

"#\$%&'(#)'!*+!, -./0! 5%@2)!5%#!;<=! ;=BCDBE

		:\$\$#2!4'-2	·@! !	=T!
		R#0/'%&P&%	.! !	=E!
		&/#.! !	!	=>!
		X).#(64#.!	!	; D!
		R#0/'%A.! !	!	; F!
		,/0!0 #*&	@!4#[-#)0#!	; L!
	D	-		26
~	ο	-	:&'.!/)!,/0!!	; T!
0		01#!U%01#A*	&!*+!40/#)0#!"#3&##!/)!,/0!X2-0%'/*)!	; E
	М	Μ		DD!
	! !			
	!	!	!	

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

P%.#!Q#.'#&)!R#.#&9#!1)/9#&./'@ =<><<!X-0½!:9#)-# ₽₩9₩%)2`!V1/*!FF=<BCT=<L

> YI*)#!;=BCDBEC;F<< S%\!;=BCDBECBLLT I''\$JKK(-./OHO%.#H#2-

:-3-.'!;<=E! !

! !

! ! ! !

DEPA MEN OF M IC PE ONNEL

С

/D

OI#!P*&#`!%!, %O/)'*.I!0* (\$-'#&!OA%..&** (!%)2!%-2/*C9/.-%A!A%6!/)!'I#!6%.# (#)'!*+!5%@2)!5%AA`! /.!%!O*AA%6*&%'/9#!.\$%O#!+*&!%AA!PQR1!.'-2#)'.`!+%O-A'@`!%)2!.'%++`!%.!W#AA!%.!'I#!1)/9#&./'@!P/&OA#! O*♥ (-)/'@H!<u>I''\$JKK (-./♥♥/.#H#2-K+%O/A'/#.OW&-ee'®.I#₽</u>'I#CO*&#K!

!

F

O1#! Q%2#K "#)/.*)! R#1#%&.%A! S%0///@`! -.#2! \$&/ (%&/A@!+*&!#).# (6A#! #%&.%A.`!/.!A*0%'#2! %'! _-)/\$#&! "&/9#!%)2!XH!==L^{'!}4'&##'!8'1#!#%./#.'!%00#..!'*!'1#!.\$%0#!/.!'1&*-31!'1#!#)'&%)0#!'*! "#)/.*)!5%AA!*)!XH!==L''?H!Z)!%22/'/*)!'*!Q%2#!R#1#%&.%A!5%AA`!"#)/.*)!R#1#%&.%A!5%AA`!4\$%&'%)! R#1#%&.%A!5%AA`!%)2!"#)/.*)!PA%..&** (`!'1/.!+%0///'@!1*-.#.!#9#&%A!Q#)3#&!\$&%0'/0#!&**(.!&*)#! *+!W1/01!/.!%!f9/&'-%A!&#%A/'@g!%0*-.'/0!&**(?`!%!\$#&0-../*)!.'-2/*`!%)2!%!(-./0!A/6&%&@H!"#)/.*)! %A.*!1%.!.'*&%3#!A*07#&.!%9%/A%6A#!'*!.'-2#)'.!#)&*A##2!/)!#).# (6A#.H!4##!'1#!"/�'*&!*+!@*-&! #).#(6A#!*&!9/./'!'1#!"#\$%&'(#)'!*+!, -./0!*++/0#!85%@2)!;<=?!'*!%0[-/&#!\$#&(/../*)!+*&!7#@0%&2! %00#..H!!

!

Y&%O'/O#!+%O/\/'#.!%&#!+*&!%AH!.'-2#)'.!WI*!%&#!#)&*A#2!/)!"#\$%&'(#)'!*+!,-./0!#).#(6A#.`!%)2! (-./0!(%^*&.!W/A!6#!3/9#)!+/&.'!\$&/*&/'@H!OI#!f9/&'-%A!&#%A/'@g!\$&%O'/O#!&**(!/.!+*&!'I#!#\OA-./9#!-.#! *+!(-./0!(%^*&.H!4'-2#)'!3&*-\$.!*&!/)2/9/2-%A.!WI*!W%)'!'*!&#I#%&.#!(-.'!/.'#&!W/'I!'I#! "#\$%&'(#)'!*+!,-./0!*++/O#!8<u>(-./0G0%.#H#2-</u>?!%)2!%\$\$A@!/)!%29%)0#!+*&!\$#&(/../*)!'*!\$&%O'/O#!/)! %)@!*+!'I#!A%&3#&!&**(.!/)!"#)/.*)KQ%2#!WI#)!'I#!+%O/\/@!/.!)*'!*'I#&W/.#!6#/)3!-.#2H!4'-2#)'4(-)-9.2E481

'9/*"/7512:*15:*;715*,75<8*!55=16*>/472<16*,/?<316*#2<@/*80*)'#?!

