NS@JGA BGQAJMQSPC AMNW

CVRCLBCB RM K?W /3* 0.01

HSJ /* 0.0/ HSL 1.* 0.00

SQD PCQC?PAF DMSLB?RGML* GLA,
37+073737.

16.0 QNCARPSK @MSJCT?PB /.. 6/1+752+4/5/
/6*.55*405,

R?KN?* DJ 114/0
BP, QWJTG? RFMK?Q V
Q?KC ?Q A ?@MTC
V
UUU,SQD,CBS-PCQC?PAF+GLLMT?RGML-PD-
V /767 DJ

RM NPMKMRC* CLAMSP?EC ?LB
CLF?LAC PCQC?PAF ?ARGTGRGCQ ?R RFC SLGTCPQGRW MD QMSRF DJMPG

/3
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+4*0/0,
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0.*133*/2., /2*.00*//4,
0*422*05/, 1*774*126,
+4*624, +4*0/0,
00*770*343, /6*./0*030,
., 0*/47*0.1,
., .,
., /21*775,
., .,
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//*55.*125, /1*570*031,
//*55.*125, /4*/.3*231,
//*000*0/6, /*7.4*577,

/07*//4*733, /62*762*...,
11*002*506, /.5*/10*203,
73*670*005, 55*63/*353,

BP, QWJTG? RFMK?Q* NPCQGBCLR $ AFGCD CVCASRGTC MDDGACP

?K?LB? ?B?KQ Amanda Adams 2023.05.09 16:14:33 -04'0 N..526.16
AFCPPW @CI?CPR ?BTGQMPW JJA 66+051.655
2./ C?QR H?AIQML QR* QSGRC /0..
R?KN?* DJ 114.0 6/1+03/+/./.
V

N_pr GGG Qrckclr md Npmep_k Qcptgac ?aamknjgqfkclrq

Afcai gd Qafcbsjc M amlr_glq _ pcqnmlqc mp lmrc rm _lw jglc gl rfgq N_pr GGG

/ @pgcdjw bcqapg`c rfc mpe_lgx_rgml%q kgqqgml8

0 Bgb rfc mpe_lgx_rgml slbcpr_ic _lw qgelgdga_lr npmep_k qcptgacq bspgle rfc wc_p ufgaf ucpc lmr
npgmp Dmpk 77. mp 77.+CX+ Wcq Lm
Gd Wcq* bcqapg`c rfcqc lcu qcptgacq ml Qafcbsjc M,

1 Bgb rfc mpe_lgx_rgml ac_qc amlbsargle* mp k_ic qgelgdga_lr af_lecq gl fmu gr amlbsarq* _lw npm Wcq Lm
Gd Wcq* bcqapg`c rfcqc af_lecq ml Qafcbsjc M,

2 Bcqapg`c rfc mpe_lgx_rgml%q npmep_k qcptgac _aamknjgqfkclrq dmp c_af md grq rfpcc j_pecqr np
Qcargml 3./&a'&1' _lb 3./&a'&2' mpe_lgx_rgmlq _pc pcosgpcb rm pcnmpr rfc _kmslr md ep_lrq _lb
pctclsc* gd _lw* dmp c_af npmep_k qcptgac pcnmprcb,

2_ &Ambc8 ' &Cvnclqcq " glajsbgle ep_lrq md " ' &Pctclsc " '

2` &Ambc8 ' &Cvnclqcq " glajsbgle ep_lrq md " ' &Pctclsc " '

2a &Ambc8 ' &Cvnclqcq " glajsbgle ep_lrq md " ' &Pctclsc " '

2b Mrfcp npmep_k qcptgacq &Bcqapg`c ml Qafcbsjc M,'
&Cvnclqcq " glajsbgle ep_lrq md " ' &Pctclsc " '

2c Rmr_j npmep_k qcptgac cvnclqcq z

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SQD PCQC?PAF DMSLB?RGML* GLA, 37+073737.

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ni fch_ 2[& 2\& il +*\ _fiq& ^_m]lc_ nb_]cl]ogmn[h]_m& jli]_mm_m& il]b[ha_m ih M]b_^of_ l(

V

Wcqlm

/_ /3

Gd rfcpc _pc k_rcpg_j bgddcpclacq gl tmrgle pgefrq _kmle kck`cpq md rfc emtcplgle `mbw* mp gd
`mbw bcjce_rcb `pm_b _srfmpgrw rm _l cvcasrgtc amkkgrrcc mp qgkgj_p amkkgrrcc* cvnj_gl ml Qaf

` /` 6

0 0 V

1 1 V

2 2 V

3 3 V

4 4 V

5_ 5_ V

` 5` V

6 6_ V

_ 6` V

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C` S_m& jlipc^_ nb_ h[g_m [h^ [^^l_mm_m ih M]b_^of_ l 7 V

"Nbcm M_]ncih < l_ko_mnm ch`ilg[ncih [\ion jifc]c_m hin l_kocl_^ \s nb_ Chn_lh[f L_p

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V V V "_rjf[ch ih M]b_^of_ l#

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0.

BP, QWJTG? RFMK?Q + &6/1' 752+2.//

16.0 QNCARPSK @JTB,* QSGRC /..* R?KN?* DJ 114/0

/10..4 /0+.7+0/

Afcai gd Qafcbsjc M amlr glq pcqnmlqc mp lmrc}}m}}}w}jmc}}l}}fgg}}N}}pr TGG

Qcargml M?ddgacpq* Bgpcarmpq* Rpsqrccq* Icw Cknjmwccq* _lb Fgefcqr Amkncl q_rcb Cknjmwccq

/_ Amknjcrc rfgq r_`jc dmp _jj ncpqmlq pcosgpcb rm `c jgqrcb, Pcnmpr amknclq_rgml dmp rfc a_jclb_p

£ Jgqr _jj md rfc mpe_lgx_rgml%q* bgpcarmpq* rpsqrccq &ufcrfcp glbgtgbs_jq mp mpe_lgx_rgmlq'* p
Clrcp +.+ gl amjsklq &B'* &C'* _lb &D' gd lm amkncl q_rgml u_q n_gb,

£ Jgqr _jj md rfc mpe_lgx_rgml%q* icw cknjmwccq* gd _lw, Qcc rfc glqrpsargmlq dmp bcdglgrgml md icw cknjm

£ Jgqr rfc mpe_lgx_rgml%q dgtc amkncl q_rcb p`0 ¢k`0hb•0Ð 0P `ÐP ð)0 / rÐB@0X6 P P 0ð©0pl Ð 0ð0À©ð@0ð
_`jc amkncl q_rgml &`mv 3 md Dmpk U+0* Dmpk /.77+KGQA* _lb-mp `mv / md Dmpk /.77+LCA' md kmpc

dmpkcp

dmpkcp bgpcarmpq mp rpsqrccq

&?'	&@'	&A' &bm lmr afcai kmpc rf_l mlc mv* sljcqq ncpqml gq `mrf _l mddgacp _lb _ bgpcarmp-rpsqrcc'						&B'	&C'	&D'
		Glbgtgbs_j rpsqrcc mp bgpcarmp	Glqrgrsrgml_j rpsqrcc	Mddgacp	Icw cknjmwcc	Fgefcqr amkncl q_rcb cknjmwcc	Dmpkcp			
5$/3+ & :,/&2; ',5(&725	/,.. 17,..	V						.,	313*65.,	02*747,
&+$5/(6 /2&.:22' ',5(&725	/,.. 17,..	V						.,	251*317,	16*604,
02(= /,0$<(1 ',5(&725	/,.. 17,..	V						.,	24/*.05,	1.*6.4,
3$8/ 5 6$1%(5* 35(6,'(17 ',5 817,/ -$1	/,.. 17,..						V	.,	1/2*/3.,	2.*004,
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1,&. - 75,98129,&+ 75($685(5	3,.. 13,..	V		V				.,	1.0*520,	17*/23,
'5 6</9,$ 7+20$6 35(6,'(17 ',5)520 129	/,.. 17,..	V		V				.,	0.3*5/3,	12*302,
.(,7+ $1'(5621 35(6,'(17 ',5 817,/ 129	/3,.. 03,..	V		V				.,	/73*/44,	10*.31,
1250$ $/&$17$5 ',5(&725	/,.. 17,..	V						.,	/46*116,	00*./1,
3$75,&,$ *$0%/(&)2	2.,.. .,..			V				.,	/44*523,	0/*374,
$//,621 0$''(1 6(&5(7$5<	13,.. 3,..	V		V				.,	/2.*351,	1.*/6/,
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Qcargml ?, Mddgacpq* Bgpcarmpq* Rpsqrccq* Icw Cknjmwccq* _lb Fgefcqr Amknclq_rcb Cknjmwccq

