

O ÷C^H D ě Ž IP / ± ĩ ~ ´ 2019 (~ μ

IP .7 Æ 082702 2019-2023 ^a › œF8+^ _____

3. AôAx6 @ é ĩ ~ Æ73 UAôAxJ¾ / C xO ÷ Ý ÷ 0AL\$NÎ,°@ é ĩ ~ ,
AôAx% CéO ÷ 0A,°315 = 8°#w0A C^H Ý | , -73 U ^AôAx)â8, c %)æ Q æ
EAü ,69<†/t P = › í = ĵ ž =# Á = ½ L)â 11• 3V >

4. .J0¬ Æ73 U 0 Ä0 œ Ö* < ¬Gý+^0 œ ĩ# / C xO ÷ Ý ÷ 0A =C^H ĵ
ž1x* < D Ý IL\$NÎF >, J0¬ ,; "AôAx D 6 ‹ ÔPÂ = < Æ D@ H | æ = ¬FPEý
¥52 > Í f >* < ? ~,°5 Ađ >

5. µ+^)æ - Æ73 UJ¾ / C xO ÷ 0AL\$NÎ , 6 =F? D µ+^ | %,°
¶ e =Cz\$Æ =)æ ž ÂAx1Í p ¶ e - ,; " / Ý ÷ Ö Eý0A,°* < AđN°#• D W
< Æ , -73 U* < @ ¬F8+^99 * — , >

6. 0A D/t P Æ73 U 0 ÄO ÷-. ©7 ¥. AüF >, >* < Æ , Aú -O ÷ P
ÔD+ D C x 0AL\$NÎ@ é ĩ ~ //t P = › í = ĵ ž =# Á ½ L,° § , ¬* <
@ Ê µ û,°CY 1 >

7.)â 1 Â % 75# ‹ Æ73 U* < @ Â Aú -J¾ / C xO ÷ 0AL\$NÎ,° 0A ÔD+
/)â 1 =/t P % 75# ‹,° § >

8. 6, P?ú99 Æ - ? đ ½/t P0 œ3V ± =/t PCY 1 U ,73 U ^O ÷ 0A ÔD+
c* < @ ¬F« ¾ 0A6, PF%o í Â?ú99 , ›>,-. Ê,°CY 1 Â • x >

9. ` đ Â LU Æ* < @ Â @H - r = ?ø&i,° P m] ,73 U ^ P œ0 7 ¥ A,°
LU c µ û ` %o = LU F Ž CUCY đ,°@ 8" >

10. "ÖFP Æ73 U gO ÷+U Ý D#wFPEý0A c,° C x 0AL\$NÎ O ÷C^H D ĵ
žL\$NÎ D P+, B>, /t P ç MF >, ? ~"ÖFP Â Ú#w ,; " æ ĩ Ú € ÂAôAx ½0u =
L~F& @6 =\$; |>žÊô L Ê = , ¬ - = 6 Đ,° 3 L{?üH Â L ½"j © ,73 U ^D
½ L7 ¥ AF >,"ÖFP Â Ú#w >

11. N^- \$1x* < Æ* < @ ¬ Â O ÷ 0A N^- \$,°1x* < Ö* < D5 #,, é1œ ĩ# ,
¬73 ^ P œ0 ÔD+)â 1 cF >, Ê+^ >

12. 4pDá œ - Æ - ?8 q œ - Â4pDá œ -,° EAü , ? C ã œ - ÂF8 Ê)â 1
‹,°73 Ñ >

? = " P œ < ? . " x

1 °' P 6 „? . " x 167 œ < , ¬ cB4 8 • œ 138 œ < , ÔD+ • œ)â8, 29 œ < , œ
< ° F ø? ÷ , A>ž >

