# インターネットフォン ヘルプ インデックス



### <u>'</u>∏•ª,©,è

□‰,ß,Ä,<sup>~</sup>Žg,¢ ,É,È,é□I,Ì,½,ß,ÌfCf"f^□[flfbfgftfHf",Ì '□•ª,©,è



### <u>fCf"f^□[flfbfgftfHf",</u> <u>ÌŽg,¢•û</u>

$$\label{eq:fcfff} \begin{split} fCfff^{-}[f]fbfgftfHff,i'S<@"\ , \delta[]\pm,\delta'Ç,Á,Ä[]a-3/4,\mu,Ü,\cdot]B \end{split}$$



### <u>ŽQ∏Æ∏î∙ñ</u>

pϐ@W@AfEfBf"fhfEfp@[fc@Af@fjf... @[fRf}f"fh,ÆfL@[f{@[fh



## <u>fgf‰fuf‹,̉ðŒ^</u>

,æ,, ,é-â'è,ÆfGf‰∏[,ÌŠÈ'P,È ‰ðŒ^•û-@



## <<u>Z</u>]pfTf|][[fg

,»,Ìʻ¼ʻS,Ä,Ì-â'è,ÅVocalTec,Ì‹Z□pfTf| □[fg,ðŽó,⁻,é•û-@



<u>—pŒê<u></u>]</u>W

<u>fEfBf"fhfEfp[[fc</u>

<u>fNfCfbfNf{f^f",Ìf,□[fh</u>

<u>f⊡fjf...□[fRf}f"fh</u>

<u>fc[[f<fo[[fRf}f"fh</u>

<u>fL□[f{□[fhfKfCfh</u>

### ℃ fCf"f^[[flfbfgftfHf",ÌŽg—p

## Šî-{"IŽ-]€

<u>fCf"f^[[flfbfgftfHf",Æ,ĺ‰½]H</u> <u>fCf"f^[[flfbfgftfHf",l<N"®</u> <u>fCf"f^[[flfbfgftfHf",l]]–1</u>

## fCf"f^\_[flfbfgftfHf"flfbfgf]\_[fN

 $\frac{fCf''f^{[f][fbfgftfHf''fT][fo,Ö,]]U' \pm}{fCf''f^{[f][fbfgftfHf''flfbfgf]][f]N,@,c,]]O'f}$   $\frac{fgfsfbfN,Ö,]wA''U,E]]^{-}$   $\frac{fgfsfbfN,@,c,]'E' \pm}{fvf‰fCfx[[fgfgfsfbfN,]--p]}$ 

## fCf"f^[[flfbfg]ā,Å,Ì'Ê~b

<u>'ŠŽè,ÌŒÄ,Ñ□o,µ</u> <u>΀,Ñ□o,µ,ɉž,¦,é</u> <u>‰ï˜b</u> <u>΀,Ñ□o,µ,Ü,½,Í'ʘb,Ì□Ø'f</u> <u>Ž©"®Žó□M</u> <u>‰¹□º"FŽ<sup>-</sup>fŒfxf<,Ì□Ý'è</u>

## 'S"ñ]d'Ê<sup>∼</sup>b

<u>'S"ñ□df,□[fh,Ö,Ì</u>□Ø,芷,<u>¦</u> <u>'S"ñ</u>□d'Ê<sup>~</sup>b

# fNfCfbfNf{f^f",Ì—<sup>~</sup>—p

<u>fNfCfbfNf{f^f",ÌfZfbfg</u> <u>fNfCfbfNf{f^f",ÌŽg—p</u> <u>fNfCfbfNf{f^f",Ì,½,ß,ÌfJfXf^f€f^fCfgf<,ÌfZfbfg</u>