- •! V6'%/)!%!0*\$@!*+!'I#!N#*)%&2!%)2!_*%)!R*)/.!:))-%A!, #(*&/%A!R#0/'%A!:\$\$A/0%'/*)!8*)!'I#! "#\$%&'(#)'!*+!, -./0!W#6./'#?H!
- •! P*).-^A! W/'I! @*-&! %\$\$#/#2! '#%01#&! %6*-'! %\$\$&*\$&/%'#! .'%)2%&2! &#\$#&'*/&#! 1##2/)3! 'I#! #.'%6#.1#2!\$#&+*&(%)0#!'/(#!3-/2##/)#.H!
- •! 4-6(/'!'|#!+*&(!6@!'|#!S&/2%@!6#+*&#!4\$&/)3!U&#%7!%)2!'|#)!./3)!-\$!+*&!%!R*)/.!,#(*&/%&! R#0/'%&!^-&@H!
- •! : \$\$&* \/ (%'#A@!*)#! (*)'1!6#+*&#!'1#!0* (\$#'/'/*)!@*-!W/AA!6#!3/9#)!%!^-&@!'/ (#!%)2!@*-!W/AA! .-6 (/'!@*-&!+/)%A!\$&*3&% (!/)+*& (%'/*)H!

!

'9/*)75?/237*)740/3<3<75*

4* (#!PQR1K1)/9#&./'@!P&0A#!V&01#.'&%!0*)0#&'.!+#%'-&#!%)!-)2#&3&%2-%'#!.'-2#)'!.*&*/.'! 01*.#)!'1&*-31!'1/.!0* (\$#'/'/*)`!W1/01!/.!*\$#)!'*!%A!PQR1!-)2#&3&%2-%'#.!W1*!%&#!+-A!'/(#! .'-2#)'.!%'!'1#!4*\$1* (*&#!%)2!_-)/*&!8*&!4#)/*&.!W1*!%&#!\$A%))/)3!%!L'¹ $\begin{array}{l} \mathsf{M}\#\#\$!/)! (/) 2!'1\%'!\%! \underline{(\%/(-(!^{++})=L!(/)-'\#.!^{++})\$\#\&+*\&(\%)0\#!'/(\#!/.!\%\&*''\#2!'^{+}\#\%01!.'-2\#)'!}{/)!'1\#!0^{*}(\$\#'!/')!\&\#0/'\%\&!\%)2!'1\#!\$\#0\#!.1^{*}-\&!)^{*}!6\#!(*\&\#!'1\%)!;L!(/)-'\#.!/)!\&\#3'1!+^{*}\&!'1\#! 0^{*}(\$\#'!/')!\$\#\&+*\&(\%)0\#H!Y\&\#\%.\#!(\%7\#!0-'.!^{*}\&!\&\&\%@!^{*})\&@!.\#\&\#0'\#2!.\#0'/^{*}). \ (*9\#(\#)'.!'^{*}!.'\%@!W''1/)!'1/.!'/(\#!^{*}\&(\#H!Q^{*}?!'1/.!^{*}-'!W''1!@^{*}-\&!\%\&!\%)2!\%00^{*}(\$\%)/.'H! \\ \end{array}$

'9/*)9126/8*&A*)6/4/58*#2<@/*

!

OI/.! %W%&2!/.! \$&#.#)'#2!'*! %! (-./0! (%^*&!+*&!'%)2! %00* (\$A/.I(#)'!/)! (-./0%A! \$#&+*&(%)0#H!:)!-\$\$#&COA%..!(-./0!.'-2#)'!(%@!6#!.#A#O'#2!+*&!'I/.!%W%&

F A

 $\begin{aligned} \mathsf{O}^{\#!} \mathsf{P}^{*} & \mathcal{E}^{/} & \mathcal{E}^{/}$

