

No. 04-108

---

---

IN THE  
Supreme Court of the United States

SUSETTE KELO, THELMA BRELESKY, PASQUALE CRISTOFARO,  
WILHELMINA AND CHARLES DERY, JAMES AND LAURA  
GURETSKY, PATAYA CONSTRUCTION LIMITED PARTNERSHIP,  
AND WILLIAM VON WINKLE,  
*Petitioners,*

v.

CITY OF NEW LONDON AND NEW LONDON  
DEVELOPMENT CORPORATION  
*Respondents,*

---

**On Writ of Certiorari to the  
Supreme Court of Connecticut**

---

***Brief Amici Curiae of Brooklyn United for Innovative  
Local Development (BUILD), Rev. Herbert Daughtry,  
and The New York City and Vicinity Carpenters Labor-  
Management Corporation in Support of Respondents***

SEAN H. DONAHUE  
1477 A St., NE  
Washington, D.C. 20002  
(202) 544-4037

DAVID T. GOLDBERG  
*Counsel of Record*  
99 Hudson Street, 8th Fl.  
New York, NY 10013  
(212) 334-8813

*Attorneys for Amici Curiae*

---

---

TABLE OF CONTENTS

TABLE OF AUTHORITIES ..... iii

Interest of *Amici Curiae* ..... 1

Summary of Argument ..... 4

ARGUMENT ..... 6

I. The Fifth Amendment, as Applied to the States  
through the Fourteenth, Does Not Disable  
State and Local Government From Taking  
Property for Economic Development Purposes,  
When Just Compensation Is Paid ..... 6

    A. Promoting Economic Activity For The Benefit  
    of Its Inhabitants Is A Legitimate Object  
    – and A Fundamental Responsibility – of State  
    and Local Government ..... 6

    B. Promoting Economic Development Is A  
    Historic Power of Government ..... 11

II. More Stringent Federal Review of Eminent  
Domain Is Neither Necessary Nor Appropriate ..... 17

    A. Working Class and Minority City Residents Would  
    Not Benefit From Constitutional Limits On  
    Economic Development For The Public Benefit . 17

    B. Principles Supporting Restrained Judicial Review  
    Apply To “Public Use” Claims ..... 21

    C. Restrained Review Is Supported  
    By the Text, Structure and Original Intent  
    of The Constitution ..... 25

D. Considerations of Federalism Strongly Support Adherence To Deferential Standards of Federal Constitutional Review .....	28
Conclusion .....	30

TABLE OF AUTHORITIES

Cases

<i>Alexander v. Sandoval</i> , 532 U.S. 275 (2001) .....	23
<i>Allydon Realty v. Holyoke</i> , 23 N.E.2d 665 (Mass. 1939) .....	16
<i>Aposporos v. Urban Redev. Comm'n</i> , 790 A.2d 1167 (Conn. 2002) .....	29
<i>Village of Arlington Heights v. Metropolitan Hous. Dev. Corp.</i> , 429 U.S. 252 (1977) .....	17
<i>Armstrong v. United States</i> , 364 U.S. 40 (1960) .....	26
<i>AvalonBay Communities, Inc. v. Town of Orange</i> , 775 A.2d 284 (Conn. 2001) .....	18
<i>Bacchus Imports, Ltd. v. Dias</i> , 468 U.S. 263 (1984) .....	8
<i>Baltimore &amp; O.R.R. v. Van Ness</i> , 2 F. Cas. 574 (C.C.D.C. 1835) (No. 830)) .....	27
<i>Berman v. Parker</i> , 348 U.S. 26 (1954) .....	<i>passim</i>
<i>Board of Regents v. Roth</i> , 408 U.S. 564 (1972) .....	29
<i>Brown v. Legal Found.</i> , 538 U.S. 216 (2003) .....	7, 26
<i>Calder v. Bull</i> , 3 U.S. (3 Dall.) 386 (1798) .....	27
<i>Chester Residents Concerned for Quality Living v. Seif</i> , 132 F.3d 925 (3d Cir. 1997), <i>vacated</i> , 524 U.S. 974 (1998) .....	23

-iv-

*Chicago, B. & Q. Ry. v. Chicago*

<i>Hawaii Housing Auth. v. Midkiff</i> , 467 U.S. 229 (1984) . . . . .	<i>passim</i>
<i>Head v. Amoskeag Mfg. Co.</i> , 113 U.S. 9 (1885) . . . . .	14
<i>Hodel v. Irving</i> , 481 U.S. 704, 712-13 (1987) . . . . .	16
<i>HUD v. Rucker</i> , 535 U.S. 125 (2002) . . . . .	24
<i>Town of Huntington v. Huntington Branch, NAACP</i> , 488 U.S. 15 (1988) (mem.) . . . . .	23
<i>Jacobs v. Clearview Water Supply Co.</i> , 69 A. 870 (Pa. 1908) . . . . .	14, 15
<i>Kennedy v. Mendoza-Martinez</i> , 372 U.S. 144 (1963) . . . . .	8
<i>Keystone Bituminous Coal Ass'n v. DeBenedictis</i> , 480 U.S. 470 (1987) . . . . .	16, 30
<i>Kimball Laundry Co. v. United States</i> , 338 U.S. 1 (1949) . . . . .	22
<i>Lochner v. New York</i> , 198 U.S. 45 (1905) . . . . .	7, 14
<i>Lucas v. South Carolina Coastal Council</i> , 505 U.S. 1003 (1992) . . . . .	16, 29
<i>Mitchell v. Harmony</i> , 54 U.S. 115 (1852) . . . . .	27
<i>Mt. Vernon-Woodberry Cotton Duck Co. v. Alabama Interstate Power Co.</i> , 240 U.S. 30 (1916) . . . . .	14
<i>Munn v. Illinois</i> , 94 U.S. 113 (1876) . . . . .	8

<i>National R.R. Passenger Corp. v. Boston &amp; Maine Corp.</i> , 503 U.S. 407 (1992) . . . . .	6, 15, 22
<i>Nebbia v. New York</i> , 291 U.S. 502 (1934) . . . . .	7, 9, 22
<i>New York Cent. R. Co. v. White</i> , 243 U.S. 188 (1917) . . . . .	8
<i>New York City Bd. of Estimate v. Morris</i> , 489 U.S. 688 (1989) . . . . .	21
<i>Nordlinger v. Hahn</i> , 505 U.S. 1 (1992) . . . . .	24
<i>Olmstead v. Camp</i> , 33 Conn. 532, 1866 WL 927 (Conn. 1866) . . . . .	13
<i>Pennhurst State School &amp; Hosp. v. Halderman</i> , 465 U.S. 89 (1984) . . . . .	29
<i>Pequonnock Yacht Club, Inc. v. City of Bridgeport</i> , 790 A.2d 1178 (Conn. 2002) . . . . .	29
<i>64th Street Residence, Inc. v. City of New York</i> , 4 N.Y.2d 268 (1958) . . . . .	10
<i>Southern Burlington County NAACP v. Mt. Laurel</i> , 336 A.2d 713 (N.J. 1975) . . . . .	17
<i>Strickley v. Highland Boy Mining Co.</i> , 200 U.S. 527 (1906) . . . . .	15
<i>Thompson v. HUD</i> , 2005 WL 27533 (D. Md. 2005) . . . . .	20
<i>U. S. ex rel. TVA v. Welch</i> , 327 U.S. 546 (1946) . . . . .	6, 11
<i>United States v. Caltex (Philippines), Inc.</i> , 344 U.S. 149 (1952) . . . . .	27

<i>United States v. Central Eureka Mining Co.</i> , 357 U.S. 155 (1958) .....	27
<i>United States v. Russell</i> , 80 U.S. 623 (1871) (mem.) ....	27
<i>United States v. Pewee Coal Co.</i> , 341 U.S. 114 (1951) ..	28
<i>Vanhorne's Lessee v. Dorrance</i> , 2 U.S. (2 Dall.) 304 (C.C.D. Pa. 1795) .....	27
<i>Washington v. Davis</i> , 426 U.S. 229 (1976) .....	23
<i>West Coast Hotel Co. v. Parrish</i> , 300 U.S. 379 (1937) ....	8
<i>Western &amp; S. Life Ins. Co. v. State Bd. of Equalization</i> , 451 U.S. 648 (1981)) .....	22
Other Authorities	
Bartik, WHO BENEFITS FROM STATE & LOCAL ECONOMIC DEVELOPMENT POLICIES? (1991) ...	11
Bowman, <i>The Visible Hand: Major Issues in City Economic Policy</i> (Nat'l. League of Cities Working Papers Nov. 1987) .....	8
Downs, <i>The Big Picture</i> , BROOKINGS REVIEW (Fall 1998) .....	10
Goldsmith, <i>et al.</i> , <i>The Impact of Labor Force History on Self-esteem and its Component Parts, Anxiety, Alienation and Depression</i> , 2 J. ECON. PSYCH. 17 (1996) .....	10

Harrington, <i>Public Use and the Original Understanding of the So-Called "Takings" Clause</i> , 53 HASTINGS L. J. 1245 (2002) . . . . .	12, 13, 14, 25
Hart, <i>Colonial Land Use Law and Its Significance for Modern Takings Doctrine</i> , 109 HARV. L. REV. 1252 (1996) . . . . .	12, 13, 17, 25
R. KAHLBERG, ALL TOGETHER NOW: CREATING MIDDLE-CLASS SCHOOLS THROUGH PUBLIC SCHOOL CHOICE (2002) . . . . .	19
Merrill, <i>The Economics of Public Use</i> , 72 CORNELL L. REV. 61 (1986) . . . . .	11, 16, 25
Rubinfeld, <i>Usings</i> , 102 YALE L. J. 1077 (1997) . . . . .	27
Rusk, C	

---

!"#\$%&'()\*+,-./:0123456789@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 [ \ ] ^ \_ ` 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 { | } ~ ¡ ¢ £ ¤ ¥ ¦ § ¨ © ª « ¬ ® ¯ ° ± ² ³ ´ µ ¶ · ¸ ¹ º » ¼ ½ ¾ ¿ À Á Â Ã Ä Å Æ Ç È É Ê Ë Ì Í Î Ï Ñ Ò Ó Ô Õ Ö × Ø Ù Ú Û Ü Ý Þ ß à á â ã ä å æ ç è é ê ë ì í î ï ð ñ ò ó ô õ ö ÷ ø ù ú û ü ý þ ÿ



e

Q1)"/,\$C)%0"83\*\*\*4,3' ="-' "(037-0)2"SE6EEE"/),7-' )' 0"- ' 2  
Sd6EEE"%\$' (0,&%03\$' "C\$4(6"%\$' 0,-%03' ="\$//\$,0&' 303)("\$,\$,"73' \$,30.<

b

)]0,)7)\*."7\$2)(0"7)-'(g"\$&,")]/),3)'%"8301"(373\*-,"/,\$C)%0(0)-%1)(01-0"01)()"/&,\$/\$(("%-'3' "+-0"4)"-%\$7/\*3(1)25

**&D>>9,0'-7'N,ED>514**

Q1)"^&)(03\$' "-0"01)"1)-,0"\$+"L)0303\$' ),(9%"1-\*\*)')="3(6"3' "\$' )  
( )' ( )6' -' ") ]0,)7)\*."23++3%&\*0"\$' )A""81)' "2\$01)"/&4\*3%4)' )+30(  
\$+"-"/,\$C)%0"01-0"83\*\*\*, )@30-3>)"-""-,=)"( )%03\$' "\$+"-23(0,)( )2  
%30.6"3' %, )-( )" 7/\*\$. 7)' 0"\$//,\$,0&' 30."+\$,"01)"%30.9(3' 1-430-' 0(6  
-' 2"/,\$@32)2" (\$,)\*." ' )2)2"-22303\$' -""0-]". )@)' &)"8-,,-' 0  
23(/\*-%3' =" /)\$/\*)" 81\$"\*3@)"3' "01)"-,-)'-2" 8\$&\*2"/, )+),"0\$  
, )7-3' h"" : &0"01)"1-,2" ^&)(03\$' ("013("%-() ",-3(("-,)"\$' )("\$+  
(\$%3-""-' 2" )%\$' \$73%" /\$\*3%.5" " B(" -" 7-00)," \$+"-%0%.) \*  
\$/&#(+#/' )\*, \*) 76"01)" ^&)(03\$' ("L)0303\$' ),(",-3( )1-@" "\$' )  
%\*)-,\*."%\$,, )%0"-' (8),A"01)"Z3+01" B7)' 27)' 09("P/&4\*3%" &()R  
\*-' =&-=" )(&//\*3)"("\$-\$-&01\$,30."+\$,"-")2),-""%\$&,0"0\$"\$@),0&,'  
U)(\$/2)' 0(9"V0-0)<-&01\$,3>)"2)0),73' -03\$' "01-0"01)" /&4\*3%  
4)' )+30("8-,,-' 0)2"&("\$+"01)" 73' )' 0"2\$7-3' "/\$8),5""U-01),6  
01)"O\$' (030&03\$' )" ' 030\*"("L)0303\$' ),("0\$01)"(-7), )7)2."-(01\$()  
81\$()"/,\$/),0."3(" -//,\$/,3-0)2"0\$4&3\*2"-,\$-2"\$,"=\$@), ' 7)' 0  
4&3\*23' =" \$,"2)@)\*\$/"-"P4\*3=10)2R"-,-)aA""X&(0"O\$7/)' (-03\$' 5