# fCf"f^[[flfbfgftfHf",Ìf`f...[[fjf"fO

<u>•·,□^~b,·,ìŽè"®□ØŠ·</u> <u>‰¹—ÊfŒfxf‹,Ì□Ý'è</u> <u>flfbfgf□□[fN"□Œv,Ì•\Ž</u>¦

fCf"f^[[flfbfgftfHf",Ì,»,Ì'¼,ÌflfvfVf‡f"

fCf"f^□[flfbfgftfHf",ð□Å□¬‱»,µ,ÄŽg,¤ fCf"f^□[flfbfgftfHf",Ì□Ý'è fVfXfef€□Ý'è,ÌfefXfg fzfbfgfL□[,Ì□Ý'è \_~\_pŽÒ□î•ñ,Ì•Ï□X "□M‰¹ flfbfgf□□[fNf□fO fŠf,□[fg□î•ñfEfBf"fhfE

# f\_fjf...\_[[fRf}f"fh

通話( <u>P</u> )	オブション( <u>O</u> ) ヘルプ( <u>H</u> )
相手呼び	形出し( <u>C</u> ) F2
通話のは	7世所( <u>D</u> ) F9
IRC接続 IRC切断	(N) (S)
登録( <u>R</u> )	
Internet	Phone終了( <u>E</u> )
	オプション( <u>O</u> ) ヘルプ( <u>H</u> )
	<u>自動受信(U)</u> 聞く/話す 手動切換( <u>M</u> ) 全二重( <u>F</u> )
	設定( <u>P</u> ) 利用者情報の登録( <u>E</u> ) <sup>和</sup> ットキ-( <u>H</u> ) 音量レヘ <sup>・</sup> ルのセット( <u>A</u> ) ジステム設定のテスト( <u>Y</u> )
	相手側情報の表示( <u>F</u> ) ネットワークログの表示( <u>V</u> ) ネットワークログの消去( <u>C</u> ) ネットワーク統計の表示( <u>S</u> ) 統計のソセット( <u>T</u> )
	ヘルプ( <u>H</u> )
	目)太( <u>C</u> )
	‡-ワードで検索( <u>S</u> ) ヘルプの使い方( <u>H</u> )
	トラブルの解決( <u>I</u> ) 技術サポート( <u>E</u> ) 登録コード取得方法( <u>O</u> ) ライセンス契約( <u>L</u> )
	Internet Phone早わかり(Q) ボ゙タン・吹き出しの表示(P)
	Internet Phone(こついて(A)

# fL[[f{[[fhfKfCfh

<u>ftf@f"fNfVf‡f"fL][</u>

<u>fL0[f{0[fhfVf‡0[fgfJfbfg</u>

fzfbfgfL0[fVf‡0[fgf]fbfg

# fc[[f<fo[[fRf}f"fh

 $\underline{fc} [f < fo] [f Rf f'fh, lf] fj ... [f Rf f'fh, \mathcal{E}'S, "^-, \P, A, \cdot] B$ 

 <sup>∞</sup> <u>'Ê~b,Ì</u>]Ø'f
 <sup>∞</sup> <u>'ŠŽèŒÄ,Ñ</u>]o,µ
 <sup>∞</sup> <u>Ž©"®Žó</u>]M
 <sup>∞</sup> <u>··,-</u> □^~b,·,ÌŽè"®□ØŠ·
 <sup>∞</sup> <u>'S"ñ</u>]d
 <sup>∞</sup> <u>'ŠŽè'¤</u>]î•ñ,Ì•\ަ
 *"h,q,b*]Ú'±

# fNfCfbfNf{f^f"f, [[fh

 $\underline{fNfCfbfNf{f^{f}}}$ 

¥+¥	□Ý'è,³,ê,Ä,¢,È,¢f{f^f"
• ±+•+±	f{f^f"fZfbfg
° 🕰	ŒÄ,Ñ <u>□</u> o,μ
°``æ`	Žó∏M
°e	Speaking <b>f,</b> [] <b>[fh</b>
° 💌	Listening <b>f</b> , [][fh
°?	‰ï˜b'Ò,¿ ("¼"ñ⊡d)

# fzfbfgfL[[fVf‡][fgfJfbfg

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•Ê,ÌfAfvfŠfP□[fVf‡f",ª"®,¢,Ä,¢,鎞□A,»,ÌfAfvfŠfP□[fVf‡f",ªŽg,Á,Ä,¢
,éfL□[f{□[fhfVf‡□[fgf]fbfg,ð-W,°,È,¢"Á•Ê,È<u>fzfbfgfL□[</u>,Ì'g,Ý□‡,í,¹,ðŽg,¤,±,Æ,ª,Å,«,Ü,·□B
•₩₩™□
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## fzfbfgfL[[fVf‡[[fgf]fbfg