B40A2± a		œ < ı	v – " Á	=#		
B4 8 • œ	û	αFP § BB4	35.5	21.2%	œ <	
	\$	œ0 § BB4	48	28.7%		
	B4	I P n ùB4	18	10.8%		
	F? \$ B4	I P F? \$ B4	ï G 6 Æ I PL†F? B4	8.5	43.7%	qM6F? \$ 18.5 œ < ' ñ cL†F?B4 8.5 œ < , ñ ï G I P F? \$B4 10 œ < μ
			ï G Â Æ 0 0.v	9		
			ï G ? Æ I P B4 ‹	32.5		
			ï G Æ ‹2± ñ	11		
			ï G Ê Æ|07 ¥	11		
	F? \$ B4	FP Aü F? \$ B4	W•6 ½ œ¼ ((œ W•	12	7.3%	
			W•Â 8° e Í• ½ L			
W•? 5 #, 1x*<# Á						
W• ï' AÚ. >žEô						
W•Ê 8'l 0A ¶ e						
W•£ Q æ Q E Q P						
`] LB40A		6	3.6%			
ÔD+ •œ)â8,	Ñ Á ¶73		2	17.4%	§ 29 œ <	
	]œ LB# ÔD+		0.5		
	S) u"ñ*<AðB4/t P ÔD+		2			
	H Ô –		1			
	0AAã4ù		1			
	I PAÚ. Ô –		0.5			
	+U Ý Ô –		1			

E» \$ œ < qAx	30	$\neg c \wedge I PF? \$$ $B40A c \hat{u}N \pm \%7$ $\text{œ} < \neg c I P L \dagger$ $F?B44.5 \text{œ} < , \neg$ $I P F? \$B42.5$ $\text{œ} < \mu$
I œ < qAx	55	$\neg c \wedge I PF? \$$ $B40A c \hat{u}N \pm \%7$ $20 \text{œ} < \neg c I$ $PL \dagger F?B44.5 \text{œ}$ $< , \neg I P F? \$$ $B415.5 \text{œ} < \mu$

2. FPAüF? \$12 œ < c?."x ½ œ ¼ ((œ \$B11 œ < , 5 #,, 1x* < # Á \$ B11 œ < , Q æ Q E Q P W • c \$B1 1 œ < , - • 8 F? >

3. `] LB40A % ^ ž W 6B4,°B40A = 3 » L ^4õ 6 tB40A © &,°B40A cF? ,
 • % +^1b Â W # "x œ L ø D 3L{ L Ú#w v9í œ < 5 ~ ,0Aä I PF? \$B4 W • cF? >

$$= \$ P^a L \dagger D \frac{3}{4} \frac{3}{4} \text{œ} f$$

0 b œ l 4 a , o] œ l 3-6 a , Q P œ + U 6Kµ œ - a L \dagger p 8 a > 1 \> — ,
 ,° œ + U ¾ ¾ œ œ ! œ f > " P ¾ ¾ ,° œ f • 6èG E ¶FPQ 1• œ W b0 I P
 -\$ < ' 2012 a µ F p ü > µ

$$\hat{E} = I P n \hat{u} B40A$$

< \dagger O ÷ œ = O ÷ : [± + U (ÿ œ = O ÷ ÷ C^ œ = O ÷ U Î0 œ (a ÔPÂ) = O ÷
 C^H ¿ ž - -™ Â1x* < = O ÷ öPÂ œ = O ÷ j + U œ = O ÷ ä + U (ÿ œ öPÂ = O ÷ C^H
 ¿ ž !FU ö#• Ô* < ¶ e (a ÔPÂ) = 7 P1x* < œ >

$$\pounds = q? \cdot \hat{O}D+ \cdot \text{œ} \text{å}8,$$

Ñ Á ¶73 =] œ LB# ÔD+ = S) u " ñ * < A ð B4 / t P ÔD+ # I Ô - = 0AAã4ù =
 I PAÚ. Ô - ð U Ý Ô - ð P Ô - = Q æ D Q P ð VC^ < = I P n ù] ÔPÂ =
 " PAð ½

$$9 = B40A D" P + U73 Ñ ? \cdot "x / \hat{E} \text{©}31 > \text{ž}$$

Á -	" P?."x	1	2	3	4	5	6	7	8	9	10	11	12
	B40A2± a C0&												
¶FP § BB4													

Å -	" P?."x B40A2± a C0&	1	2	3	4	5	6	7	8	9	10	11	12
		1	S)F%o í \$ ± D# Á 0.v						L		H		
2	" #3 R S) Â c 3(8"/t P q •*<Ađ %o31 ,Ađ								H				
3	Pç • S q • 0 b Õ* < ,Ađ								H				
4	c 3F)æ (4è?·								H				
5	~ õ D u10E •6è ´ 1 µ								H				M
6	~ õ D u10E •6è ´ 2 µ								H				M
7	Ñ Á* <Ađ								H				
8	%o6ě 6)									H			
9	%o6ě Â)									H			
10	%o6ě ?)												