U-01),01-' "1-@"01)"%-() "2)%32)23' "-%\$2-' %)8301"()00\*)2  
, )%2)' 06"L)0303\$' ),("(-; "01)"O\$&,0"0\$' -' '\$&' %)"301),"\$+"08\$  
-\*0), ' -03@)"" )8",&\*)"("\$+"%\$' (030&03\$' -""-8A" Sa" -"P4,3=10"3' )R  
,&\*)"01-0"01)" 73' )' 0"2\$7-3' "/\$8)," \$)' , '%2%."4)"&()2"+\$, "-'  
)%\$' \$73%" 2)@)\*\$/7)' 0' /,\$C)%0" \*3; )" 013("\$' )" K" \$," ` [a" \$' )  
, \$@323' ="01-0"(&%1" ]),%3(("- 4&0" "\$\$01), (a"(1\$&\*2"4)"(&4C)%0  
0\$1)3=10)' )2C&23%3-""(%,&03' .6"81), )4."-' ."/,\$/),0."\$8' ), "' \$0  
7),)\*."-"1\$7)\$8' ),a"\$&\*2"\$40-3' "-' "3' C&' %03\$' "+,\$7"-")2),-'  
%\$&,0"3+"01)"%\$&,0"8),)" /, (&-2)2"01-0"01)"4)' )+30("01)" /,\$C)%0  
8-("3' 0)' 2)2"0\$"/,\$@32)"8), )3' (&+3%3)' 0\*. "P%),0-3' 5R""

: \$01"/,\$/\$(-\*(1\$&\*2"4)"4,7\*. ),)C)%0)25"Q1)"4,3,(03("37/\*.

d

%-0)=\$,3%-\*\*."8301\$&0"/\$8),"0\$"/&,(&)"\*-,=)"\$4C)%0("01-0"8),)  
%)' 0,-\*\*0\$"01)3,"(&,@3@-\*\*K"- ' 2"- "1\$7)\$8' )," 81\$"%\$&\*2"' \$0  
/,)@' 0"01)"=\$@,' 7)' 0'+,\$7"),)%03' ="-7&' 3%3/-\*\*/-,; 3' ="\*\$0  
%\$&\*2"(0\$/"-"/,\$C)%06"3' %\*&23' ="\$' )"4,\$-2\*."(&/,\$,0)2"4."1),  
' )3=14\$,(6"01-0"\$++),)2"@-(0"4)' )+30("+\$,"01)" /)\$/\*"\$+\$+01)"%30.5

V&%1",)(&\*0("73=10"4)"0\$\*),-0)2"3+01)"O\$' (030&03\$' "/-3' \*.  
\*3730)2" %\$' 2) 7' -03\$' " 0\$" 01)" %\$' (0,&%03\$' " \$+" =\$@),' 7)' 0  
4&3\*23' =("\$,"3+013("O\$&,0"1-2"-\*\*\$' ="13(0\$,."\$+("\$%"\$' (0,&3' ="30  
K" /),1-/(")@)' " 3+ 01),)" 8-(" \*\$' =" /,-%03%) "\$+" =\$@),' 7)' 0(  
%\$' +3' 3' ="01) 7()\*)@("0\$"(%)1"/&,(830(5"" : &0"01)"\$//\$(30)"3(0,&A  
+\$,"013("#-03\$' 9(")' 03,)" 13(0\$,."6"\*)=3(\*-0&,)("1-@)" -&01\$3,>)2  
/,3@-0)" %\$' 2) 7' -03\$' " 81)' ' 2\$3' =" (\$ 8-(" 0\$" 01)" /&4\*3%  
-2@-' 0=-)g"013("O\$&,0"1-(6"+\$,"' )-,\*."-("\*\*\$' =6"1)\*2"01-0"P/&4\*3%  
&()R"2\$)(" \$0"/,\$13430"-0-; 3' ="4."\$,"0,-' (+),"0\$"-"/,3@-0)"/-0.  
81),)01)"=\$@),' 7)' 0"1-(2)0),73' )2"01-0"2\$3' ="(\$%"\$' +),(" -  
/&4\*3%-2@-' 0=-)"K3' %-()("-,3(3' ="+\$,7"%3,%&7(0-' %) ("01-0"-),6  
3' ")@),."%\$' (030&03\$' -\*\*."7)-' 3' =+&\*\*),( /)%06"3' 23(03' =&3(1-4\*)  
+,\$7"013("\$' )5

Q13(" O\$&,0" (1\$&\*2" -\*(\$" ,)C)%0" 01)" 1)3=10)' 2" (%,&03' .  
/,,\$/(-\*\*-' 2"-21),)"0\$"01)",&\*)"01-0" ]),%3(" "\$+"01)" 73' )' 0  
2\$7-3' "/\$8),"-),)@3)8)2"&' 2),"01)"(-7)6"13=1\*." ,)(0,-3' )26  
(0-' 2-,2("-,") ]),%3(" "\$+"\$01),"=\$@),' 7)' 0-\*\*/\$8),(5"Q\$"01)  
)]0)' 0" 01) /,\$/\$(-\*\* 2)/)' 2("\$' " 01)" %\$&' 0),3' 0&303@)" K" -' 2  
%\$&' 0),+-%0&-\*\*K"' \$03\$' "01-0)"%\$' \$73%2)@)\*\$/7)' 0"/,\$C)%0(6  
01\$&=1"/&,(8)2"+\$," /&4\*3%" 4)' )+306" =)' ),-\*\*. "1-,7"/,\$\$,"-' 2  
8\$;,; 3' ="/)\$/\*)6"01-0"3(" ,)-(\$' "-\*\$' )"0\$",)C)%0"305" M\$,) \$@),6  
-\*01\$&=1"L)0303\$' ),("-' 2)" "#\$#%-0-\$=&)01)"/\$0)' 03-\*\*1-,7("-' 2  
2-' =),("01-0"37/,\$@32)' 0" ]),%3("\$+" 73' )' 0"2\$7-3' %- ' %-&()6  
01)",&\*)"01)."/,\$/\$()3(" \$0"-22,)(()2"0\$01\$()"/,\$4\*)7(6-' 2"01)  
2-' =),("01). "32)' 03+."-,)"&' 2-7)' 0-\*\*. "" \$"23++),)' 0+,\$7"01\$()  
/\$()2" &' 2)," \$01)," /\$8),(" 81\$()") ]),%3(" 3(")' 0,&(0)2" 0\$  
/\$\*303%-\*\*/,%) (5"

Z3' -\*\*. 6"-\*01\$&=1"L)0303\$' ),("/-%; -=)"01)3,"&\*)"-"7\$2)(0  
37/,\$@)7)' 06"30"3("' )301)," 7\$2)(0' '\$,"-' "37/,\$@)7)' 0"\$@),  
%&,)' 0\*\*-85""70"8\$&\*2"),^&3,)%\$&,0("0\$"2)%32)"-"7-00),("\$+\*-8

D

^&)(03\$' ("01-0"-,) "4\$01"0)%1' 3%-\*"-' 2"@-\*&)"\* -2)' "K"- ' 2"8\$&\*2  
)' 0,&(0"01-0" C\$4"0\$"+)2), -\*\*%\$&,0(6" 7-; 3' ="01) 7"01)" +\$, & 7" \$+  
%1\$3%) "+\$, "3' 23@32&-\* ("81\$"8- ' 0"0\$"(0\$/" /, \$C)%0("-' 2",)@), (3' =  
\*\$' = (0-' 23' =6"13=1\* . (-\* &0-, . "/, -%03%) "\$+,) (\$\* @3' ="P/&4\*3%"&()R  
^&)(03\$' ("3' "V0-0)"%\$&,0("\$' "V0-0)"\* -8"=, \$&' 2(5"

BUcGMi #Q

75 Q1)"Z3+01"B7)' 27)' 06-("B//\*3)2"0\$"01)"V0-0)("01, \$&=1"01)  
Z\$&,0))' 016"i \$)("#\$0"i 3(-4\*)"V0-0)"-' 2"H\$%-\*"c\$@), ' 7)' 0  
Z, \$7"Q-; 3' ="L, \$/), 0. "+\$, "i %\$' \$ 73%"i )@)\*\$/7)' 0"L&, /\$( ) (6  
J 1)' "X&(0"O\$ 7 /)' (-03\$' "?"("L-32"

" B5 L, \$7\$03' =" i %\$' \$ 73%" B%03@30. "Z\$, "Q1)": )' )+30" \$+?"0(  
?' 1-430-' 0("?"-"H)=303 7-0)"W4C)%0"K"- ' 2"-Z&' 2-7)' 0-\*  
U)/(\$' (343\*30. "K"\$+"V0-0)"-' 2"H\$%-\*"c\$@), ' 7)' 0"

S5""Q1)" +)2), -\*\*O\$' (030&03\$' "-' 2"()00\*)2"B7), 3%- ' "/\$\*303%-\*  
0, -2303\$' %\$' +), "\$' ")\*)%0)2"\$+3%3-\*(("-' 2"01)3, "2")\*)=-0)2"-=)' %3)(6  
, -01), "01-' '\$' "%\$&,0(6"01)" /\$8), "0\$"2)+3' )"81-0"/&4\*3%"-%03@303)(  
(, @)"01)" /&4\*3%"3' 0), (05"" 3%%, 45, 35, %6, . %5, 78!, 25, 9%\*\$: 6"e[Y  
G5V5"dbD6"ddS" G5V5"STbDa" P30"3("01)" +&' %03\$' "\$+"O\$' =, ) ("0\$  
2)%32)"81-0"0. /)"\$+"0-; 3' ="3("+\$, "- /&4\*3%"&()Ra5""

B%%\$ , 23' =\*. 6"013("O\$&,0"1-("' )@), "1)\*2"01-0"=\$@), ' 7)' 0(9  
)73' )' 0"2\$ 7-3' "/\$8), ("-, )""3 730)2"0\$"/- , 03%&\*-, "P%-0)=\$, 3)(R"\$+  
=\$@), ' 7)' 0-\*\*&' 2), 0-; 3' =(5""?' (0)-26"30"1-("3' 0), /, )0)2"01)"Z3+01  
B7)' 27)' 09(", )+, )' %)"0\$P/&4\*3%"&()R-(" '\$"\*)(("P4, \$-2"- ' 2  
3' %\*&(3@)R"01-' ""P01)" /&4\*3%"8)\*+-, )6R"- ' 2"1-(" 7/1-(3>)2"01-0  
01)" , )\*)@-' 0" %\$' (030&03\$' -\*\* 3' ^&3, . " 3(" P81)01), " j01)" ) 73' )' 0  
2\$ 7-3' k' /\$8), 3("4)3' =")], %3()2"+\$, "- /&4\*3%"/&, /\$( )5R"; %." )'  
25, <). =%. 6" eb\_ "G5V5" [D6" ee" STdba5" c\$@), ' 7)' 0(" -, )"+, ))"0\$  
(\*)%0"01)" 7)-' ("0\$"+&\*+3"" /&, /\$( )(" 83013' "01)3, " 4, \$-2' /\$\*3%)  
/\$8), (6"81)01), "4. "0-]-03\$' "-' 2"/&4\*3%("/)' 23' =6", )=&\* -03\$' 6"\$,  
)73' )' 0"2\$ 7-3' 6" &%%, >)(#/' )\*, ?5?5, <)&&%' @%, . A/. B5, 25; /&('/  
C, D)#' % , A/. B5" dEe" G5V5" bEY6" b[["` STT[a" P01)" /&4\*3%"&()  
, ^&3, )7)' 0" \$+"01)" Q-; 3' =( " O\*-&() 3(" %\$0), 73' \$&(" 8301" 01)  
, )=&\* -0\$, . " /\$8), Rag" E) 1)#, E/+&# '@, ! +(: 5, 25, D#0=#-6" bDY  
G5V5[["T6"[bE" ST\_ba6"- ' 2"81)01), "\$, "" \$0"-P/&4\*3%)" 2"j3(k! "!"

4)00), " (,)@2" 01,\$&=1" -' " -=)' %." \$+" /,3@-0)" )' 0),/,3() " 01-' 01,\$&=1"-2)/-,07)' 0"\$+="\$@), ' 7)' 06R"; %." ' )' 6"eb\_"G5V5"-0"ee< eb6"3("3; )83()"+\$, "\*)=3(\*-03@)"2)0), 73' -03\$' 5

L)0303\$' ), (9"B%. &%, &\*)" "\$+="\$@), ' 7)' 0-\*\*23(-43\*30. '3(,)2\$\*)' 0 \$+"P-"037)"81)' "01)"I &)"L,\$%) ("O\*-&()"8-("&()"2"4. "013("O\$&,0 0\$" (0,3; )"2\$8' " \*-8("813%1"8), )"01\$&=10"&' ,)-(\$' -4\*)6"01-0"3(6 &' 83() "\$, '3' %\$ 7/-034\*)"8301("\$ 7)"/-,03%&\*-, ")%\$' \$ 7 3%"\$, "(%3-\* /13\*\$(\$/1. 5R"F%. @+&/', 25,3=. +B)6"eY["G5V5"Y[D6"Y[T" STDeag"&%% G/\$: ' %, 25, >%1, H/. =6" ST\_ " G5V5" bd6" dY" `STEda" `^&)"03\$' /,)() ' 0)2"8-("81)01), "#)8"\\$, ; "(0-0&0)", )=&\*-03' ="8-=") ("-' 2 1\$&, (" \$+"4-; ), . "8\$; ; ), ("8-("P83013' "01)"/\$\*3%)" /\$8), "\$+"01) (0-0)Ra5"O13("O\$&,0"\$' ="-=\$"-4-' 2\$' )2"01)"/, -%03%" "\$+=", -23' = )]] ,%3() (" \$+" (0-0)"/\$\*3%)" /\$8), (" ---3' (0" 30(" \$8' " @3)8" \$+" 01) /, \$/), "%-0)=\$, 3) (" \$+"=\$@), ' 7)' 0-\*\*-03\$' 6"%\$' +3, 73' ="01-0"

