RM0SMUP
TR<RT0S: TP	TR<RN0SUMP	TR<RS0NUMP	TR<RR0RSTP
TR: ; ; 0SUNP	TR: ; <0S: ; P	TR: ; : 0NTUP	TR: ; MORNUP
TR: ; U0NNUP	TR: ; Q0NNNP	TR: ; T0SRSP	TR: ; N0SQQP
TR: ; S0SQRP	TR: ; R0SNUP	TR: <; 0S; <P	TR: <<0SSTP
TR: <M0RR; P	TR: <U0NUSP	TR: <Q0<; ; QP	

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

LP

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' +'-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

-----  
| \*! 55'B=! =I =B='AD! DWDH=8'GEHH5A5'EF'5BA?B55! ?BA'WEH5BGC5! ! I |

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''' /+74

L=L5! 'L=\*\*

URRQ<

= O G 5 F A C

URRQ:

= O G 5 F

URROM

C

URRQU

O G 5 F C

URRQQ

G

TR<QS

= O G 5 F A C

TR<TR

= O G 3 5 F C

TR<NS

A

TR<S<

= O G F A C

TR<SU

A C

TR<SQ

= O G 5 F A C

TR<ST

= O G F A C

TR<RU

= O G 3 F A C

TR:<:

5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

LQ

-----  
| ?<2@/) &A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K |



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

! "#\$%&'()\*+,-./\*\$0&123456789:;<<

\*=?B1A?1\*GEHH5A5'EF'5BA?B55! ?BA'L=1C=8D11E8'W18

O/672-J'5%'2&/+26%67K'5%'2&/ (7+2#'574+7''/+/74

\*585\*15! 'L=\*\*

N<N: <0NMSP	N<N: M0S; SP	N<N: U0R: SP	N<N: Q0NQ<P
N<N: T0<; ; ; P	N<N: N0SURP	N<N: S0<; U; P	N<N: R0ST: P
N<NM; 0SUUP	N<NM<0SSTP	N<NM: 0SURP	N<NMU0S: TP
N<NMT0<; MRP	N<NMN0SMMP	N<NMR0RTSP	N<NU; 0NU; P
N<NU<0RM: P	N<NU: 0RUMP	N<NUQ0S: : P	N<NQ; 0NR<P
N<NQM0S; QP	N<NQR0RSUP	N<NT; 0NSQP	N<NT<0RQSP
N<NT: 0ST<P	N<NTQ0NRQP	N<NTT0<; ; MP	N<NTN0<; : <P
N<NTS0R; QP	N<NN; 0RTNP	N<NN: 0S<RP	N<NNM0NQUP
N<NNU0SSQP	N<NNQ0RM; P	N<NNT0RUQP	N<NNN0RUTP
N<NNS0SQ<P	N<NS; 0R: <P	N<NSM0SNSP	N<NSU0SNSP
N<NSQ0S: TP	N<NST0SMMP		

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

LR

?<2@/) &A+( '/; 8+\*1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K







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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

\*=?B1A?1\*'GEHH5A5'EF'5BA?B55! ?BA'L=1C=8D11E8'W18

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''/)+74

L=L5! 'L=\*\*

N<NTU

G 5 F A C

N<NTR

= F A C

N<NN<

= O G F A C

N<NNR

= O G 5 F C

N<NS<

= O G 5 F C

N<NS:

O G 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

M"

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<<

\*1'>E\*5LC\*"GEHH5A5'EF'5BA?B55! ?BA'=B3'15GCBEHEAI '  
GCEEB3=GC5! ! I'L=H=

O/672-J'5%"2&/+26%67K'5%"2&/ (7+2#'574+7""/+74

\*585\*15! 'L=\*\*

TQTT<0S<RP	TQTT: 0NNQP	TQTTMONURP	TQTTN0S; ; P
TQTTFRONT<P	TQTN; 0SQ<P	TQTN<0NOSP	TQTN: 0RUMP
TQTNM0SRRP	TQTNU0SNQP	TQTNQ0SMRP	TQTNTOSONP
TQTNFOR<; P	TQTNR0R: NP	TQTS; 0SURP	TQTS<0NS: P
TQTS: 0R; SP	TQTSM0RQTP	TQTSU0R<NP	TQTSQ0S<; P
TQTSFORURP	TQTS0SSTP	TQTR; 0STTP	TQTR<0RSTP
TQTR: 0S; RP	TQTRM0S; RP	TQTRQ0SMQP	TQTRT0SRNP
TQTRS0SS: P	TQN; ; 0NSRP	TQN; <0STNP	TQN; M0SQ; P
TQN; Q0R<<P	TQN; T0NRUP	TQN; N0S; NP	TQN; S0STMP
TQN; R0NRNP	TQN<; 0<; <RP	TQN<<0RQSP	TQN<T0N<TP
TQN<N0S; <P	TQN<R0S: QP		

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

M\$

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; E+=: 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: >: 2K





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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

@?\*Z =>| E1?'GEHH5A5'EF'5BAAVY15GCBEHEAI '@=XC=WDH=8

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''/+/74

\*585\*15! 'L=\*\*

TN: TM0SR; P	TN: TQ0SNSP	TN: TT0<; <TP	TN: N<0R: TP
TN: N: 0SRTP	TN: NM0STRP	TN: NU0S<MP	TN: NQ0RNMP
TN: NT0R<RP	TN: NN0STQP	TN: NR0<; M; P	TN: S; 0NMNP
TN: S<0SRSP	TN: SU0RUTP	TN: SS0SQTP	TN: SR0SRRP
TN: R; 0RUTP	TN: R<0SNRP	TN: R: 0N: MP	TN: RQ0RMTP
TN: RT0R; QP	TNM; <0RMSP	TNM; MORMUP	TNM; U0R; MP
TNM; Q0R: UP	TNM; T0R<QP	TNM; N0RN<P	TNM; S0NRNP
TNM<; 0RR<P	TNM<<0NNMP	TNM<: 0SSRP	TNM<M0STTP
TNM<U0RS; P	TNM<T0RRUP	TNM<N0RQTP	TNM<S0SUTP
TNM: ; 0SR: P	TNM: <0RSUP	TNM: : 0ST<P	

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

MM

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

-----  
| @?\*Z =>| E1?'GEHH5A5'EF'5BAAIY15GCBEHEAI '@=XC=WDH=8 |  
-----

L=L5! 'L=\*\*      O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7'''/74

TN: T<  
= 0 G 5 F C

TN: T:  
= 0 G 5 F A C

TN: TU  
= 0 G 5 F A

TN: TN  
= 0 G 5 F C

TN: TS  
= G 5 F

TN: TR  
= 0 G 5 F A C

TN: NS  
O G F

TN: S:  
= 0 G 5 F C

TN: SM  
= 0 G 3 5 F A

TN: SQ  
= 0 G 3 5 F C

TN: ST  
= 0 G 5 F C

TN: SN  
= 0 G 5 F C

TN: RM  
G F

TN: RU  
= 0 G F A

TN: RN  
= 0 G 3 5 F A

TN: RS  
= 0 G 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+:)6;

-----  
| !"#!#\$!""      %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+! ""      MN

-----  
?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0&1 234/5,6. +76&+(7"869':;<<

-----  
| @?\*Z =>| E1?'GEHH5A5'EF'5BAAIY15GCBEHEAI '@=XC=WDH=8 |  
-----

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7'''/74

L=L5! 'L=\*\*

TN:RR

= 0 G 5 F A C

TNM;:

= 0 G 5 F A C

TNM;R

= 0 G 5 F A C

TNM<Q

= 0 G 5 F A C

TNM<R

= 0 G 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+;)6;

-----  
| !"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" | MO

-----  
?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,\*-,./01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G'1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0123456789:;<<

\*! 55'B=! =I =B='8=BA=H=8'?B\*1?1D15'EF'\*G?5BG5'=B3'15GCBEHEAI ' BE! 1C'L=! D!