Å -	" P?."x B40A2± a C0&	1	2	3	4	5	6	7	8	9	10	11	12
		38	O ÷ ÷C^ œ	H		M		L	M				
39	O ÷ U Î0 œ (a ÔPÂ)	H			M	L	M						
40	O ÷ C^H ě ž- -™ Â1x*<	H		M			M	L				L	
41	O ÷ öPÂ œ	H	M	L		L							
42	O ÷ j+U œ			H			M	M			L		
43	O ÷ ä+U(ÿ œ öPÂ												

Å - " P?."x
B40A2± a C0& 1 2 3 4 5 6

\$B4									
`]L B40A	`]LB40A % ^ ž W 6B4,°B40A = 3 » L ^4đ 6 tB40A © &,°B40A cF? ,•% +^ 1b Â W # "x œ L ø D 3L{ L Ú#w v9í œ < 5 ~ , 0Aä I PF? \$B4 W • cF? >								

" = I P • œAx HF 0A>ž ´ E» \$ = I P • œAx HF 0A>ž µ

B40A 2± a	B40A -	B40A C0&	0Aä \$B1 œ U	œ <	œ , <Gf>ž			ž B4 ,	E» \$ B4	Â I PB4	
					*<Ađ	ÔPÂ	Ô -				
B4 8 • œ	ú FP \$ B4 B B4	IPT001	S)F%o í \$ ± D# Á 0.v	6 1	3	48	0	0	3	\	\
		IPT002	" #3 R S) Â c 3(-8"/t P q •*<Ađ %o31 ,Ađ	Â 2	4	64	0	0	4	\	\
		IPT003	Pç• S q • 0 b Ö*< ,Ađ	Â 2	3	48	0	0	3	\	\
		IPT004	c 3F)æ (4è?.	6 2	2	32	0	0	2	\	\
		IPT006	~ õ D u1œ •6è ´ 1 µ	6 1	1	16	0	0	1	\	\
		IPT007	~ õ D u1œ •6è ´ 2 µ	6 2	1	16	0	0	1	\	\
		MPE001	Ñ Á*<Ađ	6 1	2	36	0	0	2	\	\
		MPE003	%o6è 6)	6 1	1	0	0	32	2	\	\
		MPE004	%o6è Â)	6 2	1	0	0	32	2	\	\
		MPE005	%o6è ?)	Â 1	1	0	0	32	2	\	\
		MPE006	%o6è)	Â 2	1	0	0	32	2	\	\
		MHC001	]œ+U ù*< > í •6è	6 1	1	24	0	0	2	\	\
		CDE001	]œ+U6, P+U#â D Q P 0.v	Â 1	1	32	0	0	2	\	\
		CDE002	]œ+U g P D Q P = 2	? 2	0.5	16	0	0	2	\	\
		FLG002	]œ9'B# (Â)	6 1	3.0	48	0	0	3	\	\
FLG003	]œ9'B# (?)	6 2	3.0	48	0	0	3	\	\		
		9'B# 6 „ \$B1 9 `œ <> \$B1]œ9'B#,° œ+U Æ1b 6 Â œ U ,1b 6 W • p ûF? Ç 1b ? = œ U , CET-4 `Eđ 425 < @6;F?1b 6 W •,°]œ9'B# L W •?,° 694Y 9'B# ´ CET-4 µ , CET-4 Eđ 425 < @6; % F?1b Â = ? = W •>	Â 1	3.0	48	0	0	0	\	\	
CMP005	C B#@6	6 2	4.0	32	32	0	4	\	\		