&?' L_kc _lb rgrjc	&@' ?tcp_ec fmspq ncp ucci &jgqr _lw fmspq dmp pcj_rcb mpe_lgx_rgmlq `cjmu jglc'	&A' Glbgtgbs_j rpsqrcc mp bgpcarmp	Glqrgrsrgml_j rpsqrcc	Mddgacp	Icw cknjmwcc	Fgefcqr amknclq_rcb cknjmwcc	Dmpkcp	&B' Pcnmpr_`jc amknclq_rgml dpmk rfc mpe_lgx_rgml &U+0-/.77+KGQA'	&C' Pcnmpr_`jc amknclq_rgml dpmk pcj_rcb mpe_lgx_rgmlq &U+0-/.77+KGQA-/.77+LCA'	&D' Cqrgk_rcb _kmslr md mrfcp amknclq_rgml dpmk rfc mpe_lgx_rgml _lb pcj_rcb mpe_lgx_rgmlq
-())5(< +$&.0$1 ',5(&725	/,.. .,..	V						.,	.,	.,
*:(1 0,7&+(// ',5(&725	/,.. .,..	V						.,	.,	.,
-2+1 02552: ',5(&725	/,.. .,..	V						.,	.,	.,
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+$55< 9(1(=,$ ',5(&725	/,.. .,..	V						.,	.,	.,

/` Qs`rmr_j	z	.,	1*2/4*347,	147*2/7,
a Rmr_j dpmk amlrgls_rgml qfccrq rm N_pr TGG* Qcargml ?	z	.,	.,	.,
b Rmr_j &_bb jglcq /`_lb /a'	z	.,	1*2/4*347,	147*2/7,

0 Rmr_j lsk`cp md glbgtgbs_jq &glajsbgle `sr lmr jgkgrcb rm rfmqc jgqrcb _`mtc' ufm pcacgtcb kmpc amknclq_rgml dpmk rfc mpe_lgx_rgml z .

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1 Bgb rfc mpe_lgx_rgml jgqr _lw dmpkcp mddgacp* bgpcarmp* rpsqrcc* icw cknjmwcc* mp fgefcqr amknclq_rcb cknjmwcc ml jglc /_= S_m&]igjf_n_ M]b_^of_ D	1		V
2 Dmp _lw glbgtgbs_j jgqrcb ml jglc /_* gq rfc qsk md pcnmpr_`jc amknclq_rgml _lb mrfcp amknclq_rgml dpmk rfc mpe_lgx_rgml _lb pcj_rcb mpe_lgx_rgmlq epc_rcp rf_l &/3.*...= Cc`p S_m&]igjf_n_ M]b_^of_ D dil mp]b ch^cpc^o[f	2	V	
3 Bgb _lw ncpqml jgqrcb ml jglc /_ pcacgtc mp _aapsc amknclq_rgml dpmk _lw slpcj_rcb mpe_lgx_rgml mp glbgtgbs_j dmp qcptgacq pclbcpcb rm rfc mpe_lgx_rgml= C`p S_m&]igjf_n_ M]b_^of_ D dil mp]b ch^cpc^o[f	3		V

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/ Amknjcrc rfgq r_`jc dmp wmsp dgtc fgefcqr amknclq_rcb glbcnclbclr amlrp_armpq rf_r pcacgtcb kmpc rf_l &/..*... md amknclq_rgml dpmk rfc mpe_lgx_rgml

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CB R?WJMP AMLQRPSARGML QMSRF* GLA,* 05/1 L, D?JICL@SPE PB* QRC ?* R?KN?* DJ 114/7	AMLQRPSARGML K?L?ECP	1*57*047,
K?QRCP K?GLRCL?LAC* GLA, NM @MV 050536* R?KN?* DJ 11466	AJC?LGLE ?LB H?LGRMPG?J	017*.12,
APC?RGTC QGEL BCQGELQ NM @MV 526123* ?RJ?LR?* E? 1.152	ECLCP?J AMLQRPSARGML	/56*3/1,
RFC B?TCW RPCC CVNCPR AMKN?LW NM @MV 72310* AJCTCJ?LB* MF 22/./	J?LBQA?NGLE QCPTGACQ	45*1.4,
RI CJCT?RMP NM @MV 1574* A?PMJ QRPC?K* GJ 4./10+1574	CJCT?RMP PCN?GPQ - K?GLRCL?LAC	/16*7/1,

0 Rmr_j lsk`cp md glbcnclbclr amlrp_armpq z 7

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M_]ncih /*+"]#"-# [h^ /*+"]#".# ila[hct[ncihm gomn]igjf_n_ [ff]ifoghm(;ff inb_l ila[hct[ncihm gomn]ig

		&?'	&@'	&A'	&B'
/	Ep_lrq _lb mrfcp _qqgqr_lac rm bmkcqrga mpe_lgx_rgmlq _lb bmkcqrga emtcplkclrq, Qcc N_br GT* jglc,0/	0*/47*0.1,	0*/47*0.1,		
0					
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3		/21*775,	/.5*776,	13*777,	
4	Amknclq_rgml lmr glajsbcb _`mtc rm bgqos_jgdgcb ncpqmlq &_q bcdglcb slbcp qcargml 2736&d'&/'' _lb ncpqmlq bcqapg`cb gl qcargml 2736&a'&1'&@'				
5					
6	NEc hq`gsmaDmÀjgd À_aÀaðps_@qlk_dlbrqa,mQrcpgcsbrgml•q F2300560106300700450056007000720Gpap†00 a &&#(_lrq [cargml_G0cP1†0 ` argml_Epclq_0-kcqgqos1				
7					
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_		/*711,	766,	723,	
`		/01*020,		/01*020,	
a					
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d					
e		/53*736,	/40*236,	/1*3..,	
/0		6*14/,	6*14/,		
/1		33*520,	2/*327,	/2*/71,	
/2					
/3		0*/74*52.,	0*/74*52.,		
/4		2*.11*562,	1*761*/2/,	3.*421,	
/5		1*26.,	1*26.,		
/6					
/7					
0.		/*212*4.1,	/*212*4.1,		
0/					
00		1*275*72/,	1*243*46.,	10*04/,	
01		117*675,	107*036,	/.*417,	
02					
_	QF?PCB QCPTGACQ	/*0/.*/24,	45.*3/1,	317*411,	
`	RCAFLMJMEW AMQRQ	36.*313,	36.*313,		
a	@?B BC@R CVNCLQC	/.5*412,	/.5*412,		
b	?BKGLGQRP?RGTC DCCQ	/5*..0,	/5*..0,		
c		3*033,	1*571,	/*240,	
03	Rmr_j dslargml_j cvnclqcq,	/4*/.3*231,	/3*060*714,	600*3/5,	.,
04	Hmglr amqrq,				

Afcai fcpc gd dmjjmugle QMN 76+0 &?QA 736+50.'

/10./. /0+.7+0/

						&?'		&@'	
/						1*.55*45/,	/	2*636*124,	
0						45.*611,	0	473*612,	
1							1		
2						/*525*047,	2	55/*516,	
3									
							3		
4									
							4		
5							5		
6							6		
7						/73*..7,	7	040*576,	
/._									
		/._	/.2*147*7./,						
`		/.`	15*5/.*00.,			2.*71.*5.1,	/.a	44*437*46/,	
//						13*425*/43,	//	/.*3/4*546,	
/0						14*554*3/6,	/0	1/*612*0.3,	
/1						46.*23/,	/1	0*1..*412,	
/2						4*655*2/7,	/2	4*54/*3.6,	
/3						0*3/1*7/5,	/3	4.*100*266,	
/4						/07*//4*733,	/4	/62*762*...,	
/5						0*/20*335,	/5	710*463,	
/6							/6		
/7						/11*.45,	/7	027*667,	
0.							0.		
0/							0/		
00									
							00		
01						/2*413*...,	01	/1*61.*...,	
02							02		
03									
						/4*1/2*/.2,	03	70*//7*63/,	
04						11*002*506,	04	/.5*/10*203,	
			V						
05						6.*3.1*002,		53*115*436,	
06						/3*167*..1,		0*3/1*7/5,	
07									
1.									
1/									
10						73*670*005,		55*63/*353,	
11						/07*//4*733,		/62*762*...,	