30"3(" \$0"\$' \* . "01)", 3=106"4&0"01)"4\$&' 2"- ' 2"(\$\*) 7' "2&0. "\$+-(0-0)6"0\$"-2@-' %)"01)"(-+)0. 6"1-//3' )(("-' 2"/, \$(/), 30. "\$+"30( /)\$/\*)6"- ' 2"0\$"/, \$@32)" +\$, "30(=") ' ), -\*\*8)\*+-, )6"4. "-' . "-' 2 )@), . "-%0"\$+\*\*)=3(\*-03\$' 6"813%1"30"7-. "2)) 7"0\$"4)"%\$' 2&%03@) 0\$"30(") ' 2("!"!"!"j3' ", )\*-03\$' "0\$"30(k"3' 0), ' -"/\$\*3%)"!"!"!"01) -&01\$, 30. "\$+"01)"(0-0)"3("%"\$ 7/\*)0)6"&' ^&-\*3+3)26"- ' 2") ]%\*&(3@)

>%11#)25,>%1,H/. =6"[TS"G5V5"dE[6"d[e" STeba" %30-03\$' "\$ 7 300)2a5 ?' " \*3=10" \$+" 013(" -//, \$/, 3-0)\*. " 2)+, )' 03-\*\* 3' ^&3, . 6" 01) D#0=#-"O\$&,0"%\$&\*2"-%&&, -0)\*. "\$4(), @)"01-0"P81), )"01)"]], %3() \$+" 01)" ) 73' )' 0" 2\$ 7-3' " /\$8), " 3(" , -03\$' -\*\* . , )\*-0)2" 0\$" - %\$' %)3@-4\*)" /&4\*3%" /&, /\$( )6" j013(k" O\$&,0" 1-(" '%2%. " 1)"\*2" - %\$ 7/)' (-0)2"0-; 3' ="0\$"4)"/, \$(%, 34)2"4. "01)"L&4\*3%"G()"O\*-&()5R bDY"G5V5"-0"[bS" ) 7/1-(3("22)2a5

Q1)"\$4C)%0"\$+"01)" ) 73' )' 0"2\$ 7-3' ") ]], %3()("1), )"K"+\$(0), 3' = )%\$' \$ 73%" 2)@)\*\$/7)' 0"3' " -' " -, )-" \$+"01)"V0-0)" 7-, ,)2" 4. "- (0-=' -' 0)"%\$' \$ 7. "-' 2"&' 2), ) 7/\*\$. 7)' 0"K"3(6-("2\$>)' (" \$+"013( O\$&,09(/, %)2)' 0("%"\$' +3, 76)"' 03, )\*. \*\*)=3037-0)6, ; . /1', 25,G%@)\* F/+ ' OX"de\_"G5V5"[SD6"[eS" [EEea" ^&-03' ="P/&4\*3%"&()R"8301 , )^&3, ) 7)' 0"01-0"=\$@), ' 7)' 0"-03\$' "4)"P\*)=3037-0)Rag"&%%/, %5@% ; )\$\$. +&, K" B/. (&J, G(O5, 25, L#)&6"bD\_"G5V5"[De6"[YS" ST\_ba" P' \$

\$')"23(/&0)("01-0"-V0-0)"7-." )' -%0\*-8("/&,( &- ' 0"0\$"30("/\$\*3%)  
 /\$8),(" 01-0" 1-@)" 01)" /&,/\$() " -' 2" )++)%0" \$+" )' %\$&,-=3' =  
 2\$7)(03%"3' 2&(0, . Rag 9%&(,A/)&(,E/(%\*,A/5,25,<). . #&: J,eEE"G5V5  
 eYT6"eTe" STeYag">%1,H/. =,A%' (5,?5,A/5,25,9: #(%J,[be"G5V5"S\_\_6  
 [E[" STSYag"A: #)\$@/J,; 5,C,Q5?5,A/5,25,D\$R+#. %J,[ST"G5V5"dbT6  
 dDY<DT" STSSag" D+ ' ',25,K\*#'/#&6"Tb"G5V5"SSe6"S[b<[d" S\_YDa5

[5"i @)' "3+" (&4(0- ' 03@)" , )@3) 8"\$+\*" )=3037-0)" ' 2("\$+V0-0)  
 =\$@), ' 7)' 0"8),)"-&01\$,3>)26"1\$8)@),6"L)0303\$' ),(9",) 7-; , -4\*)  
 (&==)(03\$' " 01-0" -" =\$@), ' 7)' 09(" \*) =3037-0)" \$4t)%03@)(" 2\$" " \$0  
 )' %\$7/-(("/\$8), '0\$"/, \$7\$0)"%\$' \$73%-%03@30. 6"+\$, '01)"/&,/\$()  
 \$+" -223' =" C\$4(" 0\$" 01)" \*\$%-\*" )%\$' \$7. 6" 3' %,)-(3' =" , )@)' &)(  
 -@-3\*-4\*)"+\$, "7&' 3%3/-\*\*"(), @3%)(6"- ' 2", )@30-\*3>3' ="-2)%\*3' 3' ="\*3+  
 '\$0"4\*3=10)2a"&,4- ' "-,)-"8\$&\*2"4)"/\*-3' \*. "&' 0)' -4\*)5

? " -"@), . , )-\*\*"() ' ()6"01)"/, \$7\$03\$' "\$+)"%\$' \$73%-%03@30. "K  
 -' 2"/, )@)' 03\$' "\$+)"%\$' \$73%"2)=)' , -03\$' "K"3(" \$0"7), )' . "/' %,-

---

<sup>S</sup>H\$%-\*"=\$@), ' 7)' 0("P)]/)' 2"0, )7)' 2\$&(")' , =3)(" 7-3' 0-3' 3' =" -' 2  
 )' 1-' %3' =01)3, )%\$' \$73)(5R"B5": \$87-' 6'7: %,8#&#I \*%E)' OM,D)N/. K&&+%&#'  
 A#(0,P\$/' /" #\$, </#"\$0Y" #-0"5"H)-=&)"\$+O303)("J \$,; 3' ="L-/) , ("#\$@5"ST\_Ya5  
 W+"e[D" 7-. \$, (" (&, @). )26'\_DF"32)' 03+3)2)"%\$' \$73%"2)@)\*\$/7)' 0-"(\$' )" \$+  
 01)3, "0\$/"01, )"/, 3\$, 303)(6"- ' 2"eD5dF", -' ; )2"30"13=1)(05" 3%%#O5-0" \_5

T

J ?HW#6"J Ni #J Wum"l ?VBLli BUVA"QNi "J WUHI "WZ"QNi "#i J  
GU: B# LWWU" `STTDag" O?Q\` WZ" OBMI i # MGHQ?<\i BU  
Ui owni U\`LHB#6"Z?VOBH"\i BUv" [EES<[EEe" `#\$@5" [S6" [EESa  
`2)(%,343' = / \*3=10" \$+ " %30. " 01-0" \*\$ (0" / \$ / &\* -03\$' 6" C\$4 (6" - ' 2" 0-]  
4-()ag" B5" I \$8' (6" 7: %, ; #@, <#\$ (+. %6": UWWm?#cV" Ui n?i J "-0" SE  
`Z- \*\*" STT\_a5" Q13 (" (/) %0), " 3 (" (/) %3- \*\* . " ( ), 3\$ & (" 3' "\$\*2), "%303) (6  
(&%1" - (" #) 8" H\$' 2\$' 6" 813%1" - ,) " (7- \*\*" - ' 2" &' -4\*)" 0\$ " 0-]  
7) 0, \$ / \$ \*30- ' " 8) - \*015" " 3% %J, %5@B, I 5" UGVm6" O?Q?i v" J ?QNWGO  
VG: GU: v" `STTea5"

45" L) 0303\$' ), (" - ' 2" 01) 3, " ) " # \$ # + - 3, \* . " % - \*\*" - 00) ' 03\$' " 0\$ " 01)  
=) ' & 3' ) " 4 & , 2) ' ( " 4\$, ' ) " 4. " 3' 23@32 & - \* ( " 23 (/ \* - %) 2" 4. " ' ) 8  
2) @) \* \$ / 7) ' 06" 4 & 0 " 01) " 1 & 7 - ' " 0\$ \* \* \* \$ + ) % \$ ' \$ 73% " (0 - = ' - 03\$' " - ' 2  
& , 4 - ' 2) % \* 3' ) " 3 ( " " \$ \* \* ) ( " 8\$, 01. "\$ + = \$ @ , ' 7) ' 0 - \* \* % \$ ' % ) , ' 5 " 3% % /  
%5@5J, B5" n - ( - \* \$ 6" 3 / \* 2 # ' @ , A) " O % ' V & , A. # & # & M, D) = % / 2% . , / .  
7) = % / 2% . W6" ee" UGQci uv" H5" X5" S\_d6" STE" [EESa" PoO - 72) ' " \* ) - 2(  
01) " " - 03\$' " 3' " (0 - 03(03% (" 01 - 0" 7) - (& ,) " 01) " + - 3 \* & ,) " \$ + " \* 3) " + \$ ,  
%13 \* 2 ,) ' 69" 3' % \* & 23' = / \$ @ , 0. 6" 4 - 43) ( " 4\$, ' " 0\$ " - " 0) ) ' < - = ) , 6" - ' 2  
&' 7 - , , 3) 2" 7 \$ 01) , (Ra" ^ ^ & \$ 03' = " L5" m) , , 6" A) " O % ' , F / . \$ % & , # (&  
3 + I + . I & , / , ! & = J , 9 : ) ( # , ) , A # ( 0 , L # % & W6" # 7 2 1 \* 0 3 0 0 i [ " B S T 7 8 / 0 3 0 ) - 4 . 29 % \$ 3 ( 2 # ) - 0 . 0009 T c [ ( S \_ % . ) ( " :

---

[ I \$8' (") ] / \* - 3' (A  
O\$, ) < , - ) - / \$ @ , 0. "% \$ % ) ' 0 , - 03\$' (" % \$ ' 0 , 34 & 0) " 0\$ " - 2 @ , ( ) " ' ) 3 = 14\$, 1\$ \$ 2  
0 , - 30 (" 01 - 0" I / & ( 11" 7 - ' . " 4 & ( 3' ) ( ( ) (" - ' 2" 7322 \* ) < " - ' 2" & / / ) , " 3' % \$ 7)  
1\$ & ( ) 1\$ \* 2 (" \$ + - \*\* , - % ) (" < < " 7 - 3' \* . " 1\$ & ( ) 1\$ \* 2 (" 8301" % 13 \* 2 , ) ' " < < " \$ & 0 " \$ +  
% ) ' 0 , - \* % 303) (" 3' 0\$ " (& 4 & , 4 ( 5 " ! " ! " ! " B ) ) \* < - = = , - @ - 03' = " 2\$ 8' 8 - , 2 " + 3 ( % - \*  
( / 3 , - \* 8) - ; ) ' (" 01) " - 43 \* 30. "\$ + " % \$ , ) < , - ) - = \$ @ , ' 7) ' 0 (" 0\$ " / , \$ @ 32) " ^ & - \* 30.  
/ & 4 \* 3% ( ) , @ 3% ) (" - ' 2" , ) (& \* 0 (" 3' " = , \$ ( ( \* . " &' ) ^ & - \*\* ) ' @ 3, \$ ' 7) ' 0 (" - % , \$ ( ( " \$ & ,  
7) 0, \$ / \$ \* 30 - ' " - , ) - ( 5 " V & % 1 " 23 ( / - , 303) ( " 3' " " ) 3 = 14\$, 1\$ \$ 2 ( " 3' " 813% 1 % 13 \* 2 , ) '  
- , ) " - 3 ( ) 2" 7 - ; ) " - " 7\$ % ; ) , . " \$ + " 01) " B 7) , 3% - ' 32) - \* \* \$ + ) ^ & - \* 30. " \$ +  
\$ / / \$ , 0 & ' 30. 5

SE

" " B(" 01)" 0,3-"" %\$&,0" 3' " 013(" %-()) /\$3' 0)2" \$&06" -\*01\$&=1  
U)/(\$' 2)' 0("-//)-,"0\$4)"P-4(0,-%0)"' 0303)(6R"

Q1)/)\$/\*)4)13' 2'01()"-4(0,-%03\$' ("1-@)"-2,)-7"-\*(5\$Q1)  
-%%\$ 7/\*3(17)' 0"\$+01)3,"2,)-7"/,)()' 0(" "\$//,\$,0&' 30. "\$+  
/),(\$' -""=-3' "\$,+@,\$,5"Q1)3,"2,)-7"3("+\$,"01)3,"%30. "4&++)0)2  
+,\$, 2)%-2)(" 4. " 1-,2" 037)(" -' 2" &' 03"" ,)%)' 0\*. " 2)%\*3' 3' =  
/,,\$(/)%0(5" Q1). " 1\$/" 4. " 013(" 2)@)\*\$/7)' 0" /,\$C)%0" -' 2  
,)(3(0-' %)"0\$01)"/\*-3' 03++(p""303=-03\$' 0\$"/,\$@32)"-' "%)\$' \$ 73%  
-' 2' (\$%3-"" &/\*3+0" +\$, "01)3,"%30. <<C\$4("01-0" 83"" /,\$@32)"01)  
&' 2,) )7/\*\$. )2"\$, "&' )7/\*\$. )2" )8"1\$/)6" )8"0-]7\$3' 3)(  
(\$"01)"0-]4&,2)' "\$' "01)"%\$ 77&' 30. "%-' "4)"\*3+0)2"- ' 2" )8  
/,,\$=,-7(" -' 2"/,\$C)%0("+\$,"01)"%30. "01-0""-' "4"),)-\*3>)25