B40A 2± a	B40A -	B40A C0&	0Aä \$B1 œ U	œ <	œ , <Gf>ž			ž B4 ,	E» \$ B4	Â I PB4
					*<Ađ	ÔPÂ	Ô -			
œ 0 \$ B B4	FSE008	0A I 4	6 1	3.0	39	9	0	3	\	\
	MAT003	Q 1• I œ II (@)	6 1	6.0	96	0	0	6	\	\
	MAT004	Q 1• I œ II (A)	6 2	4.0	64	0	0	4	\	\
	GPH001	] œ(ÿ*< (@)	6 2	3.0	48	0	0	3	\	\
	GPH002	] œ(ÿ*< (A)	Â 1	3.0	48	0	0	3	\	\
	GPH003	] œ(ÿ*< ÔPÂ	Â 1	1.0	0	32	0	2	\	\
	FSE051	p < Æ L œ	6 1	4.0	64	0	0	4	\	\
	FSE052	p < Æ L œ ÔPÂ	6 1	1.5	0	48	0	3	\	\
	FSE060	? p L œ	6 2	4.0	64	0	0	4	\	\
	FSE061	? p L œ ÔPÂ	6 2	1.0	0	32	0	2	\	\
	FSE053	(ÿ*< L œ	Â 1	4.0	64	0	0	4	\	\
	FSE055	(ÿ*< L œ ÔPÂ	Â 1	1.0	0	32	0	2	\	\
	FSE023	+U(ÿ L œ	Â 1	4.0	64	0	0	4	\	\
	FSE024	+U(ÿ L œ ÔPÂ	Â 1	1.5	0	48	0	3	\	\
	FSE049	ä+U(ÿ œ	Â 2	3.0	48	0	0	3	\	\
	FSE050	ä+U(ÿ œ ÔPÂ	Â 2	1.5	0	48	0	3	\	\
FSE058	ž < Æ	Â 2	1.5	24	0	0	2	\	\	
FSE057	œ0 (I P) 2Ađ	6 1	1.0	16	0	0	2	e	e	
I P n ù B4	FQS004	< †O ÷ œ	Â 2	2.0	32	0	0	2	e	e
	FQS025	O ÷ : [±+U(ÿ œ	? 2	2.0	32	0	0	2	e	e
	FQS019	O ÷ ÷ C^ œ	Â 2	2.0	32	0	0	2	e	e
	FQS012	O ÷ U Î0 œ (a ÔPÂ)	? 2	2.0	8	24	0	2	e	e
	FQS027	O ÷ C^H ĭ ž- -™ Â1x*<	? 1	2.0	32	0	0	2	e	e
	FQS014	O ÷ öPÂ œ	? 1	2.0	32	0	0	2	e	e
	FQS023	O ÷ j+U œ	? 1	2.0	32	0	0	2	e	e
FQS021	O ÷ ä+U(ÿ œ öPÂ	? 2	2.0	32	0	0	2	e	e	

B40A 2± a	B40A -	B40A C0&	0Aä \$B1 œ U	œ <	œ , <Gf>ž			ž B4 ,	E» \$ B4	Â I PB4
					*<Að	ÔPÂ	Ô -			
	FQS028	O ÷ C^H ž ž !FU ö#• Ô* ¶ e (a ÔPÂ)	1	2.0	16	16	0	2	e	e
I P L† F? B4	FQS022	O ÷ ä+U(ÿ œ öPÂ ÔPÂ	? 2	1.0	0	32	0	2	e	e
	FQS015	O ÷ öPÂ œ ÔPÂ	? 1	1.5	0	48	0	3	e	e
	FSE036	O ÷ 8° œ ÔPÂ	? 1	1.0	0	32	0	2	e	e
	FSE056	)æ ž < Æ ÔPÂ	Â 2	1.0	0	32	0	2	e	e
	FQS030	B PÂAôAx D ! : * <	? 2	2.0	16	16	0	2	\	\
	GSG134	7 P1x* < œ	Â 1	2.0	32	0	0	2	e	e
	FSE001	CAD 0.v	? 1	2.0	16	16	0	2	e	e
	FSE005	+k +k † ¶ e 0.v	Â 2	2.0	32	0	0	2	e	e
	MAT010	4ô] ! (II)	? 1	3.0	48	0	0	3	e	e
	FSE006	)"1 .JO→ (0AAôAxAã4ù	? 1	1.0	0	0	16	2	e	e
	FQS017	O ÷ 0 ¶ Að ½ İ'	Â 2	1.0	16	0	0	2	e	e
I P F? \$ B4 \$ B4	FQS029	O ÷ C^H D ž ž,° ¥ L1x * <	? 1	1.0	16	0	0	2	e	e
	FQS031	)æ O ÷ ž ž Ý I ¶ e	? 1	2.0	32	0	0	2	e	e
	FQS003	þ C(ÿ öPÂ ö+á	? 2	2.0	16	16	0	2	e	e
	FQS013	O ÷ \$â\$Æ æ ¶ e	? 2	1.0	16	0	0	2	e	e
	FQS024	O ÷ (ÿ* < œ (9')	Â 2	1.5	16	8	0	2	e	e
	FQS026	O ÷ C^° œ (9')	Â 2	2.0	16	16	0	2	e	e
	FQS009	O ÷ ž ž D \ * <	Â 1	1.0	16	0	0		e	e
	FQS011	O ÷ " * < œ	? 1	2.0	24	8	0	2	e	e
	FQS010	O ÷ ;>û ž ž œ	? 2	2.0	24	8	0	2	e	e
	FSE028	O ÷ Ý ÷ AôAx D 6	? 2	2.0	16	16	0	2	e	e
	FQS018	O ÷ f+á œ ÔPÂ	? 1	2.0	16	16	0	2	e	