O/672-J'5%"2&/+26%67K'5%"2&/ (7+2#'574+7""/+74

\*585\*15! 'L=\*\*

QMMTSONQMP	N; ; N<0SQMP	N; ; NUORTUP	N; ; NQORQMP
N; ; NTOSUSP	N; ; NSOTSRP	N; ; NROSQNP	N; ; S; OS: NP
N; ; S: ONRTP	N; ; SMONTMP	N; ; SUOSURP	N; ; SSOSUTP
N; ; R; OS<; P	N; ; R<ORUQP	N; ; R: OTNQP	N; ; RMOTU; P
N; ; RUONTTP	N; ; RTORM: P	N; ; RNOSMTP	N; ; RSOTTNP
N; <; <OTS; P	N; <; : ONS; P	N; <; MORQ<P	N; <; UONRSP
N; <; QOS; ; P	N; <; TORS: P	N; <; NOSTMP	N; <; ROS: UP
N; <<; OSSQP	N; <<; OSNTP	N; <<MOSN: P	N; <<UOS<QP
N; <<QOS; TP	N; <<TOR; UP	N; <<NORUNP	N; <; <OR; MP
N; <; : OSSQP	N; <; MONRUP	N; <; UOR<UP	N; <; TONR: P
N; <; NOS; NP	N; <; SONSSP	N; <; ROSQQP	N; <M; OSQSP

%109:33;

0000000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+ . &2&' \*3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

MP

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' +'-\*B: 3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; E+=: 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

-----  
\*! 55'B=!=I =B='8=BA=H=8'?B\*1?1D15'EF'\*G?5BG5'=B3'15GCBEHEAI '
BE! 1C'L=! D!
-----

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''' /+74

L=L5! 'L=\*\*

QMMTN

= 0 G F A C

QMMTR

0 5 F

QMMN;

= C

QMMN<

0

QMMN:

3 5 F

N;;N:

A

N;;NM

= G 3 5 A C

N;;NN

= 0 G 5 F A

N;;S<

= 0 5 F A

N;;SQ

= 0 3 5 F A C

N;;ST

= 0 3 F

N;;SN

= 0 G 3 5 A C

N;;SR

= G 5 A

N;;RQ

= 5 A

N;;RR

= 0 G 5 A

N;<;;

= G 5 F A

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

-----  
| "##!#\$!"" | %&'()\*+, -. /0\*1+. &2\*'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" | MQ

-----  
| ?<2@/) &A+(' /; 8\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ |  
7#' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

\*! 55'B=!=I =B='8=BA=H=8'?B\*1?1D15'EF'\*G?5BG5'=B3'15GCBEHEAI '|  
BE! 1C'L=! D!'

L=L5! 'L=\*\* 0/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7''''/74

N;<;S

A

N;<<<

= O G F

N;<<S

= O G 5 F A C

N;<<R

= O G F A C

N;<:;

F A

N;<:Q

= O G 5 F A C

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

MR

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*\$0&123456789:;<<

DB?@5! \*?1I 'GEHH5A5'EF'5BA?B55! ?BA['1CE3DLDXC=

O/672-J'5%'2&/+26%67K'5%'2&/ (7+2#'574+7''/)+74

\*585\*15! 'L=\*\*

T: Q; : ONSTP	T: Q; QOR: NP	T: Q; TONSNP	T: Q; SONT<P
T: Q; ROSRUP	T: Q<; ORQUP	T: Q<: ORT; P	T: Q<MOSMNP
T: Q<UONUSP	T: Q<QOSMUP	T: Q<TONM<P	T: Q<NORM: P
T: Q<SOR: RP	T: Q: : OSS<P	T: Q: QORMQP	T: QMMORMTP
T: QMQOR<QP	T: QMTOS: NP	T: QMSOSQSP	T: QMRONTNP
T: QU<OSSNP	T: QUMOTSRP	T: QUQONTTP	T: QUNORMRP
T: QUR0TR; P	T: QQ; ONRUP	T: QQ<OSQUP	T: QQ: OS: RP
T: QQMONR; P	T: QQSORNQP	T: QQRONTSP	T: QT; OTNQP
T: QT<ONTTP	T: QT: OSR; P	T: QTUONT<P	T: QTTON: ; P

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

N!

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+ , - . / 0 1 / 2 / 3) 4 5 / 6 + 0' / - 5 0: \* + 7 # ' # 8 E F : 3 & & G ' 1 : + 4 1 : C : ; [ + = : 1 : \* 2 : + H : ; A 1 / + I ; / C & 3 ' / \* > + J < \* \* : > : 2 K





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

! "#\$%&'()\*+,-./\*0&1 23456. +76&+(7"869':;<<

DB?@5! \*?1I 'GEHH5A5'EF'5BA?B55! ?BA[1CE3DLDXC=

O/672-J'5%'2&/+26%'67K'5%'2&/ (7+2#'574+7'''/74

L=L5! 'L=\*\*

T: QM<

= G 5 F A C

T: QM:

= O G 5 F A C

T: QMU

= O G 5 F A C

T: QMN

= O G 5 F A C

T: QU;

= O G F A C

T: QU:

= O G 3 5 F C

T: QUT

= O 3 5 F A C

T: QUS

O G 3 5 F A C

T: QQU

= G 5 F A C

T: QQQ

G 5 A C

T: QQT

= O G 3 5 F C

T: QQN

G F A

T: QTM

= G 5 F A C

T: QTQ

O G 3 F C

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

N\$

?<2@/) &A+(' /; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

NL

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/I ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<<

=>?@5! \*?1A'BCDD5E5'CF'5>E?>55! ?>E6'1HC3=I =JHK

O/672-L'I (%9. "/'574+7"/+74

\*585\*15! 'I K\*\*

<MM<MNOQR	<MM<SNOQ<R	<MM<ONTTPR	S: TSSNTTMR
S: TSTN<; ; SR	S: TSONQMQR	S: TSONOQTR	S: TT<N<; ; MR
S: TT: NO<<R	S: TTUNQT<R	S: TTPNQ<QR	S: TTMNTSMR
S: TTSNOSPR	S: TTTNO: TR	S: TTQNOQSTR	S: TO; NOUR
S: TO<NO<TR	S: TO: NOP; R	S: TOUNOTQR	S: TOPNQ<<R

=>?@5! \*?1A'BCDD5E5'CF'5>E?>55! ?>E6'1HC3=I =JHK

I KI 5! 'I K\*\* O/672-L'I (%9. "/'574+7"/+74

<u>&lt;MM&lt;T</u>						
K	O	B	3	F	E	H
<u>S: TSP</u>						
K	O	B	3	5	F	H
<u>S: TSM</u>						
K	O	3	5	H		
<u>S: TT;</u>						
K	O	B	3	5	F	H
<u>S: TTO</u>						
K	O	3	5	F	E	H
<u>S: TOM</u>						
K	O	3	5	F	E	H

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$\$-5:6-+:)6;

!"#!#\$!"" %&'()\*+,-./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

?<2@/) &A+(' /; 8\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+,-'\*. "#&"/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

\*BHCCD'CF'15BH>CDCEA'K>3'KI I D?53'\*B?5>B5\*'I =DDK! ?V=>>='V18

0/672-L'I (%9. "/'574+7"/+74

\*585\*15! 'I K\*\*

: PO; : NO: <R

: PO; PNO: TR

SPP; PNOQMR

SPP; SNOQSR

SPP; ONTP<R

SPP; QNOUOR

SPP<MNTOPR

SPP<ONOQ; R

SPP: : NOPUR

SPP: PNO; OR

SPP: TNT: PR

SPP: QNTQOR

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+\$! ""

\$

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K







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

! "#\$%&'()\*+,-./\*0&1 23456. +76&+(7"869';;<<

\*BHCCD'CF'15BH>CDCEA'K>3'KI I D?53'\*B?5>B5\*'I =DDK! ?V=>>='V18 |

0/672-l'I (%9. "/'574+7"/+74

I KI 5! 'I K\*\*

SPP:<

E H

SPP:U

K 3 E

SPP:M

3 E H

SPP:S

B 3 5 E H

SPP:0

5 E H

SPPU:

E H

SPPU<

0 3 E H

SPPU:

3 E H

SPPUU

K E H

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&\*&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

M

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-./\*0123456. +76&+(7"869';;<<

! =>=?@! @'ABCC5?5'BD'5E?@E55! @E?'=E3'15AF EBCB?G

O/672-H'=I I %+"J'5%'2&/(7+2#'67J'@7#&/\$. "7&6&+(7

\*585\*15! 'K=\*\*

LM; ; <NO; ; P	LM; ; ; NQROP	LM; ; SNQ TTP	LM; ; TNO<; P
LM; ; MNQOMP	LM; ; LNRO; P	LM; ; QNQL: P	LM; ; ONRO: P
LM; <; NQ: MP	LM; <<NQOQP	LM; <; NOOMP	LM; <SNOTOP
LM; <MNQTSP	LM; <LNOM<P	LM; <RNQO: P	LM; <QNORMP
LM; <ONQ<LP	LM; ; ; NRT: P	LM; ; SNO; MP	LM; ; TNQ TLP
LM; ; RNOO: P	LM; ; QNRSOP	LM; ; ONRRRP	LM; S; NOS; P
LM; S<NQ; MP	LM; S: NQ<SP	LM; SSN<; MSP	LM; SMNOT<P
LM; SLNO; MP	LM; SRNQSOP	LM; SQNQ; TP	LM; SONQQLP
LM; T; NQR: P	LM; T<NOTSP	LM; T: NOM: P	LM; TSNO: LP
LM; TTNOQMP	LM; TMNQ: ; P	LM; TLNRLTP	LM; TRNQLSP
LM; TONQMOP	LM; TONROLP	LM; M<NQSTP	LM; MSNQM<P
LM; MTNO: RP	LM; MMNOO; P	LM; MLNQO: P	LM; MRNRL; P
LM; MQNO: SP	LM; MONROOP	LM; L; NQTOP	

! =>=?@! @'ABCC5?5'BD'5E?@E55! @E?'=E3'15AF EBCB?G

O/672-H'=I I %+"J'5%'2&/(7+2#'67J'@7#&/\$. "7&6&+(7

K=K5! 'K=\*\*

<u>LM; ; R</u>					
=	0	3	5	?	F
<u>LM; &lt;T</u>					
=	0	3	5	D	?
<u>LM; ; &lt;</u>					
0	A	3	5	D	?
<u>LM; ; L</u>					
0	3	5	D	?	F
<u>LM; M;</u>					
0	A	3	5	D	?
<u>LM; M:</u>					
3	5	F			

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+ . &2&' \*3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<<

[ =3@\*F=EU=! ='@E\*1@1V15'BD'5E?@E55! @E?'=E3'15AFEB?G'U=C=3G ]

O/672-H'=11%+"J'5%'2&/(7+2#'67J'@7#&/\$. "7&6&+(7

\*585\*15! 'K=\*\*

LOSTLNO; LP	LOSTRNQTRP	LOSTONQMSP	LOSM: N<; : <P
LOSMSNOSRP	LOSMTNQTRP	LOSMRNQ<; P	LOSMQNO; LP
LOSL<NRM; P	LOSLSNQL; P	LOSLTNOTTP	LOSLMNQ; <P
LOSLLNQROP	LOSLRNQOTP	LOSR; NQ; OP	LOSR<NO; <P
LOSRSNO: OP	LOSRTNRTSP	LOSRMNQM: P	LOSRLNQMRP
LOSRRNQORP	LOSROQRNTP	LOSRONRQSP	LOSQ; NOT: P
LOSQ<NOLOP	LOSQ: NO: ; P	LOSQSNO: MP	LOSQMNRSQP
LOSQLNLQOP	LOSQRNOSRP	LOSO; NQ: ; P	LOSO<NOS: P
LOSO: NOSMP	LOSOSNO; SP	LOSOTNOQMP	LOSOMNOSTP
LOSOLNRQ<P	LOSORNOSMP	LOSOQNRMOP	LOSOONO: ; P
LQT; ; NRRMP	LQT; <NRTSP	LQT; : NOSMP	LQT; MNQSRP

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$

[ ?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K ]



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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +7&+(7'869';;<<

-----  
| =3@'F=EU=! ='E\*1@1V15'BD'5E?@E55! @E?'=E3'15AFEBBCB?G'U=C=3G |

K=K5! 'K=\*\* O/672-H'=I I %'J'5%'2&/(7+2#'67J'@7#&/\$. "7&6+(7

LQSTQ  
= 0 3 5 D ? F

LQSM;  
= 0 3 5 D F

LQSM<  
0 3 5 ? F

LQSMM  
= 0 3 5 ? F

LQSML  
= 0 A 3 5 ? F

LQSMO  
= 0 A 3 5 F

LQSL;  
= 0 A 3 5 ? F

LQSL:  
= 0 A 3 5 ? F

LOSLO  
A 3 5 D ? F

LOSLO  
= 0 3 5 ? F

LQSR:  
= 0 3 5 ? F

LQSQT  
= 0 A 5 D ? F

LQSQQ  
= 0 A 3 5 ? F

LQSQQ  
= 0 3 5 D ? F

LQT;S  
0 5 ? F

LQT;T  
= 0 5 F

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+:)6;

-----  
! "#"!#\$! "" %&'()\*+, --. /0\*1+. &2&'\*&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" L

-----  
| ?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#'#8EF: 3&&G'1: +41: C: ; E+=: 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K |



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

! "#\$%&'()\*"+, &-'\* ". "#&/'0'1'2-'3'4/'5, 6. +76&+(7'869': ; <<

8=! '0=\*5C@V\*'AF! @\*1@=E'ABCC5?5'BD'5E?@E55! @E?'=E3'15AFEBCB?'G'  
K55! 8=35

O/672-H'=I I %+"J'5%'2&/(7+2#'67J'@7#&/\$. "7&6&+(7

\*585\*15! 'K=\*\*

LTROONQSTP	LTQ; ; NQ; OP	LTQ; : NQQLP	LTQ; SNRMLP
LTQ; LN<; : LP	LTQ; RNOMLP	LTQ; QNOMTP	LTQ<SNQLRP
LTQ<LNO: OP	LTQ<RNQT; P	LTQ<ONQ: LP	LTQ: ; NQMTp
LTQ: <NRO; P	LTQ: : NOS; P	LTQ: SNOSTP	LTQ: MNOT; P
LTQ: QNQR<P	LTQS; NO<; P	LTQS: NQQOP	LTQSSNQMQP
LTQSTNQLQP	LTQSMNQROP	LTQSLNQTSP	LTQSRNRS<P
LTQSONQ; QP	LTQT; NQOSP	LTQTSNQT<P	LTQTTNQMMp
LTQTMNQR; P	LTQTLNO: QP	LTQTQNRQLP	LTQTONO<TP
LTQM; NRRLP	LTQM: NQTLp	LTQMTNROOP	LTQQ; NQ: QP
LTQQ: NQ: MP			

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

M

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+  
7#' #8EF: 3&&G' 1: +41: C: ; E+=: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K





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

! "#\$%&'()\*+,-./\*0123456789:;<=>

8=! '0=\*5C@V\*'AF! @\*1@=E'ABCC5?5'BD'5E?@E55! @E?'=E3'15AFEBCB?G'|  
K55! 8=35

K=K5! 'K=\*\*

0/672-H'=I I%+ "J'5%"2/(7+2#'67J'@7#&/\$. "7&6+(7

<u>LTQM&lt;</u>						
0	5	?		F		
<u>LTQMS</u>						
0	?	F				
<u>LTQMM</u>						
0	A	3	5	D	?	F
<u>LTQML</u>						
=	0	A	3	5	?	F
<u>LTQRO</u>						
=	0	3	5	?	F	
<u>LTQQ&lt;</u>						
=	0	3	5	?	F	

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00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

0

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: >: 2K





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

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8BVE1'W@BE'ABCC5?5'BD'5E?@E55! @E?'U=3=88=E@11=