S%\*/25,>%1,G/' 0/' 6"[EE["J H"dEE[e\_6!"b" V&/),5"O05"[EE[a5

Q1)3,"P4\$&' 2)' -' 2"(\$\*) 7' "2&0. "! "!" 0\$"-2@-' %)01)"(-+)0. 6  
1-//3' )((- ' 2"/,\$(/),30. "\$+30(/)\$/\*)6R">%//#)6"[TS"G5V5"-0"d[e6  
)^&3,)(("V0-0)" -' 2"\*\$%-""=\$@), ' 7)' 0("0\$"%\$' +,\$' 0"01)"P(\$%3-  
%\$(0(R"01-0"&,4-' ")%\$' \$ 73%"23(0,)(("37/\$( )5"

e5"i %\$' \$ 73%"2)@)\*\$/7)' 0"++)\$,0("K3' %\*&23' ="/,\$C)%0("\$+01)  
;3' 2"-0"3((&)"3' "013("%-())"K"());:"0\$",)/(\$' 2"0\$"- ' 2"/, )@)' 0"01)()  
2)(0,&%03@)"2. ' -73%(6"4. "4,\$-2)' 3' ="-' 2"23@), (3+. 3' ="01)"\*"\$%-  
0-]4-()6"%,-)03' =" )7/\*\$. 7)' 0"\$//,\$,0&' 303)(6" -' 2" ,)@30- \*3>3' =  
2)%\*3' 3' ="-,)-("- ' 2" )3=14\$,1\$\$2(5""B\*01\$&=1"" \$0")@),. "/,\$C)%0  
83""(&%%)26" &%%,D#0=#-4"bDY"G5V5"-0"[b[" P81)01), "3' "+-%0"01)  
/,,\$@3(3\$' " 83""-%%\$ 7/\*3(1"30("\$4C)%03@)("3(" "\$0"01)"^&)(03\$' Ra6  
)' "#\$#%-' "-00)(0"01-0"01)"4)' )+30("%-' "4"),)-""-' 2"(&4(0-' 03- \*5"

b5"Q1)"(3>)"\$+(&%1"/,\$C)%0("- ' 2"01)" ,)-\*303)(" \$+&,4-' ""-' 2  
\$8' ),(13/" \$+0)' " 7-;)" 01)7" 37/,-%03%-4\*)" 0\$" -%%\$ 7/\*3(1  
8301\$&0,)(,\$,0"0\$") 73' )' 0"2\$ 7-3' "/\$8),5"Q1&(6"01)" ,)@30- \*3>-03\$'  
\$+ Q37)(" V^&-,)6" 01)" 4&3\*23' =" \$+ H3' %\$\*' " O)' 0),6" 01)  
%\$' (0,&%03\$' "\$+J \$, \*2"Q,-2)"O)' 0),"K(. 74\$\*("\$+"#)8"\\$, ;  
O30. 9(" ,)(&,=")' %)" -' 2" )' =3' )("\$+ -' " )%\$' \$ 7. " 01-0" 4)' )+30  
73\*\*3\$' ("K"%\$&\*2" "\$0"1-@)"4))' "-%%\$ 7/\*3(1)2"8301\$&0" 73' )' 0

---

<sup>en</sup> PQ1)" %\$' (^&)' %)(" \$+" 13=1" ' )3=14\$,1\$\$2" (\$4\*)((')(( " -,) " 7\$,) 2)@-(0-03' =01-' "01\$() "\$+"13=1"" )3=14\$,1\$\$2"/\$@),0. 5"! "!"M-' . "\$+0\$2- . p( /,\$4\*) 7("3' "01)"3' ' ),<%30. "=1)00\$"" )3=14\$,1\$\$2("<<"%,37)6"+- 73". "23(\$\*03\$' 6 8)\*+-,)6""\$8")@)\*("\$+(\$%3-""\$,-' 3>-03\$' 6"- ' 2'("\$'\$' "<<-',)"&' 2-7)' 0-"" . "- %\$' (^&)' %)"\$+"01)"23(-//)-,-' %)"\$+" 8\$,;5R" J 5X5" J ?HVW#6" J Ni # " J WUm I ?VBLli BUv"-0"]335

<sup>bn</sup>? " Z \ [EEe6" fSE5b" 43\*\*3\$' "\$+#)8" \ \$,; " O30. 9("4&2=)0" \$+" -4\$&0" fbd 43\*\*3\$' " 8-(" 2)23%-0)2" 0\$" (\$%3-"" () ,@3%)(g" %13\*2,) ' 9(" () ,@3%)(g" 1\$ 7)\*)(( () ,@3%)(g" /,\$=-, -7 (" +,\$, "01)" --3' =6" -' 2". \$&01" -' 2"%\$ 7 7 &' 30. "2)@)\*\$/7)' 05

S[

\*)(("2&%-0)26"- ' 2". \$&' =), "8\$, ; ), ("01)"7\$(06"01), )4. ", )2&%3' =  
3' %\$7)"3' )^&-\*30. a5  
: 5 L, \$7\$03' ="i %\$' \$73%"I )@)\*\$/7)' 0?("B"N3(0\$, 3%"L\$8),  
\$+"C\$@), ' 7)' 0

Se

\*-' 2\$8' ),(5"H)=3(\*-0&,)( "\$+0)' "-00) 7/0)2"0\$ "3' +&)' %) '\$,  
%\$' 0,\$\*01)"2)@)\*\$/7)' 0"\$+\*-' 2"+\$," /-,03%&\*-',"/,\$2&%03@)  
/&,\$/() ("01\$&=10"0\$ "4)"3' "01)" /&4\*3%=" \$25" "H)=3(\*-0&,)(  
%\$7/)\*\*)2"\$8' ),("\$+&' 2)@)\*\$/)2\*\*-' 2"0\$2)@)\*\$/306"4). '\$ 2  
81-0" 8-(" ,)^&3,)2" 4. "01)"\$,3=3' -\*\*=-, -' 0(6"-' 2"%\$7/)\*\*2  
\$8' ),("\$+ " 8)0\*-' 2(" 0\$ " /-,03%3/-0)" 3' " 2,-3' -=)" /,\$C)%0(5  
W8' ),("3(; )2"\$ (3' ="/,)) ]3(03' ="73' ),-\*\*,3=10(3+01). "+-3\*)2  
0\$"%\$' 2&%0"01)3,"73' 3' ="8301("&+3%3)' 0"/,\$7/0' )((5"W8' ),(  
\$+\*-' 2" (&30-4\*)"+\$,"3,\$' "+\$,) (" ,3(; )2"\*\$(3' ="01)3,"\*-' 2"3+  
01). "2)%\*3' )2"0\$),)%0("&%1"+\$,) ("01) 7 ( ) \*@) (5"?" "0\$8' ("-' 2  
%303) (6"-' 2\$8' ), ("8,) "%\$' (0,-3' )2"4. "7)-( &,) ("3' 0)' 2)2"0\$  
%1-' ' )\*\*01)"(/-03-\*\*-/-00),' "\$+2)@)\*\$/7)' 06"0\$ "\$/0373>)"01)  
2)' (30. "\$+ " 1-430-03\$' 6"0\$ "/,\$7\$0)"2)@)\*\$/7)' 0"\$+%" ,0-3'  
; 3' 2("\$+\*-' 26"-' 2"0\$ "37/\*) 7)' 0"-) (01)03%=" \$-\*(5

N-,06"A\*/' #)\*,G)' 0,4&&G) 1,) ' 0,K(&3#@' #-\$)' \$%,-/,D/0%.'  
7)=#' @&,L/\$(. #' %"SET"NBUn5"H5"Ui n5"S[d[6"S[\_[<\_e"STTDa5

: )+\$,)01)"U)@\$\*03\$' 6" &7),\$&("B7),3%- ' %\$\*\$' 3) (")' -%0)2  
7)-( &,) (^&3,3' =01-0"@-%-' 0\$,"(/-, ()\*."2)@)\*\$/)2"&,4-' \*\*-' 2  
4)"2)@)\*\$/)26"-' 2"/,\$@323' ="+\$,"01)" 7-' 2-0\$,. "0,-' (+), "\$+01)  
\*-' 2"0\$ " -" 7\$,) "/,\$2&%03@)" /,3@-0)" \$8' ),"3+"30" 8-(" '\$05" 3%%  
#0\$ `%303' =" -' 2" 23(%&((3' =" (0-0&0)(a5" " Q1)() '\*-8(" 8),)  
%\$7/\*)7)' 0)2"4. "\$01),("01-0"/, 7300)2"-//,\$/ ,3-03\$' "\$+",&,-  
\*-' 2"0\$ "-2@-' %)01)"-=,3%&\*0&,-\*\*-' 2"\*-0),"3' 2&(0,3-a)"%\$' \$7.5  
Z\$,) ]-7/\*)6"-SYbD"O\$' ' )%03%&0"(0-0&0)"-&01\$,3>)2"\$8' ),("\$+  
Po\*-' 2("\*. 3' ="%\$' @)' 3)' 0"0\$ "4)"37/,\$@)2-("-%\$77\$' "+3)\*2R0\$  
%\$7/)\*\*/-,03%3/-03\$' "4. "&' 83\*\*3' =" )3=14\$, (6"#0\$-0"S[Dd"r "" 5\_[6  
-' 2"PO\$' ' )%03%&0p(""%\$//),<73' )\*\*)=3(\*-03\$' "!"!"!"-&01\$,3>)2"01)  
0-; 3' ="\$+/,3@-0)"/,\$/),0. "01-0"8-("-\*),-2. "2)@\$0)2"0\$01)"2)(3,)2  
&("K"73' 3' ="K"4&0"8-(" "\$0"4)3' ="&03\*3>)2-(")]/ )2303\$&(\*. "-(01)  
B() 74\*. "2)(3,)25R"K0\$-0"S[Dd5"

H-8("/,\$@323' ="+\$,"01)"%\$7/&\*(,\$. "0,-' (+), "\$+/", \$/),0. "0\$  
/,3@-0)"/-,03)("\$+,\$,\*\*)=3(\*-03@)\*."2)0), 73' )2"/&4\*3%."4)' )+3%3-  
&(" ,) 7-3' )2" %\$77\$' " -+0)," 3' 2)/)' 2)' %5" Q1)" ,)@-' 0  
\*)=3(\*-03@)+3' 23' =3' "013(%-())%1\$) ("01)",-03\$' -\*)"-,03%&\*0)2"3'  
01)+3, (0%-())2)%32)2"&' 2), "01)"P/&4\*3%&()R%\*-&() "\$+01)"V0-0)9(

Sb

O\$' (03219. 2(&2)@1\$0. 0[(8. 0[\*5R")108(")19. 2(&2). P&4\*3%"" \$\$' 0

---

<sup>d</sup>S\_DD"J H" T[Y6! T5"Q1)" Z\*\* &(%)O%\$&,0"+&,01),,)-(\$')2"01-0"P(&%1"-  
\*3730-03\$' "!"!"\$+"013("37/\$,0-' 0"%\*-&() "8\$&\*2"4)"' 03,)\*. "23++),)' 0"+,\$ 7"30(  
-%%)/0)2"3' 0),/,)0-03\$' 6"- ' 2"8\$&\*2"/,\$@)-("&' +\$,0&' -0)-(" \$@)\*5R""i ' 2\$, (3' =  
-" 23%03\$' -, ." 2)+3' 303\$' " \$+" P&()6R" 01)" %\$&,0"%\$' 03' &)26" PoL&4\*3% &()9" 7-  
01),)+\$,)" 8)"\*\* 7)-' " /&4\*3% &()+&\*')((6" &03\*30. " \$," -2@-' 0=-)6" \$," 81-0" 3(  
/, \$2&%03@)"\$+)=)' ,-\*"4)' )+306R"- ""\$' (0, &%03\$' "01-0"1-2"P&' 3+\$, 7\*." 4))' "/&0  
&/ \$' "01)"\*- '=&-=")4. "%\$&,0(6\*\*)=3(\*-0&,) ("-' 2"\*)=-\*"-&01\$, 303) (5R"" KO5

Sd

---

D"?' "A\*). =,25,>)&:6"ST\_"G5V5"eDS" STEda6"013("O\$&,0",)C)%0)2"01)"%\* -37

SD

2\$7-3' 01,\$&=1"=,) -0"(0,)0%1)("\$+0),,30\$, .6"81),)01),)7-. "\$0  
,)(32)"-(3' =\*)"3' 23@32&-\*-0"01)"037)"0\$" ' C\$. "01)"/&4\*3%&()g"4&0  
30"1-( "' )@), "4))' "1)\*2"01-0"\$' "013("-%%\$&' 0"01)"&()8-( "' \$0"-  
/&4\*3%"\$')5Ra5"

L)0303\$'),(9"(0,-3')2"23(03' %03\$' ("\$+"; %." ) "'-' 2"D#0=#-+-,)'  
' \$"4)00),5"Q\$4)"(&,)6"Po01)"-' -\$=. "4)08))' "-(" &7"- ' 2"- /&4\*3%  
' &3(-' %)"%-' ' \$0"4)" \$@),\*\$;\$;)269R" L)05": ,5" [b" ' 5["`^&\$03' =  
! \*\*00/' ,?%)\*(0,25,E/\*0/=%%"[e"#5i 5[2"DDd6"DD\_" M-((5"STeTaa"K  
-' 2"013("O\$&,0"1-(" ,)%\$=' 3>)2"01-0"P' &3(-' %)<3; )"-%03@30. R"1-(  
-"P(/)%3-"" (0-0&(R"3' "0-; 3' =("\*-86" S%0&(/' %; ;#(+'' #' /+&A/) \*  
! &&V' ,25,L%; %' %0#\$(#&),b\_E"G5V5"bYE6"bTS"" 5[E`ST\_Ya5"": &0"30(  
P(/)%3-\*R", \$\*)"3(" /"0\$ "2) 7-,%-0)"01)"\$&0), "4\$&' 2"\$+P/&4\*3%  
&()5R" " W" " 01)" %\$' 0,-, .6" ' &3(-' %)" -4-0)7)' 0" ,/ ,)() ' 0(" 01)  
/,-,-23=7"=\$@), ' 7)' 0" /& ,/\$() " 01-0" C&(03+3)(" ) / , \$ / , 3-03\$' "\$+  
/ , 3@-0) " / , \$ / , 0. " 1#(: /+(, \$/' " B%' &)(#/' 5" 3%, G+\$)&, 25, 3/+(:

SY

/&,/\$()"\$+"13=1"\$,2),Ra5""?0"8\$&\*2"4)"-'")]0,-\$,23' -,.'-' 2"3\*\*<  
-2@3()2",&\*)"\$+%"\$' (030&03\$' -\*\*"-8"01-0"7-2)"/\$8),"\$0\$"/&,(&)"-  
/\$\*3%."2)/' 2"\$' "%1-,-%0),3>3' ="01)"\$4C)%0"-("%\$ 74-03' ="01)  
P)@3\*R"\$+"3(%-\*"23(0,)(("\$,"&' ) 7/\*\$. 7)' 06"\$,"P\$\*3=\$/\$\*. Ra"K"\$,  
()%&,3' ="01)"P4)' )+30R"\$+" ,)@30-\*3>3' =" -"%30.6" 3' %,) -(3' ="0-]  
,)@' &)' 6"\$, 23(0,34&03' ="\*- ' 2"7\$,,)"^&30-4\*. 5" A-5, G+\$) &#dEe  
G5V5"-0"SE[b" P01)"23(03' %03\$' "4)08))' "o1-, 7</,)@)' 03' =9"- ' 2  
o4)' )+30<%\$' +),,3' =9" ,)=&\* -03\$' " 3(" \$+0)' " 3' " 01)" .) "\$+" 01)  
4)1\$\*2),Rag"N-,06"SET"NBUn5"H5"Ui n"-0"S[dT" (\$7)"-++3, 7-03@  
&(" ,)^&3,) 7)' 0(" 8),) "%\$&%1)2"3' "0), 7(" \$+" 01)" "%\$ 77&' 30.  
4)' )+30"\$+" -%03@)" &()' 6" 813\*)" \$01), ("32)' 03+3)2"01)" P1-, 7R"\$+  
P+-3\*&,"0\$2)@)\*\$/Ra5"  
: &0" 81)01), "\$, " '\$0" -' . "/\*-&(34\*)" 23(03' %03\$' " "%\$&\*2" 4)  
)]0,-%0)26"; %." )' "'-' 2"D#0=#-"

&,4-' ,') 8-\*/ , \$C) %0(6'&%%, #' -.) ""K"\$, ""73' 373>3' =01)"1-, 2(13/01-0"23(/\*-%) 7)' 0%- ' %-&()6! ' '#\$#(0, \$' =\*. "23(-=,)) "8301%\*-37(01-0" 01)" 1%' %-#(&' \$+' &,4-' " )%' \$' \$73%" 2)@)\*\$/7)' 0" /, \$C) %0(3') @30-4\*. "+\*\$8"0\$8-, 2"01)"-++\*&)' 0-' 2"-8-. "+, \$7"01)/) \$/)\*\$+7\$2)(0"7)-' (5"Q1)"=\$@, ' 7)' 0-\*"3' 303-03@)("L)0303\$' ), ("4\*301)\*. 2)' 3=, -0)" -, )" 3' (0)-2" -7\$' =" 01)" 7\$, )" 37/\$, 0-' 0" 7)-' (" \$+ -22, )((3' ="(\$7)"\$+"013("#-03\$' 9("7\$(0"3' 0, -%0-4\*)"- ' 2"/, )((3' =(\$%3-""3\*\* (5"

S5"L)0303\$' ), (9"4-\*2"- ((), 03\$' 6": ,5"SY6"01-0"P01)"81\$\*)"32)-4)13' 2" )%' \$' \$73%" 2)@)\*\$/7)' 0" /, \$C) %0(" 3(" , )/\*-%3' =\*\$8), <3' %\$7)" , ) (32)' 0( "8301" 13=1), <3' %\$7)" \$' ) (R" 3(" (37/\*+ -\*( )5""Q1)"P32)-R"\$+"7- ' . " 4&0"" \$0"-\*\*a"/, \$C) %0("3("0\$"/, \$7\$0) 13=1), "0%#&#(O'&() ("K"813%1"%-' , )-23\*. "7)-' =" , )-0), "1\$&(3' =\$/ /, \$, 0&' 30. " +\$, " \*\$8<3' %\$7)" /) \$/)\*5" " 3%%, /, %5@3" 8#\*\* )@%, /- ! . #' @(/', E%#@: (&, 25, D%(./B/#() ' , E/+&5, L%25, A/. B3"b [T"G5V5 [d["`STYYag`&%%, )\*&/, A+0): /@), F) \*\*&, 25; ; +\$=%0%, A/" " +'#(0 Z\$&' 256"de\_"G5V5"S\_\_" [EEeag"A#(0, /-, P0" /' 0&, 25, Z6-/ . 0, E/+&%/ K' \$5/dSb"G5V5"Y[d" STTdag"3/+(. % . ' ; ; +. #' @(/', A/+ ' (0, >! ! A< 25, D(5, G)+. %"eeD"B5[2"YSe" #5X5"STYda5"

Z\$, ") ]- 7/\*)6"01)"(30)"\$+01)": , \$\$; \* . ' "B0\*- ' 03%\ - , 2(/, \$C) %06 813%1%"\$' (3(0("/, 37-, 3\*. "\$+@-%-' 0"- ' 2"3' 2&(0, 3-""- ' 26'%&, , )' 0\*. 1- (" -//, \$]37-0)\*. "SDE"&' 30("\$+ , ) (32)' 03-""1\$&(3' =6"813\*)"01) /, \$/\$()2"/, \$C) %0"83\*\*\*1-@)("\$7)"b6EEE"&' 30("\$+1\$&(3' =6"1-^+\$+ 813%1"83\*\*\*4)" , )' 0)2"\$&0"-0"4)\*\$8<7-, ; ; )0", -0) ("-' 2"+&\*\*. "\_EE"\$+ 813%1" 83\*\*\* 4)" ()0" - (32)" +\$, " \*\$8<3' %\$7)" 3' 23@32&-\* (" K" 8301 =&- , -' 0)2"&' 30("\$+ , -""23(/\*-%)2", ) (32)' 0("-' 2"/, )+, )' %) ("+\$, ' )3=14\$, 1\$2", ) (32)' 0(5""

B(" & 7), \$&(T&23%3-""2)%3(3\$' ("00) (06"/, \$/), 0. "\$8' ), ("+\$0)' , ) (3(0" (&%1" )++\$, 0(6"0. /3%-\*\* . "- ((), 03' =" -" ' )2"0\$"/, ) (, @)" 01) P%1-, -%0), R"\$+01)" ) ]3(03' =" ' )3=14\$, 1\$2"K"- , -03\$' -\*)"01-0" \$0

ST

/,)0]0"0\$ "018-,0"-+,\$,2-4\*)"1\$&(3' ="2)@)\*\$/7)' 0a5""  
" " " [5" l )@)\*\$/7)' 0" /,\$c)%0(" \$+0)" " 4,3' =" (\$,)\*. " ' '))2)2  
)7/\*\$. 7)' 0" \$//,\$,0&' 30. " 0\$ " &,4-' "%\$ 7 7&' 303)(5" " Q1)" #)8  
H\$' 2\$' "/,\$c)%0"3("] /)%0)2"0\$,)(&\*0"3' "4)08))' " Sa"dS\_- ' 2\_ DY  
%\$' (0,&%03\$' "c\$4(g" [a"YS\_- ' 2"SeD["23,)%0"4(g"- ' 2" ea"dEE"- ' 2  
TbE3' 23,)%0"4(g"- (/,)@3\$&(\*. " \$0)26"01)"B0\*-' 03%" \-, 2(/,\$c)%  
8\$&\*2' +-, ")]%)2" 01\$( " ' & 74), (6" 8301" ) (03 7-0) (" \$+" SE6EEE  
/), 7- ' )' 0"4(g"- ' 2"Sd6EEE"%\$' (0,&%03\$' "c\$4(5"

J 301" 01)" 2) 73() " \$+" 7- ' &+-%0&,3' =" ) 7/\*\$. 7)' 0" 3'  
#,\$,01)-(0, ' "%303)(6"%\$' (0,&%03\$' "c\$4("/,\$@32)"01)"4)(0-' 2"\$+0)'  
01)"\$' \*.,)-\*3(03%"\$//,\$,0&' 30. "0\$)-, ' "-\*3@3' ="8-)=)01,\$&=1"4\*&<  
%\$\*-," 8\$; ;5""?' "01)"-,)-("&,\$&' 23' ="01)"B0\*-' 03%" \-, 2(" (30)6  
81,)" &' ) 7/\*\$. 7)' 0" , -0) (" -,)" 13=16" ) (/)%3-\*. "+\$," B+,3%- ' <  
B 7),3%- ' ("-' 2"\$01),"7) 74),("\$+"73' \$,30. " =,\$&/ (5"Q1)"4' ) +30(  
\$+" ) 7/\*\$. 7)' 0"0, -' (%)' 2"8-)=) (" /-326"\$+%"\$&,( )6'(3' %)"c\$4(-, )  
-"/,3' %3/-\*" ) =3' )"\$+@3,0&-\*. " -\*\*"+\$, 7("\$+"(\$%3-\*"(0-43\*30. 5"" 3%%  
//5" <T6" &+B. )5

e5" " L,\$c)%0(" 4,3' =" (&4(0-' 03-\*" 4' ) +30(" 0\$" ,)(32)' 0(" \$+  
37 7)23-0)\*. " -++)%0)2" -' 2" (&,\$&' 23' =" ' )3=14\$,1\$2(5' ?'  
(/-, )\*. " /\$/&\* -0)2" -,)-(" 81,)" @-%- ' 0" \*-' 2" -' 2" &' &()2  
3' 2&(0,3-\*"4&3\*23' =( "-,)" ) / \*-%) 26"01)"3' +\*&]"\$+\*- , =, " & 74), (" \$+  
/)\$/\*)" %-' " 37 /,\$@)" /&4\*3%" (-+)0. 6" 0, -' (/,\$,0-03\$' 6" (1\$//3' =  
\$//,\$,0&' 303)(6" -' 2" 01)" ^&-\*30. " \$+" /&4\*3%" ( ) ,@3%)(6" 3' %\* &23' =  
/&4\*3%"(%1\$\$(+"\$,"01)" (&,\$&' 23' ="-, )-6" &%%, U5"mBNHi #: i Uc6  
BHH" QWci QNi U" #WJ A" OUi BQ?#c" M?i I Hi <OHBV" VONWWWHV  
QNUWGCN"LG: H?O"VONWWW"ONW?Oi " ` [EE[a" )2&%-03\$' -"4' ) +30(  
\$+"73])2<3' %\$ 7)"(%1\$\$(a6"- ' 2%"-' 4)"-%-0-\*. (0+"\$, " \$' =<' ))2)2  
)' @3,\$' 7)' 0-\*" ,) 7)23-03\$' 5""

b5""L)0303\$' ) , (9"(%\$, ' "+\$, "01)"4' ) +30"\$+"3' %, )-(3' ="7&' 3%3/-\*  
0-] " , )@)' &)" 3(" %\$ 7/\*)0)\*. " &' 8\$' 0)25" 3%%, //5" SE<SS" r " ' 5" b6  
&+B. )



[S

01),)8),)"-'."(&4(0-'%)0\$L)0303\$'),(9%\*-37("01-0")%\$ \$ 73%  
2)@)\*\$/7)'0/,\$C)%0(-,)3')@30-4\*."1-,7+&\*6"01)",&\*)"01).";  
1),)K"\$' )%-0)=\$,3%-\*\*."\*37303' =2)@)\*\$/7)'0"0\$4\*3=10)2'-,)-(  
K"8\$&\*26"4."2)+3' 303\$' 6"3' 0)' (3+."01)") ]0' 0"\$+23(/,\$/\$,03\$' -0)  
37/-%0"\$' "/\$,\$),6"/,)2\$ 73' -' 0\*."73' \$,30."%\$ 7 7 &' 303) (5