N : N#3%A@`!*-&!+%O-A'@!%)2!.'%+!%&#!-)%6&#!'*!2/.0-..!.'-2#)'.c!%O%2#(/0!*&!\$#&.*)%A!
/..-#.!W/'I!%)@*)#!*-'./2#!PQR1H!QI/A#!O#&'%/)!#\O#\$'/*).!O%)!6#!(%2#!/)!#(#&3#)O@!
./'-%'/*).`!W#!\$&#+#&!)*'!'*!2*!.*!-)2#&!%)@!0/&O-(.'%)O#.H!OI#!S%(/A@!X2-O%'/*)%A!R/31'.!
%)2!Y&/9%O@!:O'!80SXRY:O?`!%!+#2#&%A!A%W`!3*9#&).!'I#!&#A#%.#!*+!\$#&.*)%A@!/2#)'+%6A#!
/)+*&(%'/*)!%6*-'!%!.'-2#)'!O*)'%/)#2!/)!I/.KI#&!#2-0%'/*)%A!&#O*&2.H!Z)!3#)#&%A`!-)/9#&./'@!
\$#&.*))#A!(%@!)*'!2/.OA*.#!'*!'I&2!\$%&'/#.!/)+*&(%'/*)!%6*-'!%!.'-2#)'`!-A#..!'I%'!.'-2#)'!
I%.!3/9#)!\$&/*&!W&/''#)!O*).#)'H!OI/&2!\$%&'/#.!/)OA-2#J!\$%&#)'.`!.\$*-.#.`!A%W!#)+*&O#(#)'!*&!

00		Ο	0	
F	Α	I	80*)'H?!	
&@	!S*&(!		" *W)&*%2!+&* (!"#\$'H! Q#6./'#!	"%@!*+!&@!
Y#'/'/*)!+*&!&@!4-6.'/'-'/*)!			" *W)&*%2!+&* (!"#\$'H! Q#6./'#!	n * !&%'#&!'1%)!W##7!E!*+! .# (#.'#&!6#+*&#!&#[-/!^-&@!</td></tr><tr><td colspan=3>P%.#!P*)0#&'*!P*(\$#'/'/*)! R#[-#.'!S*&(!</td><td colspan=2>" *W)Å*%2!+&*(! " #\$'H! "#0#(6#&!T`!;<=E! Q#6./'#!</td></tr></tbody></table>

" #\$%&

Z)!*&2#&!'*!&#[-#.'!%)!%OO*(\$%)/.'`!+*M*W!'I#.#!\$&*O#2-&#.J!

FA*G<66*+=3* ! ??7 4 015<83*, /H=/83*G72 4 I8J**

0

80 *) 'H?!

! Y&%0'/0#!&** (.!(%@!)*'!6#!-.#2!%.!'#%01/)3!.'-2/*.`!#\0#\$'!%.!%\$\$&*9#2!6@!'1#!"#\$%&'(#)'! *+!, -./0H!Z+!@*-!)##2!'*!-.#!%!&** (!*00-\$/#2!6@!.*(#*)#!)*'!%-'1*&/]#2!'*!-.#!/``!\$##%.#!%.7!'1#! "#\$%&'(#)'!:../.'%)'!'*!%.7!'1#!\$#&.*)!'*!&#%9#H!P*)'%0'!P%(\$-.!4#0-&/'@!%'!;=BCDBECDDDD!/)! 0%.#!%)!%+'#&C1*-&.!#(#&3#)0@H!

!

Ρ

N :!4'-2#)'.c!\$#&.*)%A!6#A*)3/)3.`!/)0A-2/)3!/).'&-(#)'.!%)2!A%\$'*\$.`!%&#!)*'!0*9#!6@! P%.#!Q#.'#&)!R#.#&9#!1)/9#&./'@!/).-&%)0#!/)!0%.#!*+!'I#+'!*&!2%(%3#H!

0 0! 0 0

C P

9: !%9-"++*+%Y#&(/'.!+*&!%A!PZ, !0%..#.`!/)0A-2/)3!, -./0!OI#*&@`!X-&I@'I(/0.!P&..#.`!:-2/*! R#0*&2/)3!0A%..#.!'%-3I'!%'!PZ, `!m*0%A!R#\$H`!#'0H`!%&#!&###%.#2!6@!'I#!PZ, !R#3/.'&%&H!Y#&(/'.!+*&! 'I#.#!0A%..#.!(-.'!6#!&#[-#.'#2!'I&*-3I!4Z4k!\$&##%.#!)*'#!'I%'!*)0#!'I#!\$#&(/'!/.!3&%)'#2!@*-! I%9#!'*!A*3!*)!'*!4Z4!%3%/)!'*!#)&*A!/)!'I#!0A%..H%

; &&-(*/%<*++6#+8%:+'#&!(##'/)3!W/'!!@*-&!(-./0!+%O-A'@!%29/.*&!#%OI!.#(#.'#&!'*!2/.O-..!@*-&! .01#2-A#`!@*-!(-.'!'I#)!(##'!W/'I!'I#!PQR1!"#\$%&'(#)'!:../.'%)'!85%@2)!;<=?`!WI*!W/A! &#A#%.#!\$#&(/'.!+*&!:\$\$A/#2!N#..*).H!j*-!.I*-A2!I#%&!+&*(!'I#!:\$\$A/#2!N#..*)!/).'&-O'*&!6#+*&#! ! . +(,%@O*6'\$%@'"#+5*'%9'*/(7!