O/672-H'=11%+ 'J'5%'2&/(7+2#'67J'@7#&/\$. "7&6&+(7

\*585\*15! 'K=\*\*

T<<L<NQMMP	LRLTSNQ; MP	LRLTTNQRLP	LRLTRNO; LP
LRLTONRMLP	LRLMSNQRMP	LRLMMNQTOP	LRLMRNQ<TP
LRLMQNQ; QP	LRLMONQM; P	LRLLTNQOTP	LRLLMNOR; P
LRLLONO; SP	LRLRTNQ: RP	LRLRMNQMMP	LRLQMNOSLP
LRLO<NQ: SP	LRLO: NROQP	LRLOMNQ; RP	LRLOONO<MP
LRR; : NORLP	LRR; LNOMRP		

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00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+\$! ""

P

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -. /01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

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8BVE1'W@BE'ABCC5?5'BD'5E?@E55! @E?'U=3=88=E@11=

O/672-H'=11%+J'5%'2&/ (7+2#'67J'@7#&/\$. "7&6&+(7

K=K5! 'K=\*\*

LRLRL

F

LRLRR

= 0 3 5 ? F

LRLRO

3 5 D ? F

LRLQ;

= 0 3 5 ? F

LRLQ<

= 0 A 3 5 ? F

LRLQ:

3 5 D F

LRLQS

= 5 ? F

LRLQT

= 0 3 5 D ? F

LRLQL

= 0 3 5 D ? F

LRLQR

= 5 F

LRLQQ

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0 3 5 D ? F

LRLQ;

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3 ? F

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F

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!"#!#\$!""

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?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0&1 234/5,6. +76&+(7'869':;<<

8BVE1'W@BE'ABCC5?5'BD'5E?@E55! @E?'U=3=88=E@11=

O/672-H'=I I %t'J'5%'2&/ (7+2#'67J'@7#&/\$. "7&6&+(7

K=K5! 'K=\*\*

LRL00

0 3 F

LRR; ;

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!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

!"

?<2@/) &A+('/; 8+\*1&+! "#\$%#&' +! <-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<<

\*=@E1?@1\*'ABCC5?5'BD'5E?@E55! @E?'K=1F=8V11B8'U18

O/672-H'=11%+"J'5%'2&/(7+2#'67J'@7#&/\$. "7&6&+(7

\*585\*15! 'K=\*\*

R<OS<NO<LP	R<OS: NQOLP	R<OSTNOTSP	R<OSMNRLOP
R<OSRNOR: P	R<OSQNO: TP	R<OSONQRRP	R<OT; NQ<QP
R<OT<NOR; P	R<OTSNQMRP	R<OTTNO; OP	R<OTLNR: P
R<OTQNRROP	R<OTONQ; ; P	R<OM<NRLRP	R<OM: NQ<; P
R<OMSNOTQP	R<OMTNQMOP	R<OMMNR<TP	R<OMLNRROP
R<OMRNQT; P	R<OMONQMOP	R<OL<NOSRP	R<OLSNQOMP
R<OLTNO; LP	R<OLLNQLLP	R<OLRNQ<QP	R<OLONQ; OP
R<OR<NOR: P	R<OR: NRQMP	R<ORSNRLSP	R<ORTNOTOP
R<ORMNO<QP	R<ORRNQOSP	R<ORONQOMP	R<OQ; NQL: P
R<OQ<NRTOP	R<OQ: NLQRP	R<OQSNO; TP	R<OQTNOQOP
R<OQMNRMP	R<OQRNQLTP	R<OO; NR: LP	R<OO<NQSSP
R<OOMNOQMP			

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-./\*0123456789:;<<

\*1'>B\*5KF\*"ABCC5?5'BD'5E?@E55! @E?'=E3'15AFEBCB?G'  
AFBBE3=AF5!! G'K=C=

O/672-H'=I I %+"J'5%'2&/(7+2#'67J'@7#&/\$. "7&6+(7

\*585\*15! 'K=\*\*

LMM; <NQM: P	LMM; : NOMTP	LMM; SNQ; MP	LMM; TNO<TP
LMM; MNQM; P	LMM; LNQMSP	LMM; RN<; SLP	LMM; QNQR: P
LMM; ONQR; P	LMM<; NQQLP	LMM<<NQ; <P	LMM<: NQ<; P
LMM<SNRQMP	LMM<LN<; : MP	LMM<RNQ<LP	LMM<QNQO; P
LMM: ; NOLLP	LMM: SNQLSP	LMM: TNO: SP	LMM: QNQ: SP
LMM: ONQO; P	LMMS; NQSQP	LMMS: NQR: P	LMSSNRRSP
LMMSMNQMLP	LMMSLN<; ; RP	LMMSRNQTSP	LMMSQNQLQP
LMMSONQM; P	LMMT; NQRLP	LMMT<NOLMP	LMMTSNROTP
LMMTTNO; LP	LMMTMNR; SP	LMMTLNQSP	LMMTQN<; ; RP
LMMTONQSTP	LMMM<NQRLP	LMMM: NO<TP	LMMMSNO; RP
LMMMTNO<TP	LMMMRNQ<; P	LMMMQNQMSP	LMMMNOQ: SP

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+):6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&' \*3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

"L

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K







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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

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00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

"N

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/I ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-. /0123456789:;<<

=>?1@A>BB5=5'>C'5D=ED55! ED='FGEDG?H

O/672-I'E7) (/ . 6&+(7'1"2-7(%(49

\*585\*15! 'FG\*\*

<JJKLMNJJ0	PL<QKMR; J0	PL<QJMN; R0	PL<QRMNLK0
PL<QNMNJJ00	PL<QQMNP<0	PL: ; <MQPJ0	PL: ; : MRN: 0
PL: ; LMNLR0	PL: <<MRLQ0	PL: <JMPRR0	PL: <PMRRK0
PL: <NMNLP0	PL: : <MRNK0	PL: : JMN<Q0	PL: L: MNRN0
PL: LLMNQ: 0	PL: LNMQJK0	PL: LQM; L0	PL: K; MQ<R0
PL: K<MNN<0			

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K









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

! "#\$%&'()\*+,-.\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

! GTG=E! E'A>BB5=5'>C'5D=ED55! ED='GD3'15ASD>B>=U

O/672-I'E7)(/. 6&+(7'1'2-7(%(49

\*585\*15! 'FG\*\*

PJLPLMN: ; 0	PJLPKMN<Q0	PJLPJMRJQ0	PJLPPMNK: 0
PJLPRMQJJ0	PJLPNMNJ; 0	PJLPQMQNQ0	PJLR; MRPQ0
PJLR<MNRN0	PJLR: MQ: K0	PJLRLMRJQ0	PJLRKMQP<0
PJLRPMN: R0	PJLRRMNLK0	PJLRNMN<; 0	PJLRQMN; Q0
PJLN; MQ: <0	PJLN<MRJQ0	PJLN: MPQP0	PJLNLMRPK0
PJLNKMNNK0	PJLNJMQKK0	PJLNPMQ: P0	PJLNNMN; L0
PJLNQMRQK0	PJLQLMQPL0	PJLQKMRNJ0	PJLQNMNPNO
PJLQMQMNQJ0	PJK; <MNP<0	PJK; : MNJQ0	PJK; LMPRR0
PJK; JMRQR0	PJK; PMN<J0	PJK; NMR<P0	PJK; QMN<J0
PJK<; MNPP0	PJK<<MRJJ0	PJK<: MRJ: 0	PJK<LMQQK0
PJK<KMNPK0	PJK<JMN; <0	PJK<NMNPQ0	PJK: ; MRJK0

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

N

?<2@/) &A+( '/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; E+=: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K





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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