Y5" J 301\$&0" =\*\$((3' = " \$@," 013(" 2)/\*\$,-4\*)" 13(0\$,. " \$,  
&' 2),)(037-03' = " 01)" (,)3\$&(')((" \$+ /,)()' 0<2-. " ,-%3-  
23(%3,73' -03\$' " -' 2" 3') ^&-\*30.6' ! "#\$# 4)\*3)@)" 30" 37/\$,0-' 0" 0\$  
-%; '\$ 8\*)2=)"01)" 7-' . "8-. ("3' "813%1"01)"8\$, \*2"1-(%1-' =)2  
(3' %)K"- ' 2"\$+0)' 3' ",)(/\$' ()"0\$K"01\$()"" \$0\$,3\$&(+3\*&),(5"Q1)  
)2),-\*(0-0&0)("&' 2),"813%1"01\$()"/&4\*3%"2)@)\*\$/7)' 0/,\$C)%0(  
8),) /&,(&)2" '\$ \*\$' =,") ]3(06' -' 2"01)" +)2),-\*( /)' 23' = "01-0  
&' 2),8,\$0)"01) 7" 1-( "\$\$' = @-' 3(1)25" O\$' =,)((" 1-( " )' -%0)2  
(0-0&0) (6' %5@5' b[" G5V5O5" t" bD [ [6" 01-0" ]@3' %) "%\$' %), " +\$, "01)  
/, \$4\*) 7"\$+23(/\*-%) 7)' 05"'''

i @)" " 3+ 0\$2-. 9(" = \$@), ' 7)' 0" \$+3%3-\*( " -' 2" -273' 3(0,-0\$,(  
8),)" "\$7\$,) )' \*3=10)' )2"01-' "01)3,/,)2)% (((\$,(6&,4-' /"\$303%(  
1-(%1-' =)2"+&' 2-7)' 0-\*\*. 6"4)%-&() "\$+2) 7\$=, -/13%"(13+0(" -' 2  
01)"%3@3" ,3=10("7\$@) 7)' 0" -' 2"01)"n\$03' ="U3=10("B%06"7)-' 3' =  
01-0" )\*)%0)2" \$+3%3-\*( " -,)" +-," 7\$,) -%\$&' 0-4\*)" 0\$ /\$,\$, -' 2  
73' \$,30."%\$' (030&)' 0(5" A-5, >%1, H/. =, A#(0, ; 05, /-, P&(#'') )%, 25  
D/. #86" b\_T" G5V5" D\_\_6" YEE" 5Y" ST\_Ta" 3' @-' 32-03' =, &\*)" ("01-0  
=-@)" V0-0)" ?(\*-' 2" ,)(32)' 0(" ,&=1\*." (3]" 037)(" -(" 7&%1  
,/,)() ' 0-03\$' "\$' = \$@), ' 3' = "4\$2. "-(" : ,\$\$; \*.' 30)(a5-"L), 1-/(  
)@)' " 7\$,) " 37/\$,0-' 06" ) ] /, )3' %' 6" (\$7)037)(" 4300), 6" 1-( " \*)2  
%\$ 7 7 &' 30. ",)(32)' 0(" -' 2"%3@3%"\*)-2), ("0\$"=,)-0), "-8-,) )' (" \$+

(/)' 23' = /\$8), ("K"8301"(373'-, \*." 0,-=3%) +3%-%. 5" 3%, 7: /" B&/', 25, E4L6  
[EEd" J H[Ydee" I 5" M25"[EEda" %-0-\$=&3' ="\$' ="13(0\$,. "\$+ /&, /\$() +&" ,-%3-  
23(%3,73' -03\$' 3' "7\$,0=-=)"3' (&,-' %) "-' 2"(30)()\*)%03\$' a5

-PQ\$2-. " ! " ! " /&4\*3%<2)@)\*\$/7)' 0" \$+3%3-\*( " \$/), -0)" 3' " -+,-" 7\$,) )  
%\$' (0,-3')2)" @3,\$' 7)' 0" ! ! ! ! "B" 2"3' "01)" )8"8\$, \*2"\$+&,4-' <2)@)\*\$/7)' 0  
/\$\*303%(6"01)"0,-2303\$' -\*\*4&3\*2<- ' 2<=,\$8%"\$- \*303\$' "\$+=\$@), ' 7)' 0" -' 2"4&(3' )((  
%-'" "\$\*\$' =), %\$' 0,\$\*"01)" /,\$%) ((5" Q\$"\$7-' . "3' 0),)(0"=,\$&/(") ]3(06' -' 2"01).  
-.) -4\*)" 0\$" =-3' " /\$8), " -' 2" @3%3)6" 1\$8)@), " 0) 7/\$,-. 6" 4. " ) ]], %3(3' =  
/, \$%)2&,-\*\* ,3=10("\$+ ,)@3) 8"- ' 2"\*)@), --3' = "01)" /\$\*303%-\*\* ( (0) 75" H5" V--= \*.' 6  
Q?Mi v" V\$GBui "UWGH i Qqi "bDT" [EESa5

[[

- ' 2"-%03@)"' =-)= 7)' 0'3' "'- ' 2"&()"2)%3(3\$' <7 -; 3' =5'''

: 5 L,3' %3/\*)('V&//\$,03' ="U)(0,-3') 2'X&23%3-\*"U)@3)8"B//\*.  
Q\$"PL&4\*3%"G()R"O\*-37(

Q1)"-,=&7)' 0("\$+"L)0303\$') ,("-' 2" )' #\$\$#01-0"01)"2-' =),("\$+  
P) 73' )' 0" 2\$ 7-3' " -4&()R" ,)^&3,) " 7\$,) " ()-,%13' =" C&23%3-  
(%,&03' . " =3@)" (1\$,0" (1,3+0\$0\$01)" /,3' %3/\*) ("&' 2) ,\* . 3' ="C&23%3-  
2)+,) )' %) "0\$01)" =3(\*-0&,)5'''? 2))2"01)"2-' =), ("01) . "32)' 03+ . "2\$  
' \$0"(&//\$,0"K"- ' 2'3' "(3=' 3+3%- ' 0" ,)(/) %0("-,=&)" =-3' (0"K"01)" ,&\*)  
01) . "-(: "01)"O\$&,0"0\$37/(\$ )5 Q1-0" ,&\*)6"\$+"%\$&, ()6"8\$&\*2"4)  
,)^&3,) "-O# . %\$(,) /&23-03\$' "\$+"7- ' . "\$+"013("O\$&,09(/,%)2)' 0(5<sup>T</sup>

S5"J 13\*)"L)0303\$') ,("-' 2" )' #\$\$#,) /)-0)2\* . ") 7/1-(3>)"K\*3; )' \* .  
%\$ ,,) %0\* . "K"01-0" : /' %/1' % . &' (&++) , " (&4(0-' 03- ""&' %\$ 7 /)' (-0)2  
%\$(0(+, \$ 7"0-; 3' =(6"&%%%"%5@5"L)05": ,5"S<[6"ee<eb6"01-0"%\$ 7 /'-3' 0  
-,=&)" (" +\$, " ,) %\$' (32) , -03\$' " \$+" ]+&( A /' " B% ' &)(# /' " \* -86" &%%  
S# " I) \*\* ,G) + ' 0 . 0 , A / 5 , 25 , 4' #(%0, 3() (%&&"ee\_ " G5V5"S`" STbTab6" \$0  
01)"P/&4\*3%"&()R"2\$%0,3') "K"- ' 2"30"2\$) (" ' \$0" ,) 7\$0) \* . " (&//\$,0"-  
,&\*)"\$+(/)%3-""(%,&03' . "+\$, "P)%\$' \$ 73%"2)@)\*\$ / 7)' 0R"0-; 3' =(6"- (

<sup>T</sup> Q13(" O\$&,0" 1-(" 3' " 0) , 7 (" ,)C)%0)2" 1)3=10)' )2" C&23%3-"" (%,&03' . " +\$,  
/ ,3@-0) . " )])%&0)2" 2)@)\*\$ / 7)' 0" / , \$C)%0(" -' 2" -' . " (&==)(03\$' " 01-0" -  
P,) -(\$' -4)" % ) ,0-3' 0 . R" ,)^&3,) 7)' 0" 4" ,) -2" 3' 0\$ 01)" Z3+01" B7)' 27)' 05  
; % . " )' ")] /'-3' )2" eb\_ "G5V5"-0"ee<eba"01-0"-""=3(\*-0&,)9("%"\$' %\*&(3\$' "01-0"-  
P/&4\*3%" )' 2"7- . " ! " ! " 4)00) , ( ) , @)2"01 , \$&=1"-' -="" )' % . "\$+ / , 3@-0)" )' 0) , / , 3()  
01-' " 01 , \$&=1" -" 2) / - , 07)' 0" \$+=\$@) , ' 7)' 0R" 8-(" ' \$0" 0\$ 4)" =-3' (-326" -' 2  
D#0=#-") ] /' \*3%30\* . " 23(%\*-37)2" bDY"G5V5"-0" [b[a"3' 0) , (0"3' "01)"\*3; ) \*31\$2"\$ ,  
P% ) , 0-3' 0 . R" 01-0" 01)" /&4\*3%" 4)' ) +30" (\$&=10" 4 . " 01)" %1-"" )' =)2" \* -8A" P: &0  
o81)01) , " 3' " +-%0" 01)" / , \$@3(3\$' (" 83\*\*\* -%\$ 7 / \*3(1" 01)" \$4C)%03@) (" 3(" ' \$0" 01)  
) ^&) (03\$' A"01)"j%"\$' (030&03\$' -"" ,)^&3,) 7)' 0k"3("(-03(+3)2"3+!" ! " ! " 01)" ! " ! " ! " j(0-0)k  
H)=3(\*-0&,) , -03\$' -"" . "%\$&\*2"1-@)"4)\*3)@)2"01-0"j01)""\* -8k"8\$&\*2' / , \$ 7\$0)"30(  
\$4C)%03@)9Ra" ^&\$03' ="9%&(% . ' , C, 35, G# , % , K' &5, A / 5, 25, 3() (% , ; 05, / - , P^+ ) #T) (# / ' 6  
bdS" G5V5" Db\_6" DYS<Y [ " : ST\_Saag" &%% , ) \* & / , > ) (# / ' ) \* , ?5?5" dEe" G5V5" -0" b [ [  
`O\$' (030&03\$' " 3(" P(-03(+3)j2kR" 8301\$&0" P' )2" j+\$, k" -" (/)%3+3%" +-%0&-  
2)0) , 73' -03\$' " 81)01) , " 01)"%"\$' 2) 7' -03\$' " 83\*\*\* -%\$ 7 / \*3(1" 30(" \$4C)%03@) (Rag  
> % / I #)6 [ TS"G5V5"-0"deY" PJ 301"01)"83(2\$ 7 "\$+01)" / \$ \*3% . " -2\$ / 0) 26" 8301" 01)  
-2) ^&- % . "\$ , / , -%03%-43"30 . "\$+01)" -" 8" )' -%0) 2"0\$+\$ , 8- , 2"306"01)"%\$&, 0(" - , ) 4\$01  
3' %\$ 7 / 0)' 0" -' 2"&' -&01\$ , 3>)2"0\$2) -"Ra5"

[e

--3' (0-\*\*\*\$01),(6")0"-\*\$')"-P,)-(\$'-4\*)%,0-3' 0. R"),^&3,) 7)' 05

70"3("4. "" \$" 7)-' ("()\*+<)@32)' 0" 81. "-' "\$\*2),6""\$' =(0-' 23' =  
1\$7)\$8')," (1\$&\*2" \$," 8\$&\*2" +))"" \*)(((" -==,3)@)2" 4. " -  
`/,)(&7-4\*. '3' -2)^&-0)a%\$7/)' (-03\$' "-8-,2"3+1), "1\$7)"8),,  
0-;)' "+\$,"(\$7)"" '\$' %\$' 0,\$@),(3-""=\$@), ' 7)' 0-""&()6" (&%1"-(-  
()8--)" 0,)-07)' 0" /\*- ' 06" 01-' " 3+ 30" 8),)" /&0" 0\$ " &()" +\$," -  
2)@)\*\$/7)' 0"/,\$C)%0"01-0"(\$&=10""-,=)" 4&0'&' %),0-3' a"4' )+30("K  
\*)0"-\*\$') "01-0"(1)"8\$&\*2"/,)+,"-"/,\$C)%0"01-0"2)\*3@,)2"(7-""6"4&0  
2) 7\$' (0,-4\*)"4' )+30(5""L)0303\$' ),(9",&\*)"K"- ' 2"01)"' 030\*) 7)' 0"0\$  
)' C\$3' " 0-; 3' =( " 01-0" 2\$" ' \$0" 7))0" 01)" P,)-(\$'-4\*)%,0-3' 0. R  
(0-' 2-,2"<<"3(" \$0"\*3730)2"0\$" 1\$7)\$8'),(" `3' 2)26"L)0303\$' ),(  
3' %\*2)"-"/-,0' ),(13/"01-0"\$8' ("7&\*03/\*)"/-,%)\*("\$+/",\$,)/. a5<sup>SE</sup>

[5" H3; )83()6' -\*01\$&=1"L)0303\$' ),(" -' 2") " #\$\$ 7-; )" 4,\$-2  
-((),03\$' (" -4\$&0"23(/,\$/\$,03\$' -0)"4&,2)' (" \$' "/)\$/\*"\$+ 7\$2)(0  
7)-' (" -' 2" 7) 74),("\$ +",-%3-"" 73' \$,30. "=\$&/ (6" /+(, &%%, /5" SE6  
&+B. )/01),)3(" \$" %\* -37" \$+ ,-%3-"" 23(% ,373' -03\$' "\$ , 23(/-, -0)  
37/-%0"3' "013(%-())6"" \$,"2\$"01)",&\*)"("01). "()); : ""3 730)2"0\$"/\$\$,\$\$,  
73' \$,30. "=\$&/("1\$7)\$8' ),(6"" \$,"8\$&\*2"01)3,"&\*)"6"3+ -2\$/0)26  
-00-%1" -' . "(3= ' 3+3%- ' %)"0\$"01)" ,-%3-"" 23(0,34&03\$' "\$+ 4' )+30("\$ ,  
4&,2)' (" \$+ " - =3@)' " /,\$C)%05" " A/" B). %J, %5@R" ! \*%6)' 0%, 25  
3)' 0/2) \*J,de["G5V5"[Yd" ["EESa" 2)' . 3' ="/,3@-0)",3=10"\$+-%03\$'  
&' 2),"23(/-, -0)"37/-%0",)=&\* -03\$' (a5