, -./0!01#*&@!04%..#.!%&#!'%-31'!'1&*-31!'1#!₽[↓]#9#[↓]%)2!²).'/'-'#!*+!, -./0!8PZ,?H!n*)C(%[∧]*&.!(%@!

O NDE G AD A E M IC EQ I EMEN

M M

 $\begin{array}{l} : & \text{M!} (- ./0! (\%^{*}\&.!W\#\&\#!\%00\#\$'\#2!\#/|`I\#\&!'*!'|`I\#!U:!\$\&^{*}3\&\% (!/)!, - ./0! *\&!'|`I\#!U4!\$\&^{*}3\&\% (!/)!, - ./0! \\ \times 2 - 0\%'/*) & \text{H!} : & \text{M!} (\%^{*}\&.!W\#\&\#!\%00\#\$'\#2!W/' 1!\%!2\#./3) \%'\#2!\$\&/ (\%\&@!/) .'\&- (\#)'H!Z)!*\&2\#\&!'*! (\%/)'\%/)! \\ & (- ./0! (\%^{*}\&! .'\%'-.`!.'-2\#)'.! (- .'!\$\%..!'I#/\&! \&\#[-/\&\#2!^{-}\&/#.!*)!'I#/\&! \$\&/ (\%\&@!/) .'\&- (\#)'!\%.! \\ * -'W/) \#2!6#\Bbbk*W \end{array}$

#2< 4 12E*(5832=4 / 53% /, 6#78J%

4'-2#)'.!WI*!01%)3#!\$&/(%&@!/).'&-(#)'.!W/'I*-'!'%7/)3!'I#!\$&*\$#&!.'#\$.!W/AA!)*'!6#!%6\#!'*! 0*-)'!A#..*).!'%7#)!*)!'I#!*&/3/)%A!/).'&-(#)'!'*W%&2!'I#/&!3&%2-%'/*)!&#[-/&#(#)'.!%)2!(%@! 6#!+*&0#2!'*!\$*.'\$*)#!3&%2-%'/*)H!

$Q/?75: 12E^{(5832)} = 4/53I8J^{*}$

I

) 915B<5B* ! 006</ : *(5832=?3728%

X9#&@!#++*&'!/.!(%2#!'*!(%'01!@*-!W/'1!%!!#%01#&!%\$\$&*\$&/%'#!'*!@*-&!A#9#A!*+!2#9#A*\$(#)'H!Z+`! 1*W#9#&`!%!./'-%'/*)!%&/.#.!/)!W1/01!%!.'-2#)'!+##A.!'1#!)##2!'*!01%)3#!%\$\$A/#2!/).'&-O'*&.`! '1#!.'-2#)'!(-.'!0*)'%0'!'1#!P**&2/)%'*&!*+!1)2#&3&%2-%'#!4'-2/#.!%.!.**)!%.!\$*../6A#`! W/'1/)!%!3/9#)!.#(#.'#&H!R#[-#.'.!(%2#!%+'#&!'1#!%22K2&*\$!\$#&/*2!+*&!%!3/9#)!'#&(!(%@! .-6.'%)'/%AM@!1/)2#&!'1#!.-00#..+-A!O*(\$A#'/*)!*+!%!01%)3#!/)!%\$\$A/#2!/).'&-O'*&H!4'-2#)'.!(-.'! \$&#.#)'!%!0*(\$#AW)3!&#%.*)!+*&!%!01%)3#H!V)0#!,-./0!"#\$%&'(#)'!%2(/)/.'&%'/9#!	/#W!*+! '1#!&#[-#.'!1%.!6##)!0*(\$A#'#2`!'1#!P**&2/)%'*&!W/AM!(%7#!#9#&@!#++*&``!*)!6#1%A+!*+!'1#! .'-2#)'`!'*!%00*((*2%'#!A#3/'/(%'#!&#[-#.'.!%)2!'*!W*&7!W/'1!'1#!PZ,!"#%)c.!*++/0#!'*!%../3)! %!)#W!%\$\$A/#2!/).'&-O'*&H!! **O O**

0

С

!

R#0/'%^A! P^A%..`! W1/01! (##'.!#9#[&]@! Q#2)#.2%[®]! +[&]* (!DJ; <CFJ=<!\$(!/)! 5%^A7)#..! P1%\$#^A!/.!%! &#[-/[&]#2!0* (\$*)#)'!*+!%^AA!\$[&] (%[®]®!%\$^A#2!^A#..*).!+*[&]! (-./0! (%^{*}[&].H!)