G3E'\*SGDVG! G'ED\*1E1H15'>C'5D=ED55! ED='GD3'15ASD>B>=U'VGBG3U

O/672-I'E7)(/. 6&+(7'1'2-7(%(49

\*585\*15! 'FG\*\*

PN: N<MN<; 0	PN: N: MQKK0	PN: NKMRJ<0	PN: NPMRPNO
PN: NNMNLJ0	PN: NOMNLR0	PN: Q; MNRL0	PN: Q: MRQ: 0
PN: QLMN: : 0	PN: QQMRNK0	PNL; : MQP: 0	PNL; LMNKR0
PNL; KMQL<0	PNL; PM<; <R0	PNL; RM<; LK0	PNL; QMNJQ0
PNL<; MR: P0	PNL<<MNK: 0	PNL<: MQJN0	PNL<LMQ<: 0
PNL<KMQJ<0	PNL<PMN<P0	PNL<QMRPP0	PNL: ; MNRL0
PNL: <MRRO0	PNL: LMQ: <0	PNL: NMNLP0	PNLL; MRLK0
PNLL<MNJP0	PNLLL MN; J0	PNLLKMNNL0	PNLLJMN: L0
PNLLRMNKR0	PNLLNMN: : 0	PNLLOMR<R0	PNLK; MNRL0
PNLK<MNQK0	PNLK: MRNK0	PNLKLMNL; 0	

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

P

?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; E+=: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K







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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

G3E'\*SGDVG! G'ED\*1E1H15'>C'5D=ED55! ED='GD3'15ASD>B>=U'VGBG3U |

FGF5! 'FG\*\* O/672-I'E7)(/. 6&+(7'1"2-7(%(49

PNL: :

G 0 3 5 C = S

PNL: K

G 0 3 5 C = S

PNL: J

G 0 3 5 C = S

PNL: P

G 0 3 5 C = S

PNL: R

S

PNL: Q

S

PNLL:

3 5 S

PNLLP

G 0 3 = S

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -./0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

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?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -./01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

G8GB'TU>1SE'5D=ED55! ED="A>BB5=5'V>>?GFFGBBU'VGDTE! GFGBBU

O/672-I'E7)(/. 6&+(7'1'2-7(%(49

\*585\*15! 'FG\*\*

PPN: PMNN<0	PPN: NMQ; N0	PPN: QMQ; P0	PPNL<MRQP0
PPNLLMNKK0	PPNLJMRQP0	PPNLQMNPO0	PPNK<MRQN0
PPNK: MQ; Q0	PPNKKMNLJ0	PPNKJMN<R0	PPNKPMRJ0
PPNKRMMN<0	PPNJ<MNJJ0	PPNJ: MQ; J0	PPNJLMNNQ0
PPNJQM0: R0	PPNJPMNPP0	PPNJRMMN<P0	PPNJNMNLK0
PPNJQMRO00	PPNP; MN; K0	PPNP<MRJ; 0	PPNP: MN; J0
PPNPLMNQK0	PPNPJMRPN0	PPNPPMNR: 0	PPNPRMNRP0
PPNPQMNNP0	PPNR; MN; Q0	PPNR<MN; : 0	PPNR: MNN: 0
PPNRMLNPK0	PPNRPMQL; 0	PPNRMMN: R0	PPNRNMQKJ0
PPNRQMMN<<0	PPNN: MN: J0		

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

!"

?<2@/) &A+( '/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K







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

! "#\$%&'()\*+,-.\*/0123456789:;<<

AGG! 85B'5D=ED55! ED='A>BB5=5'F5! EDG3H! GDDE

O/672-l'E7) (/ . 6&+(7'1"2-7(%(49

\*585\*15! 'FG\*\*

PQNJPMNRN0	PQNP: M<; ; : 0	PQNPPMNR<0	PQNPRMQ; P0
PQNPQMNI: P0	PQNRLMNRPO	PQNRPMNNO0	PQNRNMN; R0
PQNRQMNI: 0	PQNN; M<; ; <0	PQNN<MNRRO	PQNNKMNI: 0
PQNNRMNI: 0	PQNNQMNR<0	PQNQLMNR; 0	PQNQKMNJ; 0
PQQ; <MQ<; 0	PQQ; LMN: Q0	PQQ; PMNQ: 0	PQQ; QMN<<0
PQQ<LMNQR0	PQQ<KMNJN0		

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

"L

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: : >: 2K





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

! "#\$%&'()\*+,-./\*0&1 234/5,6. +76&+(7'869':;<<

AGG! 85B'5D=ED55! ED='A>BB5=5'F5! EDG3H'! GDDE

O/672-'E7)(/. 6&+(7'1"2-7(%(49

FGF5! 'FG\*\*

PQNRK

G O 3 5 C = S

PQNRJ

G O 3 5 C = S

PQNR

O A 3 5 C = S

PQNN:

G O S

PQNNL

O A 3 5 C S

PQNNJ

O A 3 5 C = S

PQNNN

G O A 3 5 C S

PQNO;

G O 3 5 C = S

PQNO<

G O A 3 5 C S

PQNOJ

S

PQNOP

O 3 5 C = S

PQNOQ

G O 3 5 C S

PQO;

S

PQO;:

G O = S

PQO;K

G O 3 5 C = S

PQO;J

O 5 S

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; += : >+! ""

"N

?<2@/) &A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: : >: 2K







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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

EBGSEG'A>BB5=5'>C''5D=ED55! ED='GD3''15ASD>B>=U'8HBG?>>!'  
8>>?G11HFHWWSG

O/672-'E7)(/. 6&+(7'1'2-7(%(49

\*585\*15! 'FG\*\*

R: LJKMQ; <0	R: LJJMRLK0	R: LJPMRQ: 0	R: LJRMNNJ0
R: LJNMNN: 0	R: LJQMNQR0	R: LP<MR<K0	R: LPKMNR<0
R: LPJMNLL0	R: LPNMN; <0	R: LPQMNKP0	R: LRJMRJP0
R: LRPMNQK0	R: LRNMQJP0	R: LRQMR; L0	R: LN; MPRP0
R: LNKMNQ: 0	R: LNJMRPN0	R: LNPMQK: 0	R: LNRMNJ; 0
R: LNNMRNQ0	R: LQ; MQ: ; 0	R: LQ<MQKL0	R: LQ: MRR; 0
R: LQKMNKK0	R: LQQMRRQ0	R: K; ; MRPL0	R: K; : MNJ; 0
R: K; LMRKQ0	R: K; KMPNL0	R: K; QMR<<0	R: K<<MNP: 0
R: K<: MNJN0	R: K<LMQ<R0	R: K<KMQ: <0	R: K<PMRKQ0

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

"P

?<2@/) &A+( '/; 8+\*1&+! "#\$%#&' +'<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+  
7#' #8EF: 3&&G' 1: +41: C: ; E+=: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K







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

! "#\$%&'()\*+,-./\*0123456789:;<<

V85G'5D=ED55! ED=@A>BB5=5'53G1SGBG'GBH?G

O/672-l'E7) (/ . 6&+(7'1"2-7(%(49

\*585\*15! 'FG\*\*

: PQR: KMQL<0	RL; RJMN<: 0	RL; N<MN; Q0	RL; NNMR; J0
RL; Q<MRJJ0	RL; QKMN: L0	RL; QNMPQR0	RL; QQMRRK0
RL<; ; MRQP0	RL<; <MQKP0	RL<; : MR<J0	RL<; LMQ<K0
RL<; JMNNL0	RL<; RMNKR0	RL<<: MN<; 0	RL<<LMN; J0
RL<<PMN: : 0	RL<<RMN; N0	RL<<NMNK; 0	RL<<QMNR<0
RL<: PMN: N0	RL<: RMQK: 0	RL<: NMRNNO	RL<L; MN: N0
RL<L<MN<: 0	RL<LJMN; P0		

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+ . &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$!

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+  
7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: : >: 2K



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

! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +7&+(7'869':;<<

V85G'5D=ED55! ED=@A>BB5=5'53G1SGBG'GBH?G

FGF5! 'FG\*\*

O/672-I'E7)(/. 6&+(7'1"2-7(%(49

:PQR:J

G O 3 5 C = S

RL;R<

G O 3 5 C = S

RL;RL

G O 3 5 = S

RL;RK

G O 3 C S

RL;RP

O C =

RL;RR

G O 3 C = S

RL;RN

G O 3 5 C = S

RL;RQ

G O 3 C = S

RL;N;

G O 3 5 C = S

RL;N:

O = S

RL;NL

G O 5 C = S

RL;NK

G O 3 5 C S

RL;NJ

G O A 3 5 C S

RL;NP

G O 3 5 C S

RL;NR

S

RL;NQ

G O 3 5 C = S

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!"