""L)0303\$' ),(" -' 2") " #\$\$ \$++," "\$") ]/\*- ' -03\$' "81. "01)"37/-%0  
-\*\*)23("(/)%3+3%0\$")],%3()("\$+" 73' )' 0"2\$ 7-3' "+\$,P)%\$' \$ 73%  
2)@)\*\$/7)' 0R"/&,/\$() (6"01)3,"(&4 73((3\$' ("(&==)(0"01)"\$//\$(30)  
K"- ' 2""013("O\$&,09(""%-())(" 7-; )""%\*)-,""01-0"" (&%1""37/-%0(""- ,)  
' \$0""&' 3^&)"0\$""01)"" 73' )' 0""2\$ 7-3' ""/\$8),5"" ,3%%, 9)&: #' @(/'  
25,L)2#&/b[D"G5V5"[T6" [b\_ " STYDa"" 23(/-, -0)""37/-%0""(0-' 2-, 2  
P8\$&\*2"! "!"!"/),1-/"("3' @- 32-0)6"" -"" 81\$\*)" ,-' =)"" \$+"0-]6  
8)\*+ ,)6"" /&4\*3%"" (),@3%)6"" ,)=&\* -0\$, . 6"" -' 2""\*3%)' (3' ="" (0-0&0)(  
01-0"" 7- . "" 4)"" 7\$,) "" 4&,2)' (\$7)""0\$""01)"" /\$\$," " -' 2""0\$""01)  
-@),-=" 4\*-%; ""01-' ""0\$"01)"" 7\$,) "" -++&)' 0"" 8130)Rag',&%%, ,) \*&/

<sup>SE</sup>" ?" " 01)" %-( )" \$+" -" \*\$' =(0-' 23' =, ) (32)' 0" 81\$ . %' (&' -' " -/-,07)' 06  
L)0303\$' ),(9",&\*)"\*)-@("13(""- ' 2\*\$,2" 8301"&' +)00),)2"23(% ,)03\$' "0\$"( )""0\$"01)  
2)@)\*\$/),6"P(\$%3-""%\$(0(R"" \$08301(0-' 23' =5

[b

3)' 0/2)\*J,,&+B.)g" 7/1', /-, E+' (#' @(/', 25, E+' (#' @(/', ; .) '\$: J  
>!! A<Jb\_\_"G5V5"Sd" ST\_a" 7) 75a"">\$' 3' ="\*3730)2"73' \$,30.  
,)(32)' 0("0\$"&,4-' ",)' )8-"- ,)-ag"A: %&(%., ?%&#0%' (&,A/' \$%. ' %0  
-/. ,Q+)\*#(0,G#2#' @,25,3%#-6"Se["Z5e2"T[d" e2"O3,5"STTYa6"2)\$)(%06  
d[b" G5V5"TYb" STT\_a" 3' )^&30-4\*)" &()" \$+ , )=&\* -0\$, . " /\$8), "0\$  
3((&)"' @3,\$' 7)' 0-" /), 730(a5  
e5"Q1)"2-' =), ("+) -0&,) 2"3' "01)"4,3)+("\$' "L)0303\$' ), (9"(32)"2\$

[d

/-. "7-; ;)0<@-\*&"+\$, "0-; )' "/, \$/), 0. "/, \$@32)("4\$01"-("&4(0-' 03-\*  
7)-' (" \$+" 7303=-03' =" 3' 23@32&-\*\* 4&, 2)' (6" &%% !. " &(/' @" eDb  
G5V5"-0"bT6"- ' 2"-("&4(0-' 03-\*\*2)0), ,)' 0"0\$"-%03\$' ("01-0" \$0"- ,)' \$0  
/&4\*3%\* . " 4)' )+3%3-\*\* `3' 2))26" +3(%-\*\* %\$' (0,-3' 0(" /, )@)' 0" 7-' .  
0-; 3' =("01-0"8\$&\*2"4)"4)' )+3%3-\*a5""

d5" : )%-&(" %"\$' 2) 7' ))(" - ,)" 0. /3%-\*\* . " )' 030\*)2" 0\$" c&23%3-\*  
1)-, 3' =(6-' 2"4)%-&("V0-0) ("++\$, 2"/, \$%) 2&, -\*\*/, \$0)%03\$' ("K"- ' 2  
37/\$() "\*" )=-\*\* %\$' (0,-3' 0(" K" (&4(0-' 03-\*\* . " 4) . \$' 2" 01\$() "&' 2),  
)2), -\*\*%\$' (030&03\$' -\*\*\* -86"%\$' 2) 7' -03\$' (" - ,)" 7\$, )"%\$(0\* . "- ' 2  
&' %), 0-3' 6-' 2"01), )+\$, )"" ("%"\$ 7 7\$' 6"01-' "L"0303\$' ), (9"-%%\$&' 0(  
-((&7)5"" 3%%, @%' % . )\*\*0,M), , 3\*\*6"Y["Owu#i HH"H5"Ui n5"-0"YY<Y\_  
`)]/\*-3' 3' ="01-0"P01)"2)%3(3\$ "81)01), "0\$&(") 73' )' 0"2\$ 7-3'  
(1\$&\*2" 4)6" +, \$7" -' ")%\$' \$ 73%"/), (/)%03@)6" ()\*+, )=&\*-03' =Ra5  
Q1)() "%\$(0(" - ,)" \$' 0"01)"\$ \* . "\$, )@)' "01)" /, 3' %3/-\*\*2)0), ,)' 0(5  
i ]/), 3)' %)" %\$' +, 7(" 81-0" 01)\$, . " 8\$&\*2" /, )23%0A" 01)  
%\$' %)' 0, -0)2" -' 2"@3(34\*)" %1-, -%0), "\$+01)" 4&, 2)' (" \$+" 73' )' 0  
2\$ 7-3' "K"- (" --3' (0"01)" 23+&(" -' 2"3' %1\$-0)"/&4\*3%"4)' )+30("K  
7-; )("30)- (3), "0\$ 7&(0), "\$//\$(303\$' " -' 2"%\$' 0, \$@), (. 6"-2@), ()  
/&4\*3%30. 6" -' 2" \*303=-03\$' a" 01-' " (&//\$, 0" +\$, )@)' " 01)" 7\$(0  
7-' 3+) (0\* . "4)' )+3%3-\*\*/, \$C)%0(5""""

""""O5 U) (0,-3' )2"U)@3)8?"(V&//\$, 0)2": . "01)"Q] ]06"V0, &%0&, )  
- ' 2"W, 3=3' -\*\*?' 0)' 0"\$+Q1)"O\$' (030&03\$'

S5"O\*-37("01-0"01)"P/\*-3' \*\*-' =&-)=R"\$+01)"Z3+01"B 7)' 27)' 0  
%-\*\*("\$&0"+\$, "(0, 3' =)' 0", )@3)8"(&+), "+, \$ 7"-01, ) (1\$\*2"23++3%&\*0. A  
01)"\*- ' =&-)= "\$+01)"B 7)' 27)' 0"2\$) (" \$0"(&==) (0"01-0"P/&4\*3%  
&())R" 3(" 3' 0)' 2)2" -(" -" (&4(0-' 03@)" \*3730-03\$' " \$' " = \$@), ' 7)' 0  
/\$8), 5" Q1)() " -, =&7)' 0(" 2)/)' 2" \$' " , )-23' =" 01)" Z3+01  
B 7)' 27)' 0" )&, #-" 30" (-32P/, 3@-0)"/, \$/), 0. " (1-\*\*\*' \$0" 4)" 0-; )'  
05R; 5=4S'+\$, "/&4\*3%&() "01- , S'8301\$&0C&(0%"\$ 7/)' (-03\$' 6R"K"- ' 2  
01)' "(/)%&\*-03' ="-(0\$ "81-0"01)"Z, -7), ("&' 2), (0\$2"P/&4\*3%R"- ' 2  
P&())R" 0\$ 7)-' 5" : &0"01)" -%0&-\*\* 8\$, 23' =" \$+" 01)" B 7)' 27)' 0  
(&==) (0" 01-0" " P/&4\*3%" &())R" 3(" 7)-' 0" -(" -" 2) (% , 3/03\$' " \$+" 01)  
0-; 3' =("\$ +\$, " 813%1"%\$ 7/)' (-03\$' " 7&(0" 4)"/-326", -01), "01-' " -'  
3' 2)/)' 2)' 06" (&4(0-' 03@)" \*3730-03\$' "\$' " = \$@), ' 7)' 0-\*\*/\$8), 5""

[5"V%1\$\*- , \* . , )@3)8"\$+01)"13(0\$, 3%-\*\* , )%\$, 2"(&==) (0("01-0"013(

[D

' -0&,-\*\* ,)-23' =" 3(" 01)" \$,3=3' -\*\* . " 3' 0)' 2)2" \$' )6' #5%5" 01-0" 01)  
Z,-7),(" 232" ' \$0" 3' 0)' 2" 01)" 8\$,2(" P/&4\*3%" &()R" 3' " 01)" Z3+01  
B7)' 27)' 0"0\$"\$/\$/,-0)"-("-(&4(0-' 03@)6"C&23%3-\*\*. ")' +\$,%) -4\*)  
\*3730-03\$' "\$' " 01)" H)=3(\*-0&, )9(") 73' )' 0" 2\$ 7-3' "/\$8),5" 3%%  
N-, ,3' =0\$' 6"de"NBVQ?#cv" H5" X5"-0" S[bY" P01)"32)-"01-0"%\$&,0("1-2  
01)"/\$8),0\$("&/, @3()")=3(\*-03@")]/, \$/,3-03\$' (" 8\$&\*2"1-@  
4))' "&' +- 73\*3-, "0\$"01)"7) 74),("\$+01)"O\$' =,)(("81\$2, -+0)2"01)  
(\$<%-\*\*)2"Q-; 3' =("O\*-&()Rag"#05,-0" S[b\_ " "%\$' %\*&23' ="01-0"Pj3k'  
&(3' ="01)"0), 7"o/&4\*3%"&()93' "01)"Z3+01"B7)' 27)' 06"01)"2,-+0),(  
!"!"!"3' 0)' 2)2"0\$" 23(03' =&3(1" -" %),0-3' "0. /)"\$+"0-; 3' =" 813%1  
, )^&3,)2"%\$ 7/) ' (-03\$' "!"!"!"+, \$ 7"01\$() "813%1"232" "\$0Rag" &%%  
) \*&^N-, 06"SET"NBUn5" H5" Ui n5"-0" S[TY" P01)"13(0\$, . "\$+%"\$\*\$' 3-\*  
\*- ' 2"&()\*\*) =3(\*-03\$' "(0, \$' =\*. "&//\$,0("01)"O\$&,0p("%"\$' 0, \$@), (3-\*  
%\$' %\*&(3\$' "01-0"-("0-0)9(") 73' )' 0"2\$ 7-3' "/\$8),3(") (') 03-\*\*. "-(  
4, \$-2"-("30("/\$\*3%)" /\$8), Ra5<sup>SS</sup>"

e5" V\$", )-23' =" 01)" Z3+01" B7)' 27)' 0" 2\$)(" ' \$0" 7)-' " 01-0  
P/&,) \* . "/,3@-0)"0-; 3' =(R" -, )"%\$' (030&03\$' -\*\*\$, " 2)/,3@)"P/&4\*3%  
&()R"\$+3' 2)/) 2)' 0" (3=' 3+3%- ' %)5" : &0"30"2\$)(" 7-; )"\*)-,"01-0  
01),)"3(" "\$ 8-, ,-' 0"+\$, "4,)-; 3' =" 8301"/, )%)2)' 0"- ' 2"37/\$ (3' =  
(0,3%0), "(%, &03' . 5"

-5"U)(0, -3' )2,)@3) 8"\$+P/&4\*3%"&()R"%\*-37 ("2\$)(" "\$0"2)0, -%0  
+, \$ 7"81-0"1-("\*\$' ="4))' "32)' 03+3)2"-("01)"%\$, ) , ) ^&3, ) 7)' 0"- ' 2  
/,37-, . "/&, /\$() "\$+01)"O\*-&()A"0\$"7- ' 2-0)"%\$ 7/) ' (-03\$' "(01-0  
P(\$7)" /)\$/\*)" -\*\$' )"j-, )" ' \$0" +\$, %) 2k" 0\$" 4)-, "/&4\*3%" 4&, 2)' (  
813%16"3' "-\*\*"+-3, ' ) ("-' 2"C&(03%)6"(1\$&\*2"4)"4\$, ' )4. "01)"/&4\*3%  
-(" -" 81\$\*)6R" " ! . " &(/. / @, 25, 4' #(%0, 3)(%&& eDb" G5V5" bE6" bT  
' STDEag" P)&(% . ' P' (%. B. #&&& 25, ! B-%"6" d[b"G5V5" bT\_6" dbd" STT\_a  
' m)' ' ) 2. 6"X56"%\$' %&, ,3' ="3' "C&2=7)' 0a" PQ1)"jQ-; 3' =(kO\*-&()  
\$ /), -0)(" -("-%\$' 2303\$' -\*\*3730-03\$' 6"/), 73003' ="01)"=\$@, ' 7)' 0  
0\$"2\$ 81-0"30" 8- ' 0(" (\$\*\*\$' =" -("30" /- . ("01)"%1-, =)Rag; . /1' , 25

<sup>SS</sup>B(" N-, ,3' =0\$' " )]/\*-3' (6" de" NBVQ?#cv" H5" X5"-0" S[DY<D\_6" 7\$2), '  
-((&7/03\$' ("01-0"-//, \$/,3-03\$' "\$+/, \$/), 0. "01, \$&=1\*\*) =3(\*-03@)\* . "-&01\$, 3>)2  
) 73' )' 0" 2\$ 7-3' " 3(" #/@\$\*&' 0-, . " 2\$)(" '\$0" 0-; )" -%%\$&' 0" \$+ 832)(/, )-2  
&' 2), (0-' 23' =" 01-0" -" /, \$/), 0. " \$8' ), 9(" P, ) /, ) (') 0-03@)(R" 8), ) -=>) 0(6  
-&01\$, 3>)2"0\$P"\$' (') 0R"0\$"-("\*)"0\$P01)"/&4\*3%5R" 3%#, 05" =3@3' =) ]-7/')(  
+, \$ 7: \*-%; (0\$' )9("O\$ 77)' 0-, 3)(6"X\$1' "H\$%; )6"- ' 2)-, \* . "V0-0)"O\$' (030&03\$' (a5