, /B<83213<75*

: AA!, -./O!, %^*&.!#)&*AH#2!/)!\$&/(%&@!%\$\$A/#2!A#..*).!1%9#!%!O*-&.#!O*(\$*)#)'!A%6#A#2!fR#O/'%A`g! WI/OI!&#+#&.!'*!R#O/'%A!PA%..H!4'-2#)'.!2*!)*'!)##2!'*!/.'#&!+*&!'I/.!OA%..k!/'!/.!%-'*(%'/O%AA@! %22#2!'*!@*-&!.OI#2-A#!WI#)!@*-!/.'#&!+*&!\$&/(%&@!%\$\$A/#2!A#..*).H!

! 33/5:15?/*,/H=<2/4/53*

: ''#)2%)0#!%'!%#! (##'/)3.!*+!R#0/'%#!P#%..!/.! (%)2%'*&@H!R#[-#.'.!+*&!#\0-.#2!%6.#)0#.! .I*-&2!6#!.-6(/''#2!'*%'I#!0**&2/)%'*&!*+!'I#!0#%..!8X&/0!PI%&)*+.7@?!/)!%29%)0#H!Y**&! %''#)2%)0#!*&!'%&2/)#..!W/#I6#!�*&2#2!%)2!0*((-)/0%'#2!'*!@*-&!%\$\$#/#2!/).'&-0'*&!%)2!'%7#)! /)'*!%00*-)'!/)!@*-&!%\$\$#/#2!(-./0!3&%2#H!

X\0#\$'/*).!'*!'I#!%''#)2%)0#!&#[-/&#(#)'!W/A!6#!(%2#!+*&!.'-2#)'.!WI*!%&#!.'-2#)'! '#%01/)3!*&!1%9#!%)*'I#&!0A%..!.01#2-A#2!%'!R#0/'%A!PA%..!/(#H!4'-2#)'.!W/'I!A#3/'(%'#!0A%..! 0*)+A/0'.`!%A'I*-31!#\0-.#2`!(-.'!.'/A!&*'56'3!/)!*)#!R#0/'%A!PA%..!2-&/)3!'I#!%0%2#(/0!@#%&H!Z+!)#0#..%&@`!'I#!R#0/'%A!PA%..!/).'&-0'*&!W/AA!%../.'!'I#!.'-2#)'!W/'I!&#[-#.'/)3!%)!#\0-.#!+&*(! *)#!0A%..!'*!+%0/A/'%'#!%!R#0/'%A!PA%..!\$#&+*&(%)0#H!4'-2#)'!'#%01#&.!W/AA!)*'!6#!&#[-/!'*! \$#&+*&(!'I#!.#(#.'#&!'I#@!.'-2#)'!'#%01!%)2!.I*-A2!%&&%)3#!'*!\$#&+*&(!'I#!.#(#.'#&!'I#@!%&#! *)!0%(\$-.!+-AC'/(#H!Z)!*&2#&!'*!6#!#\0-.#2!+&*(!'I#!R#0/'%A!PA%..!X\#(\$'/*)!+*&(!8%9%/A%6A#!*)!'I#!

"#\$%&'(#)'!W#6./'#?!%)2!'-&)!/'!/)!'*!

C * #/2L72 4 15?/*, /H=<2/4/53* =H!

;=2E*#/2L72 4 15?/*S=<:/6<5/8*

=H!_-&/#.!%&#!'*!6#!)*!(*&#!'1%)!=L!(/)-'#.!/)!2-&%'/*)H!4'-2#)'.!.1*-&2!6#!\$&#\$%!'*! \$#&+*&(!%6*-'!=<C=L!(/)-'#.!*+!'1#/&!(*.'!\$*\/.1#2!&#\$#&'*/&#!2#(*).'&%'/)3!6*'1!'#01)/0%&! %)2!(-./0%&!\$&*3&#..H!:)@!\$/#0#!01*.#)!+*&!!%!^-&@!'1%'!1%.!%!\$/%)*!%00*(\$%)/(#)'!(-.'!