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+! ""

\$"

?<2@/) &A+('/; 8+1&+! "#\$%#&' +! <-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

V85G'5D=ED55! ED=@A>BB5=5'53G1SGBG'GBH?G

O/672-'E7)(/. 6&+(7'1"2-7(%(49

FGF5! 'FG\*\*

RL<:L

G 0 3 5 C = S

RL<:K

G 0 3 5 C = S

RL<:J

G 0 3 5 C = S

RL<:Q

G 0 3 5 C = S

RL<:L

G 0 3 5 C = S

RL<LL

G 0 3 C = S

RL<LK

G 0 3 5 C = S

%109:33;

0000000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$L

?<2@/)&A+('/; 8+\*1&+! "#\$%#&'+'<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# #8EF: 3&&G'1: +41: C; ; [+ = : 1: \*2: +H: ; A1/H ; /C&3'/'>+J<\*: :>: 2K





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

! "#\$%&'()\*+,-.\*/0123456789:;<<

8GD=GBG8'A>BB5=5'>C'5D=ED55! ED='511H8GD>>!

O/672-I'E7)(/. 6&+(7'1"2-7%(49

\*585\*15! 'FG\*\*

R: NLKMN<J0	R: NLJMNRN0	R: NLPML: 0	R: NK; MN: J0
R: NJ<MRRK0	R: NJJMNLL0	R: NJRMNKN0	R: NJQMR; N0
R: NPKMN; R0	R: NPJMN<K0	R: NPPMNKR0	R: NPRMRQP0
R: NPNMNJN0	R: NPQMRRL0	R: NRPMN; K0	R: NNLMNKJ0
R: NNKMRL: 0	R: NNJMR: L0	R: NNNMR<L0	R: NNQMRPL0
R: NQLMRQ<0			

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$M

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*"+, & - '\*". "#&'/'0'1'2-'3'4/'5, 6. +76&+(7'869': ; <<

8GD=GBG8'A>BB5=5'>C'5D=ED55! ED='511H8GD>>!

FGF5! 'FG\*\* O/672-I'E7) (/ . 6&+(7'1"2-7(%(49

R: NLL

O 3 C = S

R: NLR

C S

R: NLN

G 0 3 5 C = S

R: NLQ

5 C S

R: NK<

O 3 5 C = S

R: NK:

G 0 3 5 C = S

R: NKL

G 0 A 3 5 C S

R: NKJ

G 0 3 S

R: NKP

G 0 3 C = S

R: NKR

G 0 3 5 C = S

R: NKN

G 0 C = S

R: NKQ

G 0 3 5 C = S

R: NJ;

O 3 5 C = S

R: NJ:

G 0 3 5 C = S

R: NJL

G 0 A 5 C = S

R: NJK

O C = S

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+! "" \$N

?<2@/) &A+( '/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-./\*0&1 23456. +76&+(7"869':;<<

8GD=GBG8'A>BB5=5'>C'5D=ED55! ED='511H8GD>>!

O/672-I'E7)(/. 6&+(7'1"2-7(%(49

FGF5! 'FG\*\*

R: NNR

O 3 = S

R: NQ<

O 3 S

R: NQ:

G O A 3 5 C S

R: NQK

O A 3 S

R: NQJ

O 3 S

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$P

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7#'#8EF: 3&&G'1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-.\* /0'1"2-'3"4/"5,6. +76&+(7"869':;<<

8G1SG'A>BB5=5'>C'15ASD>B>=U'8GDGVGFG3U'D>! 1S'FG! H!

O/672-I'E7)(/. 6&+(7'1"2-7(%(49

\*585\*15! 'FG\*\*

PPK; : MPQQ0	PPK; LMNPO	PPK; QMRQ: 0	PPK<PMN: <0
PPK<RMNJL0	PPK; ; MNKN0	PPK: <MN; ; 0	PPK: PMRNK0
PPK: QMN; J0	PPKLJMN<L0	PPKK: MRQ<0	PPKKKMROK0
PPKKRMQPR0	PPKJ<MQ; L0	PPKJ: MRRR0	PPKJJMRPP0
PPKJPMRJQ0	PPKJRMRL: 0	PPKJNMNLJ0	

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

\$Q

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*"+, &-'\* ". "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

-----  
8G1SG'A>BB5=5'>C'15ASD>B>=U'8GDGVGFG3U'D>! 1S'FG! H!

FGF5! 'FG\*\*      O/672-I'E7) (/ . 6&+(7'1"2-7(%(49

PPK:R

G 0 3 5 C = S

PPK:N

G 0 3 5 C = S

PPKL;

G 0 3 5 C = S

PPKL<

5 = S

PPKL:

G 0 3 5 C = S

PPKLL

G 0 3 5 C = S

PPKLK

G 0 3 5 C S

PPKLP

G 0 3 5 C = S

PPKLN

G 0 3 5 C S

PPKLQ

G 0 3 5 C = S

PPKK;

G 0 3 5 C = S

PPKK<

G 0 3 5 C = S

PPKKL

G 0 3 5 C = S

PPKKP

G 0 3 5 = S

PPKKN

G 0 3 5 C = S

PPKKQ

G 0 5 C = S

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -./0\*1+ .&2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

L!

-----  
| ?<2@/) &A+(' /; 8\*1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+() \*+, -. /01/2/3)45/6+0' /-50: \*+ |  
| 7# # 8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ | ; /C&3' />+J <\*: :>: 2K |  
-----







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

! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

8>HD1'WE>D'A>BB5=5'>C'5D=ED55! ED='VG3G88GDE11G

O/672-I'E7) (/ . 6&+(7'1"2-7(%(49

\*585\*15! 'FG\*\*

PRNJPMNRL0	PRNJNMRPN0	PRNPKMN; K0	PRNR; MRN<0
PRNR: MNK; 0	PRNRJMNNL0	PRNRPMN: N0	PRNRQMNRQ0
PRNN<MRJR0	PRNN: MRPJ0	PRNNKM<; ; Q0	PRNNPMQON0
PRNNRMRJL0	PRNNQMRNL0	PRNQKMRRL0	PRQ; ; MQJN0
PRQ; LMN<P0	PRQ; KMNK: 0	PRQ; NMNQR0	PRQ<KMN<N0

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#-\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

L\$

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K





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

! "#\$%&'()\*+,-.\*/0123456789:;<<

8>HD1WE>D'A>BB5=5'>C'5D=ED55! ED='VG3G88GDE11G

FGF5! 'FG\*\* O/672-I'E7)(/. 6&+(7'1"2-7(%(49

PRNR

G 0 3 5 C = S

PRNR

G 0 3 5 C = S

PRNN;

G 0 3 5 C = S

PRNNL

G 3 5 C S

PRNNJ

G 3 5 = S

PRNNN

5

PRNQ;

3 = S

PRNQ<

G 5 C = S

PRNQ:

O 3 5 C = S

PRNQL

G 0 3 5 C = S

PRNQJ

O = S

PRNOP

G 0 3 = S

PRNQR

G 0 3 5 C = S

PRNQN

O 3 5 C = S

PRNQO

G 0 3 5 C = S

PRQ;<

S

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+;)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+ . &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+! ""