Afcai gd Qafcbsjc M amlr_glq _ pcqnmlqc mp lmr N_pr VG

/	Rmr_j pctclsc &ksqr cos_j N_pr TGG	/6*./0*030,
0	Rmr_j cvnclqcq &ksqr cos_j N_pr GV	/4*/.3*231,
1	Pctclsc jcqq cvnclqcq, Qs`rp_ar j	/*7.4*577,
2	Lcr _qqcrq mp dslb `_j_lacq _r `ceg	73*670*05,
3	Lcr slpc_jgxcb e_glq &jmqqcq	+/7*731*441,
4	Bml_rcb qcptgacq _lb sq	
5	Gltcqrkclr cvnc	
6	Npgmp ncpgmb _l	
7	Mrfcp af_lecq gl lcr _qqcrq mp dslb `_j_lacq &qvhj	4*0/0,
/.	Lcr _qqcrq mp dslb `_j_lacq _r clb md wc_p, Amk`glc jglcq 1 rfpmsef 7 &ksqr cos_j N_pr V* jglc 10 amjskl &0.0	55*63/*353,

Afcai gd Qafcbsjc M amlr_glq _ pcqnmlqc mp lmr N_pr VGG

/	?aamslrgle kcrfmb sqcb rm npcn_pc rfc_dmpk 77.8ps_j Mrfcp	
	Gd rfc mpe_lgx_rgml af_lecb grq kcrfmb md _aamslrgle dpmk _ npgmp wc_p mp afcaicb Mrfcp* cv	
0_	Ucpc rfc mpe_lgx_rgml%q dgl_lag_j qr_rckclrq amkngjcb mp pctg	
	Gd Wcq* afcai _ `mv `cjmu rm glbga_rc ufcrfcp rfc dgl_lag_j qr_rckclrq dmp rfc wc_p ucpc amkng	
	qcn_p_rc `_qgq* amlqmjgb_rcb `_qgq* mp `mrf8	
	Qcn_p_rc `_qgq Amlqmjgb_rcb `_qgq@mrf amlqmjgb_rcb _lb qcn_p_rc `_qgq	
`	Ucpc rfc mpe_lgx_rgml%q dgl_lag_j qr_rckclrq _sbgrcb	
	Gd Wcq* afcai _ `mv `cjmu rm glbga_rc ufcrfcp rfc dgl_lag_j qr_rckclrq dmp rfc wc_p ucpc _sbgr	
	amlqmjgb_rcb `_qgq* mp `mrf8	
	Qcn_p_rc `_qgq Amlqmjgb_rcb `_qgq@mrf amlqmjgb_rcb _lb qcn_p_rc `_qgq	
a	Gd Wcq rm jglc 0_ mp 0`* bmcq rfc mpe_lgx_rgml fÐ¡€rcP0À00 lbcn`0ð0 ||mpg0gmd_ r0 ð p	
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`		

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0_		V
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1_		V
1`		

Amknjcrc gd rfc mpe_lgx_rgml gq _ qcargml 3./&a'&1' mpe_lgx_rgml mp _ qcarg
2725&_'&/' lmlcvcknr af_pgr_`jc rpsqr,
z ?rr_af rm Dmpk 77. mp Dmpk 77.+CX,
z Em rm uuu,gpq,emt-Dmpk77. dmp glqrpsargmlq lb rfc j rcgr_bqDmpk rfgml,

Mncl rm Ns`jga
Glqncargml

L_kc md rfc mpe_lgx_rgml

SQD PCQC?PAF DMSLB?RGML* GLA,

Cknjmwcp gbclrgdga_rgml ls
37+073737.

&?jj mpe_lgx_rgmlq ksqr amknjcrc rfgq n_pr,' Qcc glqrpsargmlq,

Rfc mpe_lgx_rgml gq lmr _ npgt_rc dmslb_rgml `ca_sqc gr gq8 &Dmp jglcq / rfpmsef /0* afcai mljw mlc

/ ? afspaf* amltclrgml md afspafcq* mp _qqmag_rgml mp mlaf5 p&'&/'&?qqgg,`cb gl

0 ? qafmmj bcqapg`cb ml jgrcq /+/. Wcqq,, Lm sgrbqs 0 ðð ðpkq 0 ðq ,q 0@ æÐ 0TwÐpcpð _'&p0Ðrq d0 0

1 ? fmqngr_j mp _ ammncp_rgtc fmqngr_j qcptgac rgml mp _ 5.&'&/&?? mp &?qqgg,`cb gl

2 ? kcbga_j pcqc_paf mpe_lgx_rgml mncp_rcb gl amlhslargml ugrf _ j_lb+ep_lr amjjcec md _epgasjrspc &qcc glqrpsargmlq', Clrcp rfc l_kc* slgtcpqgrw* _lb_qr_rc8

3 ?l mpe_lgx_rgml mncp_rcb dmp rfc `clcdgr md _ amjjcec mp slgtcpqgrw mulcb mp mncp_rcb `w _ qcargml /5.&``'&/&&??mkgjc, rc N_pr GG,'

4 ? dcbcp_j* qr_rc* mp jma_j emtcplkclr mp emtcplkclr_j5.&g`'&/c&?pgf`cb gl

5 ?l mpe_lgx_rgml rf_r lmpk_jjw pcacgtcq _ qs`qr_lrg_j n_pr md grq qsnnmpr dpmk _ emtcplkclr_j qcargml /5.&``'&/&&??mkgjc, rc N_pr GG,'

6 ? amkkslgrw rpsqr bqcapg`cb ml jgrcq /5.&``'&/&&??mkgjc, rc N_pr GG,'

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/. ?l mpe_lgx_rgml rf_r lmpk_jjw pcacgtcq &/' kmpc rf_l 11 /-1# md grq qsnnmpr dpmk amlrpg`srgr

Qacps k 1gdP_lbpm amlhscfg`cr/k`cp &Dmk ÐÐ&rDmpN_mlcÐ&0jopÐ€0 cp_' p0p 0 `00Ð PðÀ _cl6Ðr 0pÀ 1lr

?l mpe_lg€

qcargml 3.7&_'&0', ?l 1 0°Ð pj_rgml m0 dp 0 &0hm Ð°´•Àp pmpk7ncl rmk °7°°sar à

// ?l mpe_lgx0ð `3qcargml 3.7&_'&0', rG ar`€Ðmk0 ð 0 0@Ð 0 `

/0 V

qcargml 3.7&g'&a'rgml 3.7&_'&0', qcargml 3.7&_'&1',

_ V Rwnc G,

Wms ksqr amknjcrc N_pr GT* Qcargmlq ? _lb @,

` Rwnc GG,

Wms ksqr amknjcrc N_pr GT* Qcargmlq ? _lb A,

a Rwnc GGG dslargml_jjw glrcep_rcb,

Wms ksqr amknjcrc N_pr GT* Qcargmlq ?* B* _lb C,

b Rwnc GGG lml+dslargml_jjw glrcep_rcb,

Wms ksqr amknjcrc N_pr GT* Qcargmlq ? _lb B* _lb N_pr T,

c

d

e

/

&g'_kc md qsnnmprcb mpe_lgx_rgml	&gGGL	&gRwnc md mpe_lgx_rgml &bcqapg`cb ml jgrcq /+/. _`mtc &qcc glqrpsargmlq	&t'Ga rfc mpe_lgx_rgml jgrcq /+/. Wcqq,, Lm	&tzkmslr md kmlcr_stwkmslr md mrfcp qsnnmpr &qcc glqrpsargmlq	qsnnmpr &qcc glqrpsargmlq
SLGTCPQGRW MD QMSRF DJMPGB?	37+1/.0//0	0	V	0*/47*0.1,	.,
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SQD PCQC?PAF DMSLB?RGML* GLA, 37+073737.N_e0

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A_jclb_p wc_p &mp dgqa_j	wc_p_	&a0./7	&b0.0.	&c0.0/	&dRmr_j
/ Egdrq* ep_lrq* amlrpg`srgmlq* _lb kck`cpqfgn dccq pcacgtcb, &Bm lmr glajsbc _lw slsqs_j epp_lrq, '					
0 ™w9 pcpctÙ'dÐ@0 rglsrcÐp€ àðc à ÷c_!p jg V 0Ð @Ð ° 0 ð @Ð ° r ra p0 @ð@0* '—9 p 0pc, .'rfpmsef /					
1					
2 Rmr_j,					
3					
4 Ns`jga qsnnmpr	Qsnnmpr jglc 3 dpmk jglc 2,				

A_jclb_p wc_p &mp dgqa_j	wc_p_	&a'	&b'	&c'	&d'
5					
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// Rmr_j qsnnmpr	Qsnnmpr jglcq 5 rfpmsef /.				
/0				/0	
/1 Dgpqr 3 wc_pq, qrmn fcpc					
/2				/2	
/3				/3	
/4_11 /-1# qsnnmpr rcqr + 0.0/, qrmn fcpc,					
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/6 Npgt_rc dmslb_rgml,					

sr rc,

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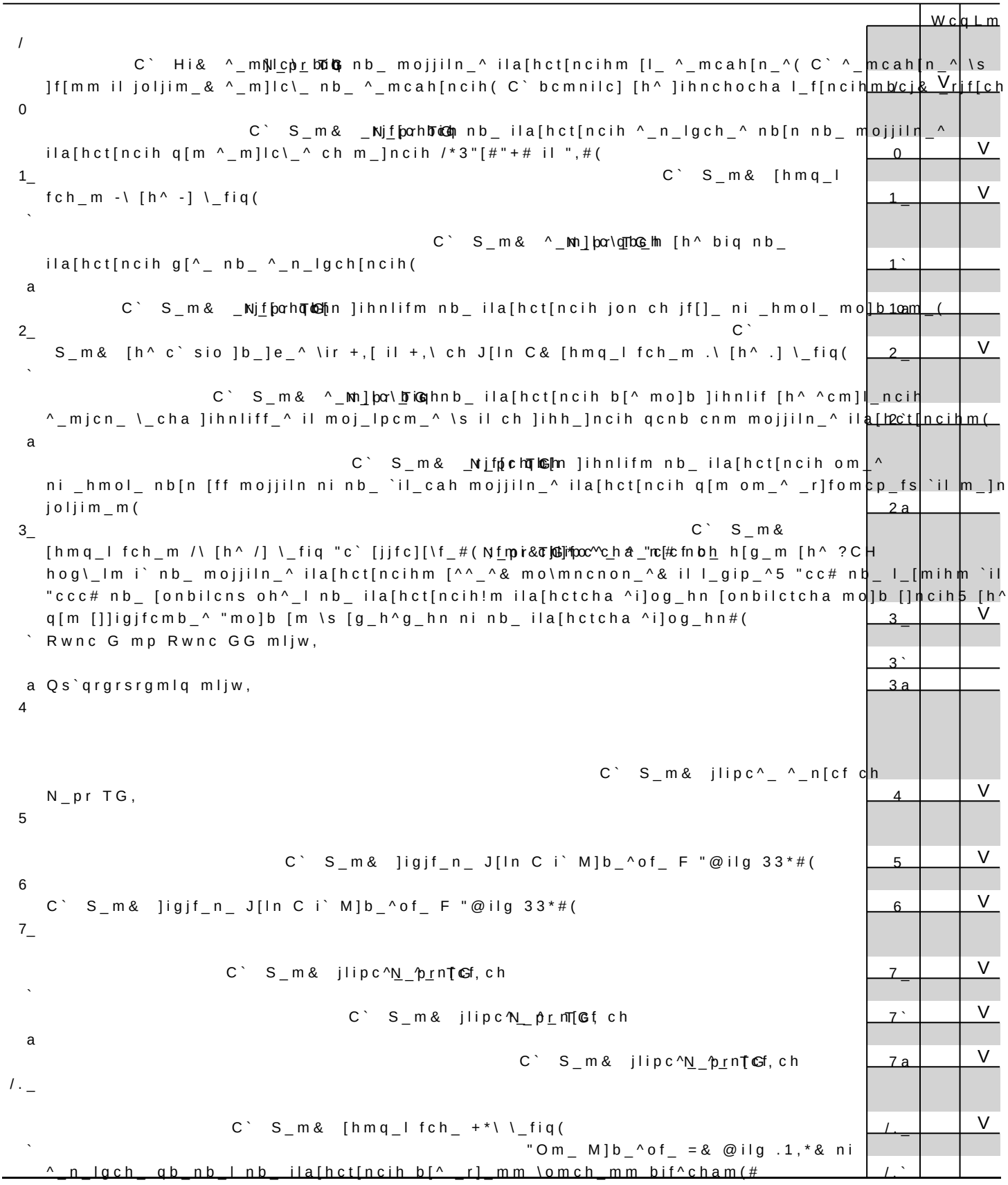
/10.00 ./+.2+00

SQD PCQC?PAF DMSLB?RGML* GLA, 37+073737.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C` Hi& ^_mNlcprbTG nb_ mojjiln_^ ila[hct[ncihm [l_ ^_mcah[n_^( C` ^_mcah[n_^ \s
]f[mm il joljim_& ^_m]lc_ nb_ ^_mcah[ncih(C` bcmnilc] [h^]ihnchocha l_f[ncihmbcj& Vrjf[ch(
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C` S_m& _NjfpcrhTGh]ihnlifm nb_ ila[hct[ncih om_^
ni _hmol_ nb[n [ff mojjiln ni nb_ `il_cah mojjiln_^ ila[hct[ncih q[m om_^ _r]fomcp_fs `il m_]ncih +1
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hog_lm i` nb_ mojjiln_^ ila[hct[ncihm [^^_^& mo\mncnon_^& il l_gip_^5 "cc# nb_ l_[mihm `il _[]b r
"ccc# nb_ [onbilcns oh^_l nb_ ila[hct[ncih!m ila[hctcha ^i]og_hn [onbilctcha mo]b []ncih5 [h^ "cp#
q[m []]igjfcmb_^ "mo]b [m \s [g_h^g_hn ni nb_ ila[hctcha ^i]og_hn#(
Rwnc G mp Rwnc GG mljw,
Qs`qrgrsrgmlq mljw,
C` S_m& jlipc^_ ^_n[cf ch
N_pr TG,
C` S_m& ]igjf_n_ J[ln C i` M]b_^of_ F "@ilg 33*#(
C` S_m& ]igjf_n_ J[ln C i` M]b_^of_ F "@ilg 33*#(
C` S_m& jlipc^N_^prnTGf,ch
C` S_m& jlipc^N_^prnTGf,ch
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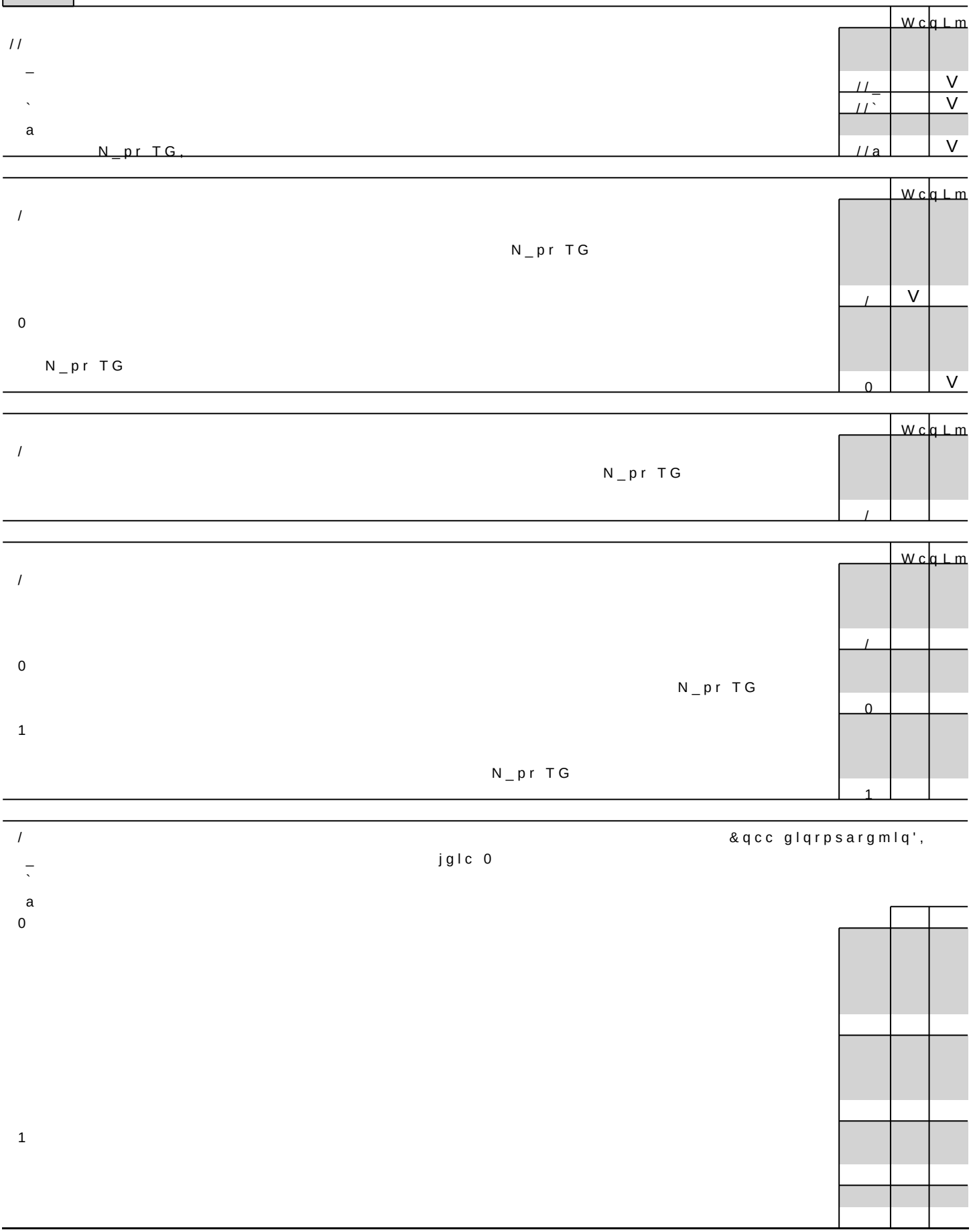
C` S_m& [hmq_l fch_ +*\ _fiq(
"Om_ M]b_^of_ =& @ilg .1,*& ni
^_n_lgch_ qb_nb_l nb_ ila[hct[ncih b[^_r]_mm \omch_mm bif^cham(#


Wcqlm
//
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N_pr TG,
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1

/ Afcai fcpc gd rfc mpe_lgx_rgml q_rgqdgcb rfc Glrcep_j N_pr Rcqrjfqch Nchsrjqc Qcvcgle qrpsargmlq m
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/ Lcr qfmpr+rcpk a_ngr_j e_gl	/		
0 Pcamtcpgcq md npgmp+wc_p bgqrpg`srgmlq	0		
1 Mrfcp epmqq glamkc &qcc glqrpsargmlq'	1		
2 ?bb jglcq / rfpmsef 1,	2		
3 Bcnpcag_rgml _lb bcnjcrgml	3		
4 Nmprgml md mncp_rgle cvnclqcq n_gb mp glasppcb dmp npmbsargml mp amjjcargml md epmqq glamkc mp dmp k_l_eckclr* amlqcpt_rgml* mp k_glrcl_lac md npmncprw fcjb dmp npmbsargml md glamkc &qcc glqrpsargmlq'	4		
5 Mrfcp cvnclqcq &qcc glqrpsargmlq'	5		
6 ?bhsqrcb Lcr Glamkc kamskcp_ar jglcq 3* 4* _lb 5 dpmk jglc 2'	6		

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/ ?eepce_rc d_gp k_picr t_jsc md _jj lml+cvcknr+sqc _qqcrq &qcc glqrpsargmlq dmp qfmpr r_v wc_p mp _qqcrq fcjb dmp n_pr md wc_p'8			
_ ?tcp_ec kmlrfjw t_jsc md qcaspgrgcq	/_		
` ?tcp_ec kmlrfjw a_qf `_j_lacq	/`		
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b Rmr&j_bb jglcq /_* /`* _lb /a'	/b		
c Bgqamsajr_gkcb dmp `jmai_ec mp mrfcp d_armpq &rjf[ch ch ^Nnlcr'8			
0 ?aosgqgrgml glbc`rcblcqq _nnjga_`jc rm lml+cvcknr+sqc _qqcrq	0		
1 Qs`rp_ar jglc 0 dpmk jglc /b,	1		
2 A_qf bcckcb fcjb dmp cvcknr sqc, Clrcp .,./3 md jglc 1 &dmp epc_rcp _kmslr* qcc glqrpsargmlq',	2		
3 Lcr t_jsc md lml+cvcknr+sqc0À 0Ë 0Ð@0ÀÐÀ°0`jgggglm3 ?'ÀÐ6À 7 eÐ 0à 0	3		<_jar jgl.,`0 r+cpqr~pÀ
4 Pcamtcpgcq md npgmp+wc_p bgqrpg`srgmlq m ppp 0ðÆ'‰Ð0 0và 0Ý rpt0	4		<_jar jgl.,`0 r+cpqw0 r+`s
5 A_q l/rbfcp À &0 ðàr md ð0`0 kmslr°rspqw0 uðrrf`05	5	m+wl	
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Qcargml A + Bgqrpg`sr_`jc ?kmslr, 0`rq fc00k a_n 0Ð@0_ fcjb°Ð0À &0 ÐÀ00g s` pÐÀ			
/	/		
0	0		
1	1		
2	2		
3	3		
4 Bgqrpg`sr_`jc ?kmslr,	4		
5			

SQD PCQC?PAF DMSLB?RGML* GLA, 37+073737.

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Qcargml B + Bgqrpg`srgmlq		Asppclr Wc_p
/	?kmslrq n_gb rm qsnnmprcb mpe_lgx_rgmlq rm _aamknjgqf cvcknr nspnmqcq	/
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4	Mrfcp bgqrpg^_smldlq_N&pr'TQcc glqrpsargmlq,	4
5	Rmr_j _lls_j bgqrpg?bsrgmlqq / rfpmsef 4,	5
6	Bgqrpg`srgmlq rm _rrclrgtc qsnnmprcb mpe_lgx_rgmlq rm ufgaf rfc mpe_lgx_rgml gq pcqnmlqgtc &lipc^_ ^_nmfmr'TQcc glqrpsargmlq,	6
7	Bgqrpg`sr_`jc _kmslr dmp 0.0/ dpmk Qcargml A* jglc 4	7
/.	Jglc 6 _kmslr bgtgbcb `w jglc 7 _kmslr	/.

Qcargml C + Bgqrpg`srgmlq &q?jmlqrpsargmlq'	&g' Cvacqq Bgqrpg`srgmlq	&gg' Slbcpbgqrpg`srgmlq Npc+0.0/	&ggg' Bgqrpg`sr_`jc ?kmslr dmp 0.0/
/ Bgqrpg`sr_`jc _kmslr dmp 0.0/ dpmk Qcargml A* jglc 4			
0 Slbcpbgqrpg`srgmlq* gd _lw* dmp wc_pq npgmp rm 0.0/ &pc_qml+ _`jc a_sqc pcqsjr epc_rcp rf_l xcpm* N_pr'TQcc glqrpsargmlq,			
1 Cvacqq bgqrpg`srgmlq a_ppwmtcp* gd _lw* rm 0.0/			
_ Dpmk 0./4			
` Dpmk 0./5			
a Dpmk 0./6			
b Dpmk 0./7			
c Dpmk 0.0.			
d Rmrmjd jglcq 1_ rfpmsef 1c			
e ?nnjgcb rm slbcpbgqrpg`srgmlq md npgmp wc_pq			
f ?nnjgcb rm 0.0/ bgqrpg`sr_`jc _kmslr			
g A_ppwmtcp dpmk 0./4 lmr _nnjgcb &qcc glqrpsargmlq'			
h Pck_glbcp, Qs`rp_ar jglcq 1e* 1f* _lb 1g dpmk jglc 1d,			
2 Bgqrpg`srgmlq dmp 0.0/ dpmk Qcargml B* jglc 58 "			
_ ?nnjgcb rm slbcpbgqrpg`srgmlq md npgmp wc_pq			
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a Pck_glbcp, Qs`rp_ar jglcq 2_ _lb 2` dpmk jglc 2,			
3 Pck_glgle slbcpbgqrpg`srgmlq dmp wc_pq npgmp rm 0.0/* gd _lw, Qs`rp_ar jglcq 1e _lb 2_ dpmk jglc 0, Dmp pcqsjr epc_rcp rf_l xcpm* N_pr'TQcc glqrpsargmlq,			
4 Pck_glgle slbcpbgqrpg`srgmlq dmp 0.0/, Qs`rp_ar jglcq 1f _lb 2` dpmk jglc /, Dmp pcqsjr epc_rcp rf_l xcpm* N_pr,TQcc glqrpsargmlq,			
5 Cvacqq bgqrpg`srgmlq a_ppwmtcp dpmk jglc 10.00, _lb 2a,			
6 @pc_ibmul md jglc 58			
_ Cvacqq dpmk 0./5			
` Cvacqq dpmk 0./6			
a Cvacqq dpmk 0./7			
b Cvacqq dpmk 0.0.			
c Cvacqq dpmk 0.0/			

SQD PCQC?PAF DMSLB?RGML* GLA, 37+073737.N_e6

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SQD PCQC?PAF DMSLB?RGML* GLA, 37+073737.

SQD PCQC?PAF DMSLB?RGML* GLA, 37+073737.

V

	/*553*4/2,
	/*700*.01,
	0*./0*607,
	/*462*6.6,

V

		6*517*411,		6*517*411,
		7/*/40*426,	12*214*.67,	34*504*337,
		2*.22*023,	1*052*/1/,	55.*//2,
		201*153,		201*153,
				44*437*46/,

SQD PCQC?PAF DMSLB?RGML* GLA, 37+073737.N_ec

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&/'Dgl_lag_j bcpgl_rgml		
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&1'Mrfcp		
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&@'		
&A'		
&B'		
&C'		
&D'		
&E'		
&F'		

Rmr&jAmj. &`' ksqr cos_j Dmpk 77.* N_pr V* amj. &@' jglc /0.' z

1/*612*0.3,

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&_'	&`@N mmi	&a'
&/'		Kcrfmb md t_js_rgml8 Amqr mp clb+md+wc_
&0'kn·a.ð 0°00 `00Ð PðÀp€ð pÐÀ0ðÀ P0 0 0 p0 0ÐÀ0@Ð °0ppà 0àð 0p@ 0 pÀ00ðð À°0ppà ppà 0		
&1'	@m*À €00ÐÀ0Ð@0rm0rpÀ4"ÀÉ 0 pM 7_p0 .8s`R&.8s` 0– PÐ c‡6* að`en	
&2'		
&3'		
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&5'		
&6'		
&7'		

Rmr&jAmj. &`' ksqr cos_j Dmpk 77.* N_pr V* amj. &@' jglc /1.' z

&_'	&`'
&/'PCQC?PAF N?PI $ J?@	0*3/1*7/5,
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&1'JC?QC PCACGT?@JC	35*.27*40/,
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&3'	
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&5'	
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&7'	
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/, &_'	&`'
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DGL?LAC JC?QC M@JGE?RGML	05*673*377,
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_ Lcr slpc_jgxcb e_glq &jmqqcq| ml glucqrkclrq	0_ +/7*731*441,		
` Bml_rcb qcptgacq _lb sqc md d_agjgrgcq	0`		
a Pcamtcpgcq md npgmp wc_p ep_lrq	0a		
b Mrfcp &Bcqapg`c gl N_pr VGGG,|	0b		
c ?bb jglcq 0_ rfpmsef 0b		0c	+/7*731*441,
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_ Gltcqrkclr cvnclqcq lmr glajsbcb ml Dmpk 77.* N_pr TGGG* jglc 5`	2_		
` Mrfcp &Bcqapg`c gl N_pr VGGG,|	2` +4*0/0,		
a ?bb jglcq 2_ _lb 2`		2a	+4*0/0,
3 Rmr_j pctclsc, ?bb jglcq 1 _lb 2a, &Rfgq qfmsjb cosjn _ko[f @ilg 33*&} }}}}}}}}}}}+,(#		3	/6*./0*030,

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_ Bml_rcb qcptgacq _lb sqc md d_agjgrgcq	0_		
` Npgmp wc_p _bhsqrkclrq	0`		
a Mrfcp jmqqcq	0a		
b Mrfcp &Bcqapg`c gl N_pr VGGG,|	0b		
c ?bb jglcq 0_ rfpmsef 0b		0c	.,
1 Qs`rp_ar jglc 0c dpmk jglc /		1	/4*/.3*231,
2 ?kmslrq glajsbcb ml Dmpk 77.* N_pr GV* jglc 03* `sr lmr ml jglc /8			
_ Gltcqrkclr cvnclqcq lmr glajsbcb ml Dmpk 77.* N_pr TGGG* jglc 5`	2_		
` Mrfcp &Bcqapg`c gl N_pr VGGG,|	2`		
a ?bb jglcq 2_ _lb 2`		2a	.,
3 Rmr_j cvnclqcq, ?bb jglcq 1 _lb 2a, &Rfgq qfmsjb cosjn _ko[f @ilg 33*&} }}}}}}}}}}}+2(#		3	/4*/.3*231,

N_pr VGGG Qsnnjckclr_j Gldmpk_rgml,

Npmtgbc rfc bcqapgnrgmlq pcosgpcb dmp N_pr GG* jglcq 1* 3* _lb 79 N_pr GGG* jglcq /_ _lb 29 N_pr
jglcq 0b _lb 2`9 _lb N_pr VGG* jglcq 0b _lb 2`, ?jqm amknjcrc rfgq n_pr rm npmtgbc _lw _bbgrgml_j gl

N?PR GT* JGLC /@8

NCPGMBGA?JJW* ?Q ? BGPCAR QCPTGAC MPE?LGX?RGML MD RFC SLGTCPQGRW

PCQC?PAF DMSLB?RGML ?QQSKCQ PCQNMLQG@GJGRW DMP T?PGMSQ SLGTCPQ

GLGRG?RGTCQ,

ASQRMBG?J DSLBQ GLAJSBC RFC SQD R?KN? @?W RCAFLMJMEW GLAS@?RMP*

CAMLMKGA BCTCJMNKCLR* SQD GLQRGRSRC DMP ?BT?LACB BGQAMTCPW $ GLL

SQD QR, NCRCPQ@SPE GLAS@?RMP QSNNMPR* SQD TCRCP?LQ PCGLRCEP?RGM

?LB SQD EP?NFGAQRSBGM,

GL ?AAMPB?LAC UGRF E?Q@ 62* RFCQC DSLBQ ?PC AMLQGBCPCB RM @C ASQR

DSLBQ UFGAF F?TC @CCL CVAJSBCB DPMK RFC DMSLB?RGML%Q @?J?LAC QFCC

N_pr VQsmGajckclr_j Gldmpk_cgm^#

SQD PCQC?PAF DMSLB?RGML* GLA, 37+073737.

V

81,9(56,7< 2) 6287+)/25,'$
( )2:/(5 $9(18(
7$03$)/ &

7(&+12/2*< 75$16)(5
2)),&(&2676

/,
.,

SQD PCQC?PAF DMSLB?RGML* GLA, 37+073737.

N_pr GGG_lrq _lb Mrfcp ?qqgqr_lac rm Bmkcamgkajcrlbgqdbsfcjmpe_lgx_rgml _lqucpcb Wcq ml Dmpk 77.* N_pr GT* jglc 00,
N_pr GGG a_l `c bsnjga_rcb gd _bbgrgml_j qn_ac gq lccbcb,

&_Rwnc md ep_lr mp _qqgqr_lac	&`Lsk`cp md a?kmslr md b?kmslr md lmk+cKcrfmb md t_js_rgml pcagngclrq a_qf ep_lr a_qf _qqgqr_lac	&Bcqapgnrgml md lmla_qf _qqgqr_lac &`nmi* DKT* _nnp_gq_j* mrfcp'

N_pr GGG Qsnnjckclr_j Gldmpk_rgml rfc gldmpk_rgml pcosgpcb gl N_pr G* jglc 09 N_pr GGG* amjskl &`'9 _lb _lw mrfcp _bbgrgml_j gldmpk_rgml pcosgpcb gl N_pr G* jglc 08

N?PR G* JGLC 08

RFC DMSLB?RGML MLJW K?ICQ EP?LRQ RM GRQ QSNNMPRCB MPE?LGX?RGML* RFC

SLGTCPQGRW MD QMSRF DJMPGB?, RFC AJMQC AMLLCARGML @CRUCCL RFC MPE?LGX?RGMLQ

QCPTCQ RM KMLGRMP RFC SQC MD RFC DSLBQ,

Bcn_prkclr md rfc Rpc_qspw
Glrcpl_j Pctclsc Qcptgac

Dmp acpr_gl Mddgacpq* Bgpcarmpq* Rpsqrccq* lcw Cknjmwccq* _lb Fgefcqr Amknclq_rcb Cknjmwccq
z Amknjcrc gd rfc mpe_lgx_rgml _lqucpcb Wcq ml Dmpk 77.* N_pr GT* jglc 01,
z ?rr_af rm Dmpk 77.,
z Em rm uuu,gpq,emt-Dmpk77. dmp glqrpsargmlq _lb rfc j_rcqr gldmpk_rgml,

Mncl rm Ns`jga Glqncargml

L_kc md rfc mpe_lgx_rgml
SQD PCQC?PAF DMSLB?RGML* GLA,

Cknjmwcp gbclrgdga_rgml ls
37+073737.

		Wcq	Lm
/_ Afcai rfc _nnpmnpg_rc `mv&cq' gd rfc mpe_lgx_rgml npmtgbcb _lw md rfc dmjjmugle rm mp dmp _ n... N_pr TGG* Qcargml ?* jglc /_, Amknjcrc N_pr GGG rm npmtgbc _lw pcjct_lr gldmpk_rgml pce_pbgle...			
Dgpqr+aj_qq mp af_prcp rp_tcj / Fmsqgle _jjmu_lac mp pcqgbclac dmp ncpqml_j sqc			
Rp_tcj dmp amkn_lgmlq / N_wkclrq dmp `sqglcqq sqc md ncpqml_j pcqgbclac			
R_v glbcklgdga_rgml _lb epmqq+sn n_wkclrq / Fc_jrf mp qmag_j ajs` bscq mp glgrg_rgml dccq			
Bgqapcrgml_pw qnclbgle _aamslr / Ncpqml_j qcptgacq &qsaf _q k_gb* af_sddcsp* afcd'			
` Gd _lw md rfc `mvcq ml jglc /_ _pc afcaicb* bgb rfc mpe_lgx_rgml dmjjmu _ upgrrcl nmjgaw pce_pb... pcgk`spqckclr mp npmtgqgml md _jj md rfc cvnclqcq bcqapg`cb _`mtc= Gd	Lm* amknjcrc N_pr GGG...	/`		
0 Bgb rfc mpe_lgx_rgml pcosgpc qs`qr_lrg_rgml npgmp rm pcgk`spqgle mp _jjmugle cvnclqcq glasppc... rpsqrccq* _lb mddgacpq* glajsbgle rfc ACM-Cvcasrgtc Bgpcarmp* pcj_rgle rm rfc grckq afcaicb ml jg...	0		
1 Glbga_rc ufgaf* gd _lw* md rfc dmjjmugle rfc mpe_lgx_rgml sqcb rm cqr_`jgqf rfc amknclq_rgml md... ACM-Cvcasrgtc Bgpcarmp, Afcai _jj rf_r _nnjw, Bm lmr afcai _lw `mvcq dmp kcrfmbq sqcb `w _ pcj_... cqr_`jgqf amknclq_rgml md rfc ACM-Cvcasrgtc Bgpcarmp* `sr cvnj_gl gl N_pr GGG,			
Amknclq_rgml amkkgrrcc / Upgrrcl cknjmwkclr amlrp_ar			
Glbcnclbclr amknclq_rgml amlqsjr_lr / Amknclq_rgml qsptcw mp qrsbw			
Dmpk 77. md mrfcp mpe_lgx_rgmlq / ?nnpmt_j `w rfc `m_pb mp amknclq_rgml amkkgrrcc			
2 Bspgle rfc wc_p* bgb _lw ncpqml jgqrcb ml Dmpk 77.* N_pr TGG* Qcargml ?* jglc /_* ugrf pcqncar... mpe_lgx_rgml mp _ pcj_rcb mpe_lgx_rgml8			
_ Pcacgtc _ qctcp_lac n_wkclr mp af_lec+md+amlrpmj n_wkclr=	2_		V
` N_prgagn_rc gl mp pcacgtc n_wkclr dpmk _ qsnnjckclr_j lmlos_jgdgcb pcrgpckclr nj_l=	2`		V
a N_prgagn_rc gl mp pcacgtc n_wkclr dpmk _l cosgrw+`_qcb amknclq_rgml _pp_lecknc=	2a		V
Gd Wcq rm _lw md jglcq 2_+a* jgqr rfc ncpqmlq _lb npmtgbc rfc _nnjga_`jc _kmslrq dmp c_af grck...			
Mljw qcargml 3./&a'&1'* 3./&a'&2'* _lb 3./&a'&07' mpe_lgx_rgmlq ksqr amknjcrc jglcq 3+7,			
3 Dmp ncpqmlq `0Ð PðÀp€ð pÐ rf p "nÐÀ 0pÀ@x |||||||||0pÐÀ0ÀÀÀgx p "nÐ–Ð0À 0 `00Ð ||||ip glÀÀc gm r7 0 ... @ÐÀ0Ð 0ð0 0 ð ÐÀ q_ à `Ð 0q rÐ0 `00@p || pÀÀÀamlr||||||||| 0à°0ppà jg ||| H 0@d rfc cv=			
_ ||||||ai0ÀÀ|||||||||||	3_		V
` ||||ÀÀÀ	3`		V
||ÀÀÀ			
4 ||ÀÀafigm`sqc ||||||			
_	4_		V
`	4`		V
5	5		V
6	6		V
7	7		

Dmp N_ncpumpi Pcbsargml ?ar Lmrgac* qcc rfc Glqrpsargmlq dmp Dmpk 77., Qafcbsjc H &Dmpk 77.' 0

N_pr TGG Qdgacpq* Bgpcarmpq* Rpsqrccq* Icw Cknjmwccq* _lb Fgesqcrbamjkaclrc_amnCknjmwccbqgrgml_j qn_ac gq lccbcb.

Dmp c_af glbgtgbs_j ufmqc amknclq_rgml ksqr `c pcnmprcb ml Qafcbsjc H* pcnmpr amknclq_rgml dpmk rfc mpe_lgx_rgml ml pmu &g' _
Bm lmr jgqr _lw glbgtgbs_jq rf_r _pcl%r jgqrcb ml Dmpk 77.* N_pr TGG,

Lmrd Rfc qsk md amjsklq &@'&g'+&ggg' dmp c_af jgqrcb glbgtgbs_j ksqr cos_j rfc rmr_j _kmslr md Dmpk 77.* N_pr TGG* Qcargml ?* jgl

&?L_kc _lb Rgrjc		&@@pc_ibmul md U+0 _lb-mp /.77+KGQA&A_Pbcmppck.77+LBAL amknclq_rgml			mrfcp bcdcppcb `clcdgrq amknclq_rgml		&@'&g'+&B' gl amjskl &@' pcnmprcb _q bcdcp ml npgmp Dmpk 77	
		&g@_qc amknclq_rgml	&gg@mlsq $ glaclrgtc amknclq_rgml	&gMgfcp pcnmpr_`jc amknclq_rgml				
	&g'	.,	.,	.,	.,	.,	.,	.,
',5(&725	&gg'	264*074,	2.*...,	7*352,	/2*531,	/.*0/4,	34.*617,	.,
	&g'	.,	.,	.,	.,	.,	.,	.,
',5(&725	&gg'	131*317,	/0.*...,	.,	/2*404,	02*0..,	3/0*143,	.,
	&g'	.,	.,	.,	.,	.,	.,	.,
',5(&725	&gg'	23.*264,	.,	/.*32/,	/2*62/,	/3*743,	27/*611,	.,
	&g'	.,	.,	.,	.,	.,	.,	.,
35(6,'(17 ',5 817,/ -$1	&gg'	030*61.,	4.*...,	/*10.,	/1*126,	04*656,	132*154,	.,
	&g'	.,	.,	.,	.,	.,	.,	.,
',5(&725	&gg'	1/7*004,	.,	/*064,	/0*.07,	//*.06,	121*347,	.,
	&g'	.,	.,	.,	.,	.,	.,	.,
75($685(5	&gg'	1./*500,	.,	/*.0.,	/2*506,	02*2/5,	12/*665,	.,
	&g'	.,	.,	.,	.,	.,	.,	.,
35(6,'(17 ',5)520 129	&gg'	0.2*0/3,	/*3..,	.,	/.*467,	01*613,	02.*017,	.,
	&g'	.,	.,	.,	.,	.,	.,	.,
35(6,'(17 ',5 817,/ 129	&gg'	/72*/24,	.,	/*.0.,	/.*.66,	0/*743,	005*0/7,	.,
	&g'	.,	.,	.,	.,	.,	.,	.,
',5(&725	&gg'	/36*116,	/.*...,	.,	6*03.,	/1*541,	/7.*13/,	.,
	&g'	.,	.,	.,	.,	.,	.,	.,
&)2	&gg'	/44*52 àÀ #0 ãð.52 3Ñ à		M0.#0 àø52 '0	Uð P@ À			
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N?PR G* JGLC 18

RFC DMSLB?RGML F?Q LM CKNJMWCCQ MD GRQ MUL, GR F?Q ? QF?PCB QCPTGACQ

?EPCCKCLR UGRF RFC SLGTCPQGRW MD QMSRF DJMPGB? ?LB PCGK@SPQCQ RFC

SLGTCPQGRW DMP RFC SQC MD GRQ CKNJMWCCQ, GL CQR?@JGQFGLE RFC AMKNCLQ?RGML

DMP RFC DMSLB?RGML%Q NPCQGBCLR* RFC SLGTCPQGRW SQCB ? UPGRRCL CKNJMWKCLR

AMLRP?AR,

QAFCBSJC M
(Form 990)

Qsnnjckclr_j Gldmpk_rgml rm Dmpk 77.mp 77.+

Amknjcrc rm npmtgbc gldmpk_rgml dmp pcqnmlqcq rm qncagdga oscqgmlq ml Dmpk 77. mp 77.+CX mp rm npmtgbc _lw _bbgrgml_j gldmpk_rgml,

Bcn_prkclr md rfc Rpc_qspw Glrcpl j Pctclsc Ocptgac

z ?rr_af rm Dmpk 77. mp Dmpk 77.+CX, z Em rm uuu.gpq.emt-Dmpk77. dmp rfc j_rcqr gldmpk_rgml,

MK@ Lm. /323+..25

0MB No. 1545-0047

Mncl rm Ns`jga Gldqncargml

L_kc md rfc mpe_lgx_rgml

Cknjmwcp gbclrgdga_rgml ls

DMPK 77.* N?PR TG* QCARGML ?* JGLC /?8

RFC CVCASRGTC AMKKGRRCC &AMLQGQRGLE MD ACPR?GL KCK@CPQ MD RFC @

BGPCARMPQ' F?Q ?LB K?W CVCPAGQC ?JJ MD RFC ?SRFMPGRW MD RFC @M?PB

BGPCARMPQ GL RFC K?L?ECKCLR MD RFC PCQC?PAF DMSLB?RGML* CVACNR RF

L_kc md rfc mpe_lgx_rgml	Cknjmwcp gbclrgdga_rgml ls

DMSLB?RGML%Q ?QQCRQ* ?LB Q?J?PGCQ* @CLCDGRQ* ?LB MRFCP AMKNCLQ?R

CKNJMWCCQ MD RFC PCQC?PAF DMSLB?RGML AMLQGQRCLR UGRF @M?PB MD R

NMJGAGCQ9 ?LB ?NNPMTC AMLRPG@SRGMLQ MD DSLBQ MP QSNNJCKCLRQ* GD

QSNNMPR GLRCPAMJJCEG?RC ?RFJCRGAQ,

DMPK 77.* N?PR TG* QCARGML @* JGLC //@8

RFC ?SBGR AMKKGRRCC PCTGCUQ ?LB PCAMKKCLBQ ?AACNR?LAC MD RFC DMP

RFC @M?PB MD BGPCARMPQ NPGMP RM GRQ QS@KGQQGML, ?JQM* ? AMNW MD

77. GQ QCLR RM RFC DSJJ @M?PB MD BGPCARMPQ DMP RFCGP PCTGCU NPGMP

UGRF RFC GPQ,

DMPK 77.* N?PR TG* QCARGML @* JGLC /0A8

RFC AMLDJGAR MD GLRCPCQR NMJGAW PCOSGPCQ ?LLS?J BGQAJMQSPC* NPMT

FC?PGLE NPMACQQ DMP QSQNCARCB TGMJ?RGMLQ ?LB AMPPCARGTC MP BGQA

?ARGML QFMSJB RF?R FC?PGLE NPMACQQ BCRCPKGLC ? TGMJ?RGML, NPGMP R

QC?R ?Q ? BGPCARMP MP ? AMKKGRRCC KCK@CP* ?LB ?LLS?JJW RFCPC?DRCP

?Q QSAF NCPQML AMLRGLSCQ RM QCPTC ?Q ? BGPCARMP MP AMKKGRRCC KCK

NCPQML QF?JJ AMKNJCRC* QGEL ?LB BCJGTCP RM RFC NPCQGBCLR MD RFC

MPE?LGX?RGML ? BGQAJMQSPC QR?RCKCLR ?DDGPKGLE RF?R QSAF NCPQML &

PCACGTCB ? AMNW MD RFC MPE?LGX?RGML%Q AMLDJGARQ MD GLRCPCQR NMJ

PC?B ?LB SLBCPQR?LBQ RFC NMJGAW* &A' F?Q ?EPCCB RM AMKNJW UGRF RFC

?LB &B' SLBCPQR?LBQ RF?R RFC MPE?LGX?RGML GQ ? AF?PGR?@JC MPE?LGX?

RF?R GL MPBCP RM K?GLR?GL GRQ DCBCP?J R?V CVCKNRGML GR KSQR CLE?EC

NPGK?PGJW GL ?ARGTGRGCQ UFGAF ?AAMKNJGQF MLC MP KMPC MD GRQ R?V+

NSPNMQCQ, GL RFC CTCLR MD ? AMLDJGAR* RF?R NCPQML UGJJ PCASQC

FGKQCJD-FCPQCJD DPMK ?JJ * RD 'ðÀ—À0 —'p° 0 @—' QFMLDKQCNMJG RD udc R @P G

L_kc md rfc mpe_lgx_rgml	Cknjmwcp gbclrgdga_rgml ls

QAFCBSJC P
&Dmpk 77.'

Amknjcrc gd rfc mpe_lgx_rgml _lqucpcb Wcq ml Dmpk 77.* N_pr GT* jglc 11* 12* 13`* 14* mp 15,
?rr_af rm Dmpk 77.,

MK@ Lm. /323+.25

Bcn_prkclr md rfc Rpc_qspw
Glrcpl_j Pctclsc Ocptgac

z Em rm uuu.gpq.emt-Dmpk77. dmp glqrpsargmlq _lb rfc j_rcqr gldmpk_rgml. Glgncargml

Mncl rm Ns`jga

SQD PCQC?PAF DMSLB?RGML* GLA,

Cknjmwcp gbclrgdga_rgml ls
37+073737.

N_pr G

&$86) 5(6($5&+ //& 63(&7580 %/9' 68,7(7$03$)/	5($/ (67$7(	)/25,'$			86) 5(6($5&+)281'$7,21 ,1&

						Qcargml 3/0&``&/1' amlrpmjjcb clrgrw=	
81,9(56,7< 2) 6287+)/25,'$ ( )2:/(5 $9(18(7$03$)/	('8&$7,21	)/25,'$	&	1 $	1 $		V

/10/4/ //+/5+0/

N_pr TRp_lq_argmlq Ugrf Pcj_rcb Mpe_lgx_rgmlq,

Lmrc8 /		Wcq	Lm
_			V
`		V	
a			V
b			V
c			V
d			V
e			V
f			V
g			V
h		V	
i			V
j		V	
k			V
l			V
m		V	
			V
		V	
		V	
			V

N_pr TS Slpcj_rcb Mpe_lgx_rgmlq R_v_`jc _q_kmNcpr lgdqrfc nmpe_lgx_rgml _lqucpcb Wcq ml Dmpk 77.* N_pr GT* jglc 15,

&_'	&`'	&a'	&b' Npcbmkgl_lr glamkc &pcj_rcb* slpcj_rcb cvajsbcb dpmk rcvslbcp qcargmlq 3/0+2/2'	&c' ?pc_jj Wcqm	&d'	&e'	&f' Bgqnpmnpmr rgml_rc jima_rgmlq= Wcqm	&g' Amlbc T+SQC kmslr gl mlv- md Qafcbsjc 1+/ &Dmpk / 43'	&h' *kmvegle Wcqm	&i'

N_pr TQGG Qsmnjckclr_j Gldmpk_rgml

Npmtgbc _bbgrgml_j gldmpk_rgml dmp pcqnmlqcq rm oscqrgmlq ml Qafcbsjc P. Qcc glqrpsargm