;=2E*+=3?74/8*15:*S21:<5B*

- =H! V)0#!'I#!^-&@!/.!0* (\$\delta#'#2`!'I#!.'-2#)'!W/\delta#0#/9#!'I#!*&\3/)%\delta|=&@!4I##'.`!'I#!%29/.*&! %)2!%\$\$\delta#2!'#%0I#&!W/\delta!�#/9#!%!0*\$@`!%)2!%!0*\$@!W/\delta#6#!\$\delta%0#2!/)!@*-&!+*\2#&!/)!'I#! "#\$%\delta'(#)'!V++/0#!+*\delta#2#&!W/'I/)!FE!I*-&.!*+!'I#!^-&@H!
- ; H! OI#!^-&@!3&%2#!/.!%!+/)%A!O*(\$*)#)'!*+!'I#!*9#&%AA!3&%2#!+*&!@*-&!%\$\$\#2!.'-2@H!Z+!@*-! &#O#/9#!%)!V9#&%AA!Y#&+*&(%)O#!R%'/)3!*+!L!*&!6#''#&!8*-'!*+!=<?!@*-!W/AA!1%9#!\$%..#2!@*-&! ^-&@H!Z+!@*-!&#O#/9#!%)!V9#&%AA!Y#&+*&(%)O#!R%'/)3!6#A*W!L!@*-!W/AA!6#!&#[-/!'*!'%7#!%! R#(#2/%A!_-&@!'I#!)#\'!.#(#.'#&!%)2!@*-&!+/)%A!A#''#&!3&%2#!+*&!'I#!.#(#.'#&!*+!%\$\$\#2! .'-2@!W/AA!&#+A#O'!%!+%/A#2!^-&@H!

DH!

#2< 4 12E*&58/ 4 W6/8*

Ε

l

0

- =H! : M! (./0! (%^*&.!%&#!&#[-/!'*!/.'#&!+*&!%!.\$#0/+/0!) (6#&!*+!.# (#.'#&.!*+!Y&/ (%&@!
 X). # (6A#.!%.!\$#&!@* -&!2#3&##!&#[-/&# (#)'.H!U:!.'-2#)'.! (%@!#A#O'!'*!'%7#!'I#/&!
 #). # (6A#.!+*&!<+C'!<+L`!*&!=!0/'!I* -&.`!6-'!U4!.'-2#)'.!/)!, ./0!X2-0%'/*)! (.'!
 /.'#&!+*&!'I#/&!\$&/ (%&@!%) 2!.#O*)2%&@!#). # (6A#.!+*&!=!0/'!I* -&H!:) @!%22/'/*)%A!
 #). # (6A#.!0%) !6#!'%7#)!+*&!<!I*-&.!%+'#&!U4!/)!, ./0!X2-0%'/*)!.'-2#)'.!!%9#!.%'/.+/#2!
 'I#/&!>10/'CI* -&!&#[-/&# (#)'H!X\0#\$'/*).!'*!'I/.!\$*A/0@!W/AA!*)A@!6#!0*)./2#!6@!
 \$#'/'/*)!'*!'I#! "#\$%&' (#)'!*+!, ./0!+%0-A'@H!!
- ;H! Y&/ (%&@!X) .# (6&#!%../3) (#)'.!%&#!2#'#& (/)#2!6@!'1#!.'-2#)'c.!\$#&+*& (%)0#! (#2/- (! %)2!%&&&&[=-&#!%!@#%&&@!%-2/'/*)H!: -2/'/*).!%&#!-.-%&&@!1#A2!*)!'1#!+&.'!2%@!*+!0&%..#.!*&! 2-&/)3!'1#!+&.'!#%&.%A!#%O1!+%&H!:'!'1#!0*)0A-./*)!*+!'1/.!@#%&&@!%-2/'/*)`!.'-2#)'.!W/&&! 6#!%../3)#2!'*!%!.\$#0/+/0!#).# (6.?!'1%'!W*&7.!/)!0*)^-)0'/*)!W/'1!'1#&&!0-&&/0-A%&! +*0-.`!.01#2-&#`!%)2!\$#&+*& (%)0#!A#9#&H!U#0%-.#!4@ (\$1*)/0!Q/)2.!%)2!'1#!P%.#! 1)/9#&./'@!P&&O&#!4@ (\$1*)@!V&O1#.'&%!%&#!*+#!./(-A'%)#*-.A@`!W/)2!%)2!\$#&0-../*)! /).'&-(#)'%/.'.!0%)!6#!%../3)#2!'*!\$#&+*& (!W/'1!6*'1!3&*-\$.!/)!&*'%'/*)H!O1#!&*'%'/*)! 0%)!6#!6@!0*)0#&'!0@0A#!*&!6@!.#(#.'#&!%)2!W/A&!6#!\$*.'#2!.*!'1#&#!/.!)*!0*)+-./*)H!Z)! #/'1#&!0%.#`!'1#!.'-2#)'!(-.'!*++/0%A&A@!/.'#&!+*&!%AA!3&*-\$.!%../3)#2H!b/9#)!'1/.! .@.'#(`!'!'!.!%A.*!\$*../6&#!'1%'!.'-2#)'.!0*-&2!1%9#!2/++#&#)'!#).#(6&#!%../3)(#)'.!#%01! .#(#.'#&H!!
- DH! 4'-2#)'.!%&#!\/ (/'#2!'*!)*! (*&#!'1%)!'W*!Y&/ (%&@!X).# (6\#.!\$#&!.# (#.'#&\!!! 4@ (\$1*)/0!Q/)2.!%)2!V&01#.'&%!&*'%'/*)!*)\@!0*-)'.!%.!VnX!#).# (6\#!./)0#!'1#@! #%&.#!./ (-\%)#*-.\@\!X\0#\$'/*).!'*!'1/.!\$*\/0@! (%@!6#!0*)./2#!6@!\$#'/'/*)!'*!'1#! "#\$%&' (#)'!*+!, -./0!+%0-A'@\!, *.'!.'-2#)'.!W/\A!\$#&+*&(!/)!'1#!#).# (6\#!'1%'!/.!(*.'!
- O 2/�'&!0*))#0'#2!'*!'1#/&!\$#&+*&(%)0#!(#2/-(J!
 - :!M%'[###)!5*&9%'I!8<u>7%I;FG0%.###2-</u>?
 - •! P%.#K1)/9#&./'@!P/&0\#!V&0I#.'&%!8,1Xn!DEL?!
 - P: :!R@%)!401#&6#&!8<u>&@%)H.01#&6#&G0%.#H#2-</u>?!
- •! 4@(\$I*)/0!Q/)2.!8, 1Xn!DED?!!
 - :! , /01%#A!Y#'#&.!8 (\$#'#&.G0%.#H#2-?!
- **O O** •! P%.#!P*)0#&'!PI*/&!8, 1Xn!DE;?!
 - !X&/0!PI%&) *+.7@!8#\0=LG0%.#H#2-?!
- **O O**_{•!} M#@6*%&2!X).#(6k#!8, 1Xn!DE>?!
 - **G** :! " *)%2!U#''#&!82\6L<G0%.###2-?!
- **O O**.! b -/'%&!X).#(6##!'I&* -31!PZ, 8%!.#0'/*)!*+!, 1Xn!DLL?!
 - H P P J!_-\/#!:)2\/\#.7/!8