LM

?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: >: 2K





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

! "#\$%&'()\*+,-.\* /0'1"2-'3"4/"5,6. +76&+(7"869';;<<

?E\*XGTU>1E'A>BB5=5'>C'5D=@Y15ASD>B>=U'?GWSGVHBG8

O/672-I'E7)(/. 6&+(7'1"2-7(%(49

\*585\*15! 'FG\*\*

PRK; : MNKP0	PRK; LMRP<0	PRK; KMRPP0	PRK; JMNJ0
PRK; PMRR<0	PRK; RMNRN0	PRK; NMN: J0	PRK; QMN: R0
PRK<<MQ<K0	PRK<: MRLQ0	PRK<LMRRJ0	PRK<KMN<<0
PRK<JMRQ00	PRK<PMR: ; 0	PRK<RMNJ P0	PRK<NMQJN0
PRK<QMRLJ0	PRK: <MRN<0	PRK: LMN: Q0	PRK: KMQLL0
PRK: JMNQ: 0	PRK: PMN; P0	PRK: RMR: K0	PRK: QMRJ; 0
PRKL<MRP: 0	PRKL: MNLN0	PRKLLMRPL0	PRKCLKMNL: 0
PRKLJMN<N0	PRKLMNJ: 0	PRKLOMN<: 0	PRKK; MRQ<0
PRKK<MNL R0	PRKK: MNJ: 0	PRKKLMQ; : 0	PRKKKMQKR0
PRKKJMOKP0	PRKKPMNPNO	PRKKRMRRQ0	PRKKNMNJJ0
PRKKQMRRN0	PRKJ; MNJ; 0	PRKJ<MNJ: 0	PRKJ: M<; <Q0
PRKJLMN; <0	PRKJKMQ: N0	PRKJJMNPL0	PRKJPMNNO
PRKJRMRNJ0	PRKJNMROQ0	PRKJQMNLO0	PRKP; MNPJ0
PRKP: MNNL0			

%109:33;

00000000000000000000000000000000 (<=" 7)6+. )33/. 0)\*0#\$\$-5:6-+:)6;

!"#!#\$!""

%&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! ""

L0

?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+ , - . /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; E+=: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: >: 2K



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

! "#\$%&'()\*"+, &-'\* ". "#&'/'0'1"2-'3"4/'5, 6. +76&+(7"869': ; <<

-----  
?E\* XGTU>1E'A>BB5=5'>C'5D==@Y15ASD>B>=U'?GWSGVHBG8

FGF5! 'FG\*\* O/672-I'E7)(/. 6&+(7'1"2-7(%(49

<u>PRK;&lt;</u>						
O	A	3	5	C	=	S
<u>PRK&lt;:</u>						
G	O	A	5	C	=	S
<u>PRK:;</u>						
G	O	3	5	C	=	S
<u>PRK:.</u>						
3	5	=	S			
<u>PRK:N</u>						
G	A	3	5	C	=	S
<u>PRKL:</u>						
G	O	A	3	5	C	S
<u>PRKLP</u>						
G	3	5	C	=	S	
<u>PRKP&lt;</u>						
G	O	3	5	C	=	S

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/. 0)\*0#\$\$-5:6-+:)6;

-----  
| !"#!"\$!"" %&'()\*+, -. /0\*1+. &2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" | LP

-----  
?<2@/) &A+(' /; 8+1&+! "#\$%#&' +'<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: : >: 2K



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

! "#\$%&'()\*+,-./\*0&1 23456. +76&+(7"869';;<<

HDE?5! \*E1U'A>BB5=5'>C'5D=ED55! ED=7'1S>3HFHWSG

O/672-I'E7)(/. 6&+(7'1"2-7(%(49

\*585\*15! 'FG\*\*

<JJ<LMR; K0	<JJ<KMQ: Q0	P: R; KMRRL0	P: R; RMN: ; 0
P: R; NMQ; P0	P: R; QMRNJ0	P: R<; MRNJ0	P: R<<MQPLO
P: R<; MRQ; 0	P: R<LMQ: J0	P: R<KMRN; 0	P: R<JMN<; 0
P: R<RMNN: 0	P: R<QMRLJ0	P: R: <MR<R0	P: R: : MRQN0
P: R: LMRO; 0	P: R: PMQLN0	P: R: RMRKQ0	P: RL; MNRR0
P: RL<MQJ<0	P: RLLMNQ; 0	P: RLKMNK<0	P: RLJMRKLO
P: RLPMNKQ0	P: RLNMRR: 0	P: RLOMRP: 0	P: RK; MQ<J0
P: RK: MNK; 0	P: RKLMRPNO	P: RKKMRKQ0	P: RKJMNL; 0
P: RKPMNJQ0	P: RKNMNNL0	P: RKQM<<0	P: RJ; MNRP0
P: RJ<MNL<0	P: RJ: M<; : : 0	P: RJLMNQNO	P: RJKMN; N0
P: RJJMNJL0	P: RJPMNPQ0	P: RJRMNKN0	P: RJQMRQ; 0
P: RP; MN: ; 0	P: RP<M<; <; 0		

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! "#\$%&'()\*+,-'\*. "#&/'0'1'2-'3'4/'5,6. +76&+(7'869':;<<

HDE?5! \*E1U'A>BB5=5'>C'5D=ED55! ED=7'1S>3HFHWSG

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P: RP:

0 A 3 5 C = S

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=535! >'@A\*1@1B15'C='\*D@5AD5'>A3'15DEAC?CFG'8CCH>AAB! '  
>AF>8>?@

O/672-1'5%'2&/ (7+2#'67J'@7#&/\$. "7&6&+(7'574+7"' /+74

\*585\*15! 'K>\* \*

LMMM: NMM: 0	LMMMPNQR<0	LMMMRNLQR0	LMMMLNMQS0
LMMMMNT<L0	LMMQ<NML<0	LMMQ: NTL50	LMMQRN<; ; T0
LMMQLNQMR0	LMMQTNT: T0	LMMQQNQ: M0	LMQ; ; NMMR0
LMQ; RNMLQ0	LMQ; LNTTS0	LMQ<; NTQM0	LMQ<; NMQP0
LMQ<PNTT; 0	LMQ<LNQQ<0	LMQ<QNTLQ0	LMQ: : NQ: ; 0
LMQ: SNTML0	LMQ: LNQ; R0	LMQ: TNMPP0	LMQ: MNQR: 0
LMQP; NMQM0	LMQP<NMRP0	LMQPPNQR0	LMQPLNML<0
LMQPMNQ: ; 0	LMQPQNMPT0	LMQR<NMMQ0	LMQRPNQTS0
LMQRRNMTQ0	LMQRSNTL<0		

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?<2@/) & A + ( ' / ; 8 \* 1 & + ! "#\$%#&' + ' < - \* B : 3 & + A & C & ) < @ & A + D > + ( ) \* + , - . / 0 1 / 2 / 3 ) 4 5 / 6 + 0 ' / - 5 0 : \* +  
7 # ' # 8 E F : 3 & & G ' 1 : + 4 1 : C : ; E + = : 1 : \* 2 : + H : ; A 1 / + I ; / C & 3 ' / \* > + J < \* \* : > : 2 K





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! "#\$%&'()\*+,-./\*0&1 23456. +76&+(7'869':;<<

=535! >'@A\*1@1B15'C=\*D@5AD5'>A3'15DEAC?CFG'8CCH>AAB! '  
>AF>8>?@

K>K5! 'K>\*\* 0/672-1'5%'2&/(7+2#'67J'@7#&/\$. "7&6&+(7'574+7'''/74

LMQ<S  
> 0 3 5 F E

LMQ<T  
> 0 3 5 = F E

LMQ<M  
> 0 3 5 = F E

LMQ: ;  
> 0 3 5 = F E

LMQ: <  
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LMQ: P  
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LMQ: R  
0 3 5 = F E

LMQ: Q  
5 E

LMQP:  
> 0 3 5 = F E

LMQPR  
> 0 3 5 = F E

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LMOPT  
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LMQR:  
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LMQR:  
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?<2@/)&A+('/; 8+1&+! "#\$%#&' + '<-\*B:3&+A&C&)<@&A+D>+()\*+,-./01/2/3)45/6+0' /-50:\*+ 7#' #8EF:3&&G'1:+41:C: ; [+ = : 1:\*2:+H: ; A1/H ; /C&3'/'>+J<\*: :>: 2K