[Y

G%)\*, F/+ '05" de\_" G5V5" [SD6" [ed" `[EEea" `PQ1)" Z3+01  
B7)' 27)' 0" 2\$)(" '\$0" /,\$(% ,34)" 01)" 0-; 3' =" \$+" /,\$/) ,0. g" 30  
/,\$(% ,34)" (0-; 3' =" 8301\$&0" C&(0" %\$7 /)' (-03\$' 9Ra" ` %30-03\$'  
\$7300)2a" F#. &( P' @\*#&: , P2)' @%\*\$)\$)\*, G+( : %.) ' , A: +. \$: , 25, G/&  
! ' @%\*%&, A/+ '(06" b\_[" G5V5" eEb6" eSb" `ST\_Ya" `O\*-&()) 8-(  
P2)(3=' )2" '\$0" 0\$" \*3730" 01)" =\$@) , ' 7)' 0-\*" 3' 0) ,+ ,)' %)" 8301  
/,\$/) ,0. " ,3=10(" /) ,"( )6" 4&0" , -01) , "0\$" ()%& ,) "%\$7 /)' (-03\$' "3' "01)  
)@)' 0"\$+"\$01) ,83() /,\$/) , "3' 0) ,+ ,)' %)" - 7\$&' 03' ="0\$" -"0-; 3' =Rag  
A: #)\$@/J, ; 5, C, Q5, ?05, 25, A: #)\$@/6" SDD" G5V5" [ [D6" [eD" S\_TYa5"  
"""" 45""Q1)"O\$' (

[

A/ebS"G5V5"SSb" STdSa"%\$ 7 /)' (-03\$' "2&)"81)' "73' )"\$, 2), )2  
\$/), -0)2" -("8-, <037)"")%((30. a" 1#(:, " 4' #(%0, 3()(%&, 25, A%' (. ) \*  
P+. %=), D# #' @, A/edY"G5V5"Sdd" STd\_a" '\$%\$ 7 /)' (-03\$' "+\$,  
\$8' ), "81\$( "73' )("8, )"\$, 2), )2"\*\$() 26" -("8-, 037)"7) -(&, )a5  
I 5" O\$' (32), -03\$' ("+\$"Z)2), -\*3(7"V0, \$' =\*. "V&/ /\$, 0"B21), )' %)  
Q\$"I )+), )' 03-"V0-' 2-, 2("\$+"Z)2), -"O\$' (030&03\$' -"U)@3) 8  
"" L)0303\$' ), (9" -((&, -' %) (" 01-0" 01)" P(; . "83"" \$0"+- \*\*6R  
'\$08301(0-' 23' =6") 74, -%3' ="01)", &\*)"01). "/, \$/\$() "8\$&\*2"1-@)  
+-, <,) -%13' =6"-2@), ()""\$' () ^&)' %)(5"

S5"B\*01\$&=1"L)0303\$' ), (" 7/1-(3>)"01-0"\$' \* . "-(7-"" & 74),  
\$+"V0-0) ("1-@) "-2\$/0)2")%\$' \$73%"2)@)\*\$/7)' 0%"\$' 2) 7' -03\$'  
/\$8), (" \$' -""+\$&, ("8301"O\$' ') %03%&09(6"01). "\$@), \*\$; "01-0"+-%09(  
7\$ (0" \$4@3\$&(" (3=' 3+3%- ' %)A" 30" 23(/, \$@) (" 01)" &' , )\*)' 03' =  
/)((373(7"-4\$&0"01)"/\$\*303%-"/, \$%) ((01-0"/, 7) -0) ("L)0303\$' ), (9  
(&473((3\$' 5" O\$' 0, -, . " 0\$" 01)" /,) 23%03\$' (" \$+" /\$\*303%-"" -' 2  
)%"\$' \$73%"01)\$, 3(0("01-0")%"\$' \$73%"2)@)\*\$/7)' 0%"\$' 2) 7' -03\$' (  
-, )3, ,) (3(034\*)6"7\$ (0"V0-0) ("1-@). )0"0\$"+3' 2"30" )%((-, . "\$, "83(  
0\$%"\$' +), "01)" B/1%. "-0"3((&)"^\*)0" -\*\$' )" ]), %3() "30"-4&(3@)\*. a5  
L)0303\$' ), (" 8\$&\*2" 2)' . " 01)" \*)=3(\*-0&,) (" \$+" 01\$( " (0-0) (" 01)  
+, )2)\$7"0\$2)%32)"81)01), "0\$"-2\$/0"(&%1"-, &\*)5"

[5""i @)' "7\$, )"(), 3\$&(3("01)"/\$0)' 03-"\*0\$"-\*0), "01)", )(/)03@)  
,\$)("\$+"V0-0)"-' 2"+)2), -""-8"K"- ' 2"V0-0)"-' 2"+)2), -""\$+/+. (&K"3'  
2)%323' ="P/&4\*3%&()R"23(/&0)5""

-5" " Z)2), -"" %\$&, 0" ,)@3)8" 1-(" ')@), " 4))' " 01)" /, 37-, .  
\*3730-03\$' "\$' "V0-0)" 73' )' 0"2\$7-3' "/\$8), 5""G' 03"" , -03+3%-03\$' "\$+  
01)"Z\$&, 0))' 01"B7)' 27)' 06"01)"4)2), -"O\$' (030&03\$' "37/\$( )2" \$  
\*3730-03\$' "81-0(\$@), "\$' "01-0"/\$8), 6"- ' 2"013("- ' 2"\$01), "+)2), -  
%\$&, 0("1-@) -%"\$' (3(0)' 0", )%\$, 2"\$+, )C)%03' ="P/&4\*3%&()R""\* -37 (6  
3' @\$; 3' =" /, 3' %3/\*) (" \$+"C&23%3-"" , ) (0, -3' 05" 3%%, / /5" [d<[Y6' &+B. )5  
B%\$%, 23' =. 6" 01\$( " %\$' %), ' )2" -4\$&0" , )3' 3' =" 3' " 01)" ) 73' )' 0  
2\$7-3' "/\$8), "1-@)""\$; )2"0\$"V0-0)"%\$&, 0("- ' 2"V0-0)"H)=3(\*-0&,) (  
+\$, , )3)+5""Q1), )3(" \$"3' 23%-03\$' "(&%1"/\*) -("1-@)="\$' )"&' 1) -, 2A  
+)8"V0-0) ("1-@)=", -' 0)2"01)" -&01\$, 30. "01-0"O\$' ') %03%&0"1-(6"- ' 2  
7-' . "V0-0)"%\$&, 0("1-@), )-2"(0-0)"%\$' (030&03\$' -""3730-03\$' ("7\$, )

[T

(0,3' =) ' 0\* . "01-' '013("O\$&,0"1-( "01)"Z3+01"B 7)' 27)' 05".....

45" " B\*7\$(0" )@) ,. " P/&4\*3%" &()R" 2)%3(3\$' " 23(%&()2" 4. L)0303\$' ), ("-' 2" ) " #\$\$%-, ,3)2"8301"30"%\*\$()\*. " ,)\*-0)26-' 0)%2)' 0 ^&)(03\$' ("+"(0-0&0\$, . " -85"N) , ,)6"+\$, " ) ] - 7/\*)6"L)0303\$' ), ("7-2) %\$\*\$, -4\*)" %\*-37(" 01-0" 01)" O\$' ' )%03%&0" H)=3(\*-0&, ) " 232" ' \$0 -&01\$,3>)"%\$' 2) 7' -03\$' "3' "01)"2)\*=-03\$' "0\$"01)"#HI Og"1-2"01) %\$&,0(" ,&\*)2"+\$, "01) 7"\$' "01\$( )=" ,&\$' 2(6"%\$' (030&03\$' - \*2)%3(3\$' 8\$&\*2" \$0"1-@)4) )' " " )%((-, . 5"3%%, ! B/&B/. /&,25,4. 1) ' , ?%0%25 A/" " V'6"YTE"B5[2"SSDY" O\$' ' 5"[EE[a" , )@) , (3' ="%\$' 2) 7' -03\$' '\$' "(0-0&0\$, . " =, &\$' 2(ag" <%^+/' ' /\$=,H)\$: (A\*+IJ,K' \$5,25,A#(0, /- ; . #0@%B/. (6" YTE" B5[2" SSY\_ " `O\$' ' 5" [EE[a5" " J 1) ' " 2)%3(3\$' ( -2\$/0" -" 4, \$-2" \$, " ' - , , \$8" &' 2) , (0-' 23' =" \$+ " \*)=3(\*-03@) -&01\$,3>-03\$' 6" 01) . " - , )" (&4C)%0" 0\$" 2)4-0)" -' 2" , )@3(3\$' " ` \$, , -03+3%-03\$' a"01, \$&=1"01)" /\$\*303%- \*' / , \$%) (5"

%5""?' " (&%1""303=-03\$' 6"+)2) , -""\$' (030&03\$' -""^&)(03\$' ("-,3() \$' \* . " -+0) , " 7. ,3-2" 3((&)" \$+" V0-0)" (&4(0-' 03@)6" / , \$%)2&, - \*6 -273' 3(0, -03@) -' 2"%\$' (030&03\$' - "" -8"- , ) , ) (\$\*@)2"K"" - ""3" '+-@\$ , \$+"01)" ) ] , %3(" \$+" ) 73' ) ' 0" 2\$ 7-3' 5" i @) ' " 81) ' " 01)" 3((&)" \$+ +)2) , - ""\$' (030&03\$' - \*30. "3(" +3' - \* . "C\$3' )26" 7-00) , (" \$+" (0-0)" -8 / \* - . " - ' &' &(&- \* . "%)" ' 0, - \* , \$\*)5" J 1-0"%\$' (030&0) ("P/ , \$/ ) , 0. R"3( / , 37 - , 3\* . " - ^&)(03\$' " 8301"V0-0)" -86" &%%, ; / . 0, /- , ?%@%' (&, 25 ?/(: 6" bE\_ "G5V5" dDb6" dYY" `STY[a6, -' 2" 81)01) , - "%\$ 7/)' (-4\*) P0-; 3' =R" 1-( " %%%&, , )2" -' 2" 81)01) , " +\$, - " P/&4\*3%" &()R" %-' \*3; ) 83("4)"4\$&' 2" &/"8301""\$%- "" -8"- ' 2""\$%- ""\$' 2303\$' (5" 3%% G+)\$)&"dEd"G5V5"-0"SESD" 5Yq"A\* ) . =/ST\_"G5V5"-0"eDT" P01)" / ) \$ / \* ) \$+" -" (0-0)6" - (" - \* (\$"30("%%&,0(6" 7&(06"3' "01)" " -0&, )" \$+"013' =(6" 4) 7\$ , ) "+- 73\*3- , R"8301"+-%0("4) - , 3' ="\$' "P/&4\*3%"&()R"3((&)a5

25" B" ,&\*)" 01-0" )' 030\*)2" )@) ,. " / , \$/ ) , 0. " \$8' ) , " 0\$' - 2)0) , 73' -03\$' "\$+P, ) - (\$' -4\*)%" , 0-3' 0. R"- (" -" 7-00) , "\$+-%0% . ) \* \$/ ' &#(+#/' ) \* , \*) 7"8\$&\*2" 7-; ) +)2) , -""\$&,0"t"ST\_e" (&30("01) +3, (0, ) (\$, 0+\$, / , \$/ ) , 0. "\$8' ) , ("81\$"\$/ / \$() - " / - . 03%&\* - , " / , \$C) %05 ?' 2)2)26"4)%-&("V0-0)" -8"%\*-37("%%\$&\*2" \$0"4)"4-(3("+\$, , ) 3) +3' +)2) , - "" %\$&,06" &%%, <%' ' : +. &( , 3() (% , 3\$: // \* , C, E/&B5, 25 E)\*0% . " ) '6" bDd" G5V5" \_T6" SED" `ST\_ba6" / \* -3' 03++ (" 8\$&\*2"%%&&1 01)3, "%1-"" )' =) ("3' " ) ] %\*&(3@) \* . "+)2) , -""\$' (030&03\$' - ""0) , 7 (

eE

i 5"L)0303\$' ), (9"(/)%3+3%"1)3=10)' )2"(%, &03' . "/, \$/\$(- \*6"813%1  
8\$&\*2", )-2"-P, )-(\$' -4\*)"%) ,0-3' 0. R", )^&3, ) 7)' 0"+\$, ")%\$' \$ 73%  
2)@)\*\$/7)' 0"0-; 3' =("3' 0\$"01)"Z3+01"B 7)' 27)' 06"3(")(/)%3-\*\*.  
&' -00,-%03@)5" V&%1" -" ,&\*)" 3(" '\$0" )@)' " (&==)(0)2" 4. " 01)

I Bn?I "Q5"CWHI : i Uc  
A/+ ' &%\*,-,.%\$/.0  
TT"N&2(\$ "V0,)06" \_ 01"+\*5  
#)8"\\$,;6"#5\5""SEESe  
`[S[a"eeb<\_\_Se"

Vi B#"N5"I W#BNGi  
SbYY"B"V056"#5i 5  
J -(13' =0\$' 6"I 5O5"[EEE[  
`[E[a"dbb<bEeY

X-' &-,."[EEd