80*)'H?!

!

O !

!

Μ

! : \M!PQR1!(-./0!(%^*&.!W/\M!'%7#!'|#/\&!, -./0!O1#*&@!0*-&.#.!'|*-31!'|#!_*/)'!, -./0!Y&*3&%(! %'!PZ, H!1\$*)!(%'&/O-\%'/*)!#%O1!.'-2#)'!W/\A!'%7#!%!, -./0!O1#*&@!Y\%O#(#)'!X\%(!'1%'!'#.'.! .7/\A.!/)!'|#*&@!+-)2%(#)'%\.`!%)%\@./.`!\$%&'!W&/'/)3`!2/0'%'/*)!%)2!./31'C./)3/)3H!O1/.!#\%(!W/\A! 2#'#&(/)#!'|#

DEG EE- PECIFIC EQ I EMEN

 $: \mathbb{A}! (-./0! (\%^{*}\&.!\$-\&.-#!#/'|#\&!'|#!U\%0|#\mathbb{A}^{*}\&!*+!:\&'.!/)!, -./0!^{*}\&!'|#!U\%0|#\mathbb{A}^{*}\&!*+!40/#)0#!/)!, -./0! \\ \times 2-0\%'/*)\mathbb{H}! OI \#! \&\#[-/\&\#(\#)'.!+*\&! \#\%0!!2\#3\&\#\#! \&\&^{3}\&\%(!\%\&\#!\mathbb{A}.'#2!/)!'|\#!(-./0! \&*\&'/*)!*+!'|#! \\ b#) \#\&\%\mathbb{A}! U-\mathbb{A}\#'/)!\%'! <u>1''$JKK6-\mathbb{A}#'/)\mathbb{H}0\% .#\mathbb{H}#2-K0*\mathbb{A}\#3\#^{*}+\%\&'.\%)2.0/#)0\#.K(-./0Kt-)2\#\&3\&\%2-\%'\#'\mathbb{A}'\mathbb{H}! \\ OI \#@!\%\&\#!\%\mathbb{A}.*!\mathbb{A}.'!\mathbb{A}'.'#2!*)!'|\#!2\#'\%/\mathbb{A}\#2!\%29/./)3!+*\&(.!+*\&!\#\%0!!2\#3\&\#\#!*)!'|\#! #\%\&'(\#)'!*+!, -./0! \\ \mathbb{W}#6./'\#!\%'! 1''$JKK(-./0H0\%.\#\mathbb{H}#2-K\%29/./)3C+*\&(.C+*\&C(-./0C2\#3\&\#\#C\&^{*}3\&)(.K\mathbb{H}!4'-2\#)'.!.1*-\mathbb{A}! \\ \end{bmatrix}$ </u>

Q!S&Q*)108375/*L72*%!*Q3=:/538*<5*>=8<?%1,6#78J%

'"-&/)3!&#%2/)3!W##7!*+!'I#!.\$&/)3!.#(#.'#&`!%!\$-6\0!P%\$.'*)#!\$&#.#)'%'/*)!.#../*)!/.! .0I#2-\#2!+*&!,1:R!D><!.'-2#)'.!%)2!,15Z!D>L:CU!.'-2#)'.!WI*.#!\$&*\#0'.!/)9*\9#!%)!*&\\! \$&#.#)'%'/*)H!