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\*585\*15! 'K> \*\*

TP: <<NT: S0	TP: <PNT; ; 0	TP: <MNM; 0	TP: <QNTTMO
TP: : ; NMST0	TP: : <NT<: 0	TP: : RNTM: 0	TP: : MNTR; 0
TP: PRNTMS0	TP: PQNTRT0	TP: R; NMQR0	TP: R<NTMS0
TP: RPNTL<0	TP: RSNMLR0	TP: RLNMLM0	TP: RMNMQ; 0
TP: RQNMST0	TP: S<NTS<0	TP: SRNM<<0	TP: STNTLL0
TP: SQNMR; 0	TP: L<NMST0	TP: L: NMRT0	TP: LPNM<R0
TP: LRNQML0	TP: LTNMR<0	TP: LMNMM0	TP: LQNM: M0
TP: T<NQ<P0	TP: T: NQR<0	TP: TPNM: S0	TP: TRNQ: L0
TP: TSNM; M0			

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H85>'5AF@A55! @AFI'DC??5F5'53>1E>?>'>?BV>

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TP:<:  
 0 D 3 5 F E  
TP:<R  
 3 = F E  
TP:<S  
 > 0 3 5 E  
TP:<L  
 0 3 E  
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 > 0 3 5 = E  
TP:::  
 > 0 3 5 = F E  
TP::P  
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TP::S  
 0 3 5 F E  
TP::L  
 D F E  
TP::I  
 3 F E  
TP::Q  
 E  
TP:P;  
 0 3 5 E  
TP:P<  
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 > 0 3 5 = F E  
TP:PP  
 0 5 = F E  
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?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*'+, -. /01/2/3)45/6+0' /-50: \*+ 7#' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+I ; /C&3' />+J <\*: :>: 2K



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

! "#\$%&'()\*+,-./\*0&1 23456. +7&+(7'869':;<<

H85>'5AF@A55! @AFI'DC??5F5'53>1E>?>'>?BV>

0/672-'5%'2&/(7+2#67J'@7#&/\$. "7&6&+(7'574+7''''/74

K>K5! 'K> \*\*

TP: PL

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TP: PM

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TP: R:

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TP: S:

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TP: S:

0 F E

TP: SP

0 D 3 5 F E

TP: SS

> D = E

TP: SL

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TP: SM

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TP: L:

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0/672-l'=\$&(. (J+%''574+7''''/+74

\*585\*15! 'G=\*\*

KK; ; <LM; N0  
KK; : NLM; P0  
KK; PRLMQ; 0  
KK; K: LMQ: 0

KK; <PLNQ<0  
KK; RKLMR: 0  
KK; PSLMSR0

KK; <KLNMR0  
KK; RMLNM: 0  
KK; PKLM; N0

KK; : SLNS: 0  
KK; SKLMRKO  
KK; K; LQ; N0

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7)6+. )33/. 0)\*0#\$\$-5:6-+:)6;

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7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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8=1>='?@AA5B5'@C'15?>D@A@BE'8=D=F=G=3E'D@! 1>'G=! H!

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KK;;N  
= ? 5 B >

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= ? 3 5 C B >

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KK;<;  
? 5 B >

KK;<<  
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KK;<;  
= ? 3 5 C B >

KK;<R  
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! "#\$%" &' " ( )#\*&+ (\*, -. /\*\$0&1 2\$\$" 0"%

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8=1>='?@AA5B5'@C'15?>D@A@BE'8=D=F=G=3E'D@! 1>'G=! H!

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KK;:R  
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KK;RP  
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?<2@/) &A+( '/; 8+\*1&+! "#\$%#&' + ' <-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K



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8=1>='?@AA5B5'@C'15?>D@A@BE'8=D=F=G=3E'D@! 1>'G=! H!

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KK; SN

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?<2@/) &A+('/; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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\*?8\*\*?>@@A'@C'5DBBT'U'15?>D@A@BE'F=! HFH11E

O/672-l'=\$&(. (J+%''574+7'''/+/74

\*585\*15! 'G=\*\*

N; P; NLM; ; 0	N; P<<LN; R0	N; P<KLKQK0	N; P<QLN; S0
N; P: : LNS; 0	N; P: SLNNR0	N; P: KLMR<0	N; P: MLNQMO
N; P: QLN: S0	N; PR; LNM: 0	N; PRSLNNO	N; PRMLM<N0
N; PRQLM<R0	N; PS; LNR<0	N; PS<LMKM0	N; PSSLM; N0
N; PSMLMN; 0	N; PSQLNPP0	N; PP; LMM: 0	N; PP<LQ; ; 0
N; PPPLMSQ0	N; PPMLNPS0		

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?<2@/) &A+(' /; 8+1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , -. /01/2/3)45/6+0' /-50: \*+ 7# ' #8EF: 3&&G' 1: +41: C: ; [+ = : 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K













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\*! 55'=>! >?>=>'8>=@>A>8'B=\*1B1C15'DE'\*FB5=F5'>=3'15FG=DAD@?'  
=D! 1G'H>! C!

O/672-I'B7#&/\$. "7&6&+(7'67J'F(7&/(%'574+7"/+74

\*585\*15! 'H>\* \* \*

KLLMNON<MP	KLLMQOMNRP	M; : N<OMRNP	M; : N: ON; MP
M; : NKON: LP	M; : NSOM: SP	M; : NMON; RP	M; : Q: OQMOP
M; : Q<OQMLP	M; : QLQ: ; P	M; : QROMS: P	M; : QKONNSP
M; : QSQQ: RP	M; : QMONR<P	M; : QNOSQKP	M; : QQQQ<<P
M; L; ; OMNSP	M; L; LOMRSP	M; L; KOM; LP	M; L; SOQ<LP
M; L; MOMLLP	M; L; NONSKP	M; L; QON: NP	M; L<; OML<P
M; L<LOMN: P	M; L<SOM; RP	M; L<MO<; ; NP	M; L<NONSQP
M; L<QOMR; P	M; L; ; ONSQP	M; L: KQQQ: P	M; L: SOQQQP
M; L: NOQLLP	M; LL; OM<LP	M; LL<OQLRP	M; LLLQONRP
M; LLKOMLLP	M; LLSOMLKP	M; LLMONSRP	M; LLNON; QP

%109:33;

00000000000000000000000000000000 (<=" 7)6+.)33/.0)\*0#-\$-5:6-+;)6;

!"#!#\$!""

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?<2@/) &A+(' /; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+ , - . / 0 1 / 2 / 3 ) 4 5 / 6 + 0' / - 5 0: \* + 7 #' # 8 E F: 3 & & G' 1: + 4 1: C: ; E + = : 1: \* 2: + H: ; A 1 / + I ; / C & 3' / \* > + J < \* \* : > : 2 K



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! "#\$%&'()\*+,-.\*. "#&'/'0'1'2-'3'4/'5,6. +7&+(7'869':;<<

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| \*! 55'=>! >?>=>'8>=@>A>8'B=\*1B1C15'DE'\*FB5=F5'>=3'15FG=DAD@?' |  
=D! 1G'H>! C!

H>H5! 'H>\*\* O/672-1'B7#&/\$. "7&6&+(7'67J'F(7&/(%574+7'''/74

KLLN;

F

M;:NL

> O F G

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> O F 3 5 @ G

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| "##!#\$!"" %&'()\*+, -./0\*1+ .&2&'&3+4+5&61+7&83&&+90: 2/; :\*/<; +=: >+\$! "" | \$

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| ?<2@/)&A+('/; 8+\*1&+! "#\$%#&' + '<-\*B: 3&+A&C&)<@&A+D>+()\*+\*, -. /01/2/3)45/6+0' /-50: \*+ |  
7# ' #8EF: 3&&G' 1: +41: C: ; [+ =: 1: \*2: +H: ; A1/H ; /C&3' />+J <\*: :>: 2K



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\*! 55'=>! >?>=>'8>=@>A>8'B=\*1B1C15'DE'\*FB5=F5'>=3'15FG=DAD@?'  
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M;L:Q

F 3 E G

M;LL:

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7# #8EF: 3&&G'1: +41: C: ; [+ = : 1: \*2: +H: ; A1/+ ; /C&3' />+J <\*: :>: 2K