To Press

# fCf"f^[[flfbfgftfHf",Æ,ĺ‰½,©?

fCf"f^\_[[flfbfgftfHf",ĺfCf"f^\_[[flfbfgft\_][fU,É,Æ,Á,Ä,ĺ]V,½,ÈŠy,µ,Ý,ª]L,ª,éf ftfgfEfFfA[]»•i,Å,·,Å,·[]B[];,Ü,Å[]AfCf"f^[][flfbfg,ĺ•¶[]ĺ,âŠG,ð'—,é,± ,Æ,μ,©,Å,«,Ü,¹,ñ,Å,μ,½ΠΒ, ,È,½,ĺ¼,Ìf†Π[fU,Ée-mail,ð'—,é,±,Æ,ª,Å,«,Ü,μ,½ΠΒ,à,μ,-,ĺ"Þ,c,Æ•¶□ĺ,Å,¨,μ,á,×,è,·,é,±,Æ,ª,Å,«,Ü,μ,½,ª□AŽÀ□Û,É"Þ,c,Æ~b,¹,½,c,ÆŽv,Á,½,±,Æ,ª, ,é ,Å,µ,å,¤∏B fCf"f^∏[flfbfgftfHf",É,æ,Á,Ä, ,È,½Ž©∏g,Ì⊓º,Å⊓ ¢ŠE'†,ÌfCf"f^[[flfbfgf†[[fU,ÆfCf"f^[[flfbfg,ðŽg,Á,Ä<sup>~</sup>b,·,±,Æ,ª,Å,«,Ü,·[BfŠfAf‹f^fCf€ ,Å⊓AŽÀ⊓Û,Ì⊓º,Å,̉ï~b,ªfCf"f^∏[flfbfq∏ã,Å,Å,«,é,Ì,Å,·⊓B , ,È,½,ª•K—v,Æ,·,é,Ì,ÍfCf"f^∏[flfbfgftfHf"∏AfCf"f^∏[flfbfg∏Ú'±,ÆfEfBf"fhfEfY∏l<¤— L,Å,«,éfl $[fffBfl{@Ší,¾, ^,Å, ·}Bf}fCfN,ÆfXfs[[f]][,ð]·,µ]ž,Ý]Af{f^f",ðfNfŠfbfN,µ]AfCf"f^][$ flfbfgftfHf",ð'–,ç,¹'n^æ"d~b,̉¿Ši,Å∏  $\xi$ ČE'†,ÌfCf"f^[[flfbfgf†[[fU]],Æ'Î~b,µ,Ü,µ,å,¤[B]V,½,È—F'B,É[]0‰ï,¢ ,½,¢[]AŒÂ[]l"I,É[]î•ñ,ð"¾,½,¢[]A,à,μ,,ĺŽæ^ø,μ,½,¢, ,È,½,Ì,½,ß,ÉfCf"f^[[flfbfgftfHf",ª,¨-ð,É  $- \S_{,i}, \ddot{U}, \Box B_{,i}, \odot, \dot{e}, \hat{a}, \cdot, \dot{e}fOf\%ftfBfbfNft\Box[fUfCf"f^ftfF\Box[fX, \mathcal{A}\Box @" \ \dot{i}, \dot{e}, \dot{e}\%^{1}\Box^{0}"F\check{Z}^{-} \langle @" \ \dot{i}, \dot{e}, \dot{e}\%^{1}\Box^{0}"F\check{Z}^{-} \langle @" \ \dot{i}, \dot{e}\%^{1} \rangle$  $,^{a}'|_{\square}\dot{A},\dot{E}'\hat{E}^b,\dot{A},\ll,\dot{e},\varpi,\varkappa,\dot{E},\mu,\ddot{U},\cdot_{\square}BVocaltec,\dot{I}\square\hat{o}-\hat{u},^{3},\hat{e},\frac{1}{2}\infty^{1}\square^{o^{3}}\squarek\squareE''`'-<Z\squarep,^{a},\,\dot{E},\frac{1}{2},\dot{I}\square^{o},^{a},\dot{I},$ Á,«,è•·,±,¦,é,©,·,®,ÉŠm,©,ß,Ü,·□B,»,ê,ĺ'Ñ^æ•□,Ì^ê•"•ª,¾,⁻,ðŽg,¢,Ü,·□B ,Q,Â,ÌfI⊓[fffBfIf{∏[fh,ðfCf"fXfg⊓[f<,μ,Ä,¢,é⊓A,Ü,½,Í'S"ñ⊓d,ðfTf] ∏[fg, ·, éfl□[fffBflf{□[fh,ðŽ□,Á,Ä,¢, éft□[fU,ĺŽÀ□Û,Ì"d˜b,Ì,æ,¤,É'o•ûŒü‰¹□º,Å ‰ï~b,Å,«,Ü,·□B,±,ê,ĺ"<sup>-</sup>Žž,É,Q□l,ª<sup>~</sup>b,μ□A•·,<sup>-</sup>,é,±,Æ,ð<sup>^</sup>Ó-¡,μ,Ü,·□B'¼,Ìf†□[fU,ĺ ‰ï~b′†ŒðŒÝ,É~b,³,È,⁻,ê,Î,È,è,Ü,¹,ñ⊡B fCf"f^∏[flfbfgftfHf",Í∏¢ŠE‹K−Í,Ì"d<sup>~</sup>b′,Ì,æ,¤,ÈfCf"f^∏[flfbfgftfHf"flfbfgf∏∏[fN,ðŽg,¢ ,Ü,·∏B,»,ê,Í∏í,É, ,È,½,É∏Å∏V,ÌfqfsfbfN,ÆfIf"f %fCf"ft $\Pi$ [fU,ÌfŠfXfg,ð'ñ<Ÿ,µ,Ü, $\Pi$ BfCf"f $\Pi$ [flfbfgftfHf"fT $\Pi$ [fo,É $\Pi$ Ú'±, $\cdot$ ,é,±,Æ,É,æ,Á,Ä $\Pi$ A,± ,ÌfŠfXfg,ðŒÄ,Ñ⊓o,μ,ÄΠA,»,μ,Ä,¾,ê,É,Å,à~A—Π,∙,é,±,Æ,ª,Å,«,Ü,·ΠB^êΠΠ,ÉŽQ ‰Á,μ,ÄŠy,μ,ß,é'ŠŽè,ð'Ò,Â□V,μ,¢fgfsfbfN,ð□ì,é,©□A, ,é,¢,ĺŒ»□Ý,Ì,à,Ì,É, ,È,½,Ì-¼'O,ðfŠfXfqfAfbfv,,,é,±,Æ,ª,Å,«,Ü,,□B'ŠŽè,Ì,±,Æ,ð'm,Á,½,cfNfCfbfNf{f^f",̉º,É'ŠŽè,Ì– ¼'O,ð<Ľ"ü, ·,é,±,Æ,ª,Å,«,Ü,·□B,»,Ì□I,É"d~b,ð, ·,é,½,ß,É,Í'ŠŽè,ÌfNfCfbfNf{f^f",ðfNfŠfbfN,µ,Ä,-,¾,³,¢□A,»,¤,·,ê,ΑŠŽè,Ö,ÌŒÄ,Ñ□o,μ,ª,Å,«,Ü,·□B,½,Æ,¦, ,È,½,ª^Ù,È,Á,½fgfsfbfN,Ì ‰º,ÅfŠfXfgfAfbfv,³,ê,é,Æ,μ,Ä,à,Đ,Æ,½,Ñ, ,È,½,ª, ,é□l,Æ~A—□,ð,Æ,ê,Î□AfRf~f… fifP⊓[fVf‡f",ĺfCf"f^∏[flfbfgftfHf"flfbfgf⊓⊓[fN,ð'Ê,μ,Ä,Å,ĺ,È,- $\square$ AfCf"f $\square$ [flfbfg $\square$ ã,Å' $\frac{1}{4} \square$ Ú $\square$ s,í,ê,Ü, $\square$ B  $\Box d = v, \dot{E} frfW flfX, \dot{e}, \dot{e}, \dot{e}, \dot{f} v f (fv f (fv f (fq, \dot{E} (fq, \dot{E} (\ddot{A}, \ddot{N} (fq, \dot{A} (\dot{A} (\dot{A} (\dot{A} (fv f (fv f (fq, \dot{A} (fq, \dot{A$ 

,È,¢ŒÄ,Ñ<code>[</code>o,µ,ð,<sup>3</sup>,<sup>-</sup>,é,<sup>1</sup>/<sub>2</sub>,ß,Éfvf‰fCfx<code>[[fgfgfsfbfN,ðŽg,¤,±,Æ,ª,Å,«,Ü,·</code>]Bfvf ‰fCfx<code>[[fgfgfsfbfN,ĺ,Ü,<sup>1</sup>/<sub>2</sub>]A<code>]</code>¢ŠE"I,È<K–ĺ,Ìf<code>]</code>f"fo<code>]</code>[, ,é,¢,ĺfOf<<code>]</code>[fv,Æ,ĺŠÖ,í,è,È,,¨ŒÝ,¢,ðŠm"F,Å,«,Ü,·</code>]B

,à,¿,ë,ñ□A‰¹□º'Ê□M,Ì•iŽ¿,ĺ, ,È,½,ÌfCf"f^□[flfbfg□Ú'±,Ì•iŽ¿,ÅŒ^,Ü,è,Ü,·□B14.4kbps, ,é,¢ ,ĺ,»,ê^È□ã,ÌfCf"f^□[flfbfg□Ú'±,ðŽ□,ÂfVfXfef€□ã,ÅfCf"f^□[flfbfgftfHf",ðŽg,¤,±

,Æ,ð,¨'E,ß,µ,Ü,·□BVocalTec,ÌVCfJ□[fh,Ì,æ,¤

,Èf{fCfXfRf"fvfŒfbfVf‡f"fJ[[fh,ðfCf"fXfg[[f<,·,é,±,Æ,Å,©,È,è $\mathbb{C}$ ø—¦‰»,³,ê[]AfRf~f... fjfP[[fVf‡f",ÌŽ¿,³,æ,,È,è,Ü,·]B

# fCf"f^[[flfbfgftfHf",Ì<N"®

### fCf"f^[[flfbfgftfHf",ð<N"®,•,é,É,Í

- **1** fvf□fOf‰f€f}fl□[fWfffEfBf"fhfE,É□Ø,芷,¦,ĉº,³,¢□B
- **2** fCf"f^□[flfbfgftfHf"fAfCfRf",ðŠÜ,ñ,Å,¢,éfOf<□[fvfEfBf"fhfE,ðŠJ,<sup>-</sup>,ĉ<sup>Q</sup>,³,¢□B
- **3** ŽŸ,Ì,¢,,,ê,©,ð⊡s,Á,ĉ⁰,³,¢⊡B
- ۰
- fCf"f<sup>^</sup>□[flfbfgftfHf"fAfCfRf",ðf\_fuf<fNfŠfbfN,μ,ĉº,³,¢□B -î^ófL□[,ðŽg,Á,ÄfCf"f<sup>^</sup>□[flfbfgftfHf"fAfCfRf",ð'l,Ñ□AEnterfL□[,ð‰Ÿ,μ,ĉº,³,¢□B ۲

Internet Phone Icon

# fCf"f^[[flfbfgftfHf",Ì]I—1

 $\label{eq:fcfff} f^{[[flfbfgftfHf",\delta]]-1,\cdot,鎞,ĺ fNfCfbfNf{f^f",lfZfbfgfAfbfv,Æ<u>%10°"FŽ</u>} f{C}f*f^{][flfbfgftfN,ÉfZ[[fu,³,ê,Ü,.]B,à,µ, ,È,½,³•Ê,lfCf"f^{[[flfbfgftfHf"flfbfgf]][[fN, É]U'±,µ,½,ç]AfCf"f^{[[flfbfgftfHf",l]0'f,³,ê,Ü,.]B}$ 

### fCf"f^[[flfbfgftfHf",ð]I-1,·,é,É,Í

ŽŸ,Ì,¢,,,ê,©,ð⊡s,Á,ĉ⁰,³,¢⊡B

- 'ʘbf□fjf...□[,©,çInternet Phone□I—¹,ð'I,ñ,'nº,³,¢□B
- ALT+F4,ð‰Ÿ,μ,Ä,,¾,³,¢

,¾,³,¢∏B

# fCf"f^[[flfbfgftfHf"fT[[fo,Ö,Ì]Ú'±

fCf"f^□[flfbfgftfHf",Í□¢ŠE<K-ĺ,Ì"d~b',Æ,µ,ÄfCf"f^□[flfbfgftfHf"fT□[fo,ðŽg,¢,Ü,·□B,»,ê,Í□í,É, ,È,½,É□Å□V,Ì<u>fgfsfbfN</u>,Æflf"f ‰fCf"f†□[fUfŠfXfg,ð'ñ<Ÿ,µ,Ü,·□BfCf"f^□[flfbfgftfHf"fT□[fo,É□Ú'±,·,é,± ,Æ,É,æ,Á,ÄfCf"f^□[flfbfgftfHf"flfbfgf□□[fN,É□Ú'±,µ□AfŠfXfg,É,æ,è,¾,ê,É,Å,à~A—□,·,é,± ,Æ,ª,Å,«,Ü,·□B^ê"x'ŠŽè,Æ~A—□,ð,Æ,ê,Î□AfRf~f... fjfP□[fVf‡f",ĺfCf"f^□[flfbfgftfHf"flfbfgf□□[fN,ð'Ê,µ,Ä,Å,ĺ,È,-□AfCf"f^□[flfbfg□ã,Å'¼□Ú□s,í,ê,Ü,·□BfCf"f^□[flfbfgftfHf"flfbfgf□□[fN,ĺ•W□€<u>IRC</u> fvf□fgfRf<,ðŽg,¢,Ü,·,ª□A,à,µ'¼,ÌfCf"f^□[flfbfgftfHf"flfbfgftfHf"flfb[gftfHf"fl[bfgft]0][,É□Ú'± ,·,é□ê□‡,ĺ□³<K,ÌfCf"f^□[flfbfgttfHf"fT□[fo,É□Ú'±,µ,ĉ<sup>0</sup>,³,¢∏B

### fCf"f^[[flfbfgftfHf"fT][fo,É]Ú'±,•,é,É,Í

<u>IRC □Ú'±f\_fCfAf□fOf{fbfNfX</u>,ª•\ަ,³,ê,Ü,·□B

2 , ,È,½,ªfCf"f^□[flfbfgftfHf"flfbfgf□□[fN,É□Å□‰,É□Ú'±,µ,æ,¤,Æ,µ,½Žž□A IRCfT□[fof\_fCfAf□fOf{fbfNfX,ªŽ©"®"I,ÉŠJ,«,Ü,·□B,±,Ìf\_fCfAf□fOf{fbfNfX,ª'n<sup>\*</sup>æ-¼,ÆfCf"f^□[flfbfgftfHf"fT□[fo□[,ÌfŠfXfg,ð•\ަ,µ,Ü,·□B,»,± ,É,Í,Ç,ñ,È'n<sup>\*</sup>æ,©,ç,Å,àfAfNfZfX,Å,«,éfT□[fo,ÌfŠfXfg,ª, ,è,Ü,·□BŠJ,¢,Ä,¢,éfŠfXfg,©,ç, ,È,½,Ì'n <sup>\*</sup>æ,ð'l'ð,µ,Ä□AfCf"f^□[flfbfgftfHf"fT□[fo,ð'l'ð,µ,Ä,-,¾,³,¢□BOK,ð'l'ð,·,é,Æ'l,Î,ê,½fT□[fo,Ìf fCfAf□fOf{fbfNfX,ɉÁ,