4'-2#)'.!/)!'|#!(-./0!(%^*&!8U:!*&!.#0*)2%&@!(%^*&?!W|*!0*(\$\#'#!%)!%(6/'/*-.!%)2! *-'.'%)2/)3!, -./0!P%\$.'*)#!\$&*^#0'!8, 152!D>L:CU?!(%@!6#!#\/3/6\#!+*&!"#\$%&'(#)'%\!5*)*&.H! 4##!'|#!U:!, -./0!%29/./)3!.|##'.!+*&!%22/'/*)%\!2#'%/\.H

'/1?9/2*&:=?13<75*Q31LL*15:*G1?=63E*

'/1?9/2*&:=?13<75*><88<75*

 $\begin{aligned} \mathsf{O}^{\#!} (/../*)!^{*+!} & | \# \mathsf{P}^{\#} & | \# \mathsf{Q}^{\#} & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# & | \# &$

•! OI#!9%\-#.`!0* ((/' (#)'.`!%)2!\$#&.*)%\!#'I/0.!)#O#..%&@!'*!6#!%)!#++#O'/9#!#2-0%'*&!/)!'W#)'@C+/&.'! O#)'-&@!.OI**\.!*IL'6",7*(4**k*!

•!

!

	D P S	5:	I	L	
•! •! •!	$\begin{array}{c} \textbf{Y913Z^{*}} \\ \textbf{P} - (- \ensuremath{\mathbb{N}}\xspace{1.5mm}{} \ensure$	#27B214* +=3?74/8* !88/88/: =`!;`!D`!F`! L`!B`!T`!E`! >`!= </th <th>Y9/5Z :'!' #! 0* (\$\#'/*)!*+! %\#!2#3&##!%)2!
\$&*3&% (!
&#[-/&#(#)'.!
/)0\-2/)3!
%01/#9#(#)'!
*+!\$%/)3!
.0*&#.!*)!
4'%'#!
\%0#)&#!
#\%(.!</th><th>-</th><th>00#+-#@!0* (\$##'#2!W/#!
&##'!/)!&#0* ((#)2%'/*)!+*&!
V I/*!'#%01/)3!#0#).#`!6'!</th></tr></tbody></table></th>	Y9/5Z :'!' #! 0* (\$\#'/*)!*+! %\#!2#3&##!%)2! \$&*3&% (! &#[-/&#(#)'.! /)0\-2/)3! %01/#9#(#)'! *+!\$%/)3! .0*&#.!*)! 4'%'#! \%0#)&#! #\%(.!</th><th>-</th><th>00#+-#@!0* (\$##'#2!W/#! &##'!/)!�* ((#)2%'/*)!+*&! V I/*!'#%01/)3!#0#).#`!6'!</th></tr></tbody></table>		

u!nVOXJ!O1#!"/.\$*./'/*)!:..#..(#)'!Z)9#)'*&@!/.!%!\$&*0#..!0*(\$&#'#2!6@!6*'1!.'-2#)'.!%)2! +%0-&'@!'*!\$&*(*'#!3&#%'#&!-)2#&.'%)2/)3!*+!.'-2#)'!\$#&0#\$'/*)!%)2!\$&*3&#..!'1&*-31*-'!'1#! 2#3&##!&#'#)'/*)!\$&*0#..H!:22/'/*)%&!/)+*&(%'/*)!/.!%9%/&%6&#!/)!'1#!@*",0*"%X/.,"7(6#% Y"#/F66E8!

!

!::<3<7516*(5L72413<75[*#76<?</8*15:*#27?/:=2/8**

Z)!%22/'/*)!'*!'I#!&#[-/&#(#)'.!.\$#0/+/#2!/)!'I/.!2*0-(#)'`!, -./0!X2-0%'/*)!.'-2#)'.!%&#! &#.\$*)./6\#! +*&! %\\ O#%0I#&! N/O#).-&#! &#[-/&#(#)'.! %.! %&'/0-\\"#2! /)! 'I#! @ *", O*'% X/., "7(6#\Y"#/F66E'!%9%/\\6\#!+&*(!'I#!V++/O#!*+!O#%0I#&!X2-0%'/*)!W#6./'#J!! ! EQLIEMEN FO HE