B40A 2± a	B40A -	B40A C0&	0Aä \$B1 œ U	œ <	œ , <Gf>ž			ž B4 ,	E» \$ B4	Â I PB4	
					*<Ađ	ÔPÂ	Ô -				
		FSE035	O ÷\$1 Ö x ě ž	? 2	1.0	16	0	0	2	e	e
		FSE010	Õ73 JO ÷ œ	? 2	2.0	32	0	0	2	e	e
		BIE023	O ÷+U(ÿ ¶ e	1	2.0	32	0	0	2	e	e
		FQS020	O ÷B9OïB98" œ	? 1	1.0	10	6	0	2	e	e
		FSE026	O ÷ ;>û œ	1	2.0	32	0	0	2	e	e
		FSE063	I P9'B#	Â 1	1.0	16	0	0	2	e	e
		FQS006	Q 4Ý ? p L œ	? 1	2.0	32	0	0	2	e	e
	2±	BIE027	4ü7 0A ,Ađ (9')	? 2	2.0	32	0	0	2	e	e
	-	BIE007	G- 0A(a ÔPÂ)	? 2	2.0	20	12	0	2	e	e
		FQS016	O ÷7, %o D+,M"0 œ	? 1	2.0	22	10	0	2	e	e
		FQS005	Q 4Ý+U(ÿ L œ	? 2	2.0	32	0	0	2	e	e
		EMT303	0A5 #,, œ	Â 1	3.0	48	0	0	2	e	e
	|	GSG204	8 pB9.J	Â 1	2.0	16	0	16	2	e	e
	0	FSE033	O ÷ P5 #,, œ	Â 2	2.0	32	0	0	2	e	e
	7	GSG308	1x*< ù*< œ	? 1	2.0	32	0	0	2	e	e
	¥	FSE042	O ÷(ÿ#w œ	1	2.0	32	0	0	2	e	e
	FP		½ œ ¼ ((œ = \$B1 1 œ < , 5 #,, 1x*<# Á = \$ B11 œ < , Q æ Q E Q P W • c \$B1 1 œ < > - • 8 F?		12						
	,	] L B4 0A	`] LB40A % ^ ž W 6B4,° B40A = 3 » L ^4đ 6 tB40A © & ,°B40A cF? , • % +^1b Â W # "x œ L ø D 3L{ L Ú#w v9í œ < 5 ~ , `] LB40A,° œ < p 6 œ < >		6						
	Ô D+ • œ	MPE002	Ñ Á ¶73	6 1	2.0	0	0	112	16	\	\
		FLG042	] œ LB# ÔD+	1	0.5	0	0	16	16	\	\
		IPT005	S) u"ñ*<AđB4/t P ÔD+	Â 2	2.0	0	0	64	16	\	\
		FSE020	H Ô -	6 2	1.0	0	0	32	16	\	\

B40A 2± a	B40A -	B40A C0&	0Aä \$B1 œ U	œ <	œ , <Gf>ž			ž B4 ,	E» \$ B4	Â I PB4
					*<Aö	ÔPÂ	Ô –			
	FSE007	0AAã4ù	Â 2	1.0	0	0	16	16	\	\
	FQS034	I PAÚ. Ô –	Â 1	0.5	0	0	16	16	\	\
	FQS008	+U Ý Ô –	? 1	1.0	0	0	32	16	\	\
	FQS002	" P Ô –	1	4.0	0	0	128	16	\	\
	PRA001	Q æ D Q P	1	1.0	0	0	16	16	\	\
	PRA003	3VC^ ‹	1	2.0	0	0	32	16	\	\
	FQS033	I P n ùB40A] ÔPÂ	? 2	2.0	0	64	0	32	e	e
	FQS001	" PAđ ½(AôA*)	2	12.0	0	0	192	16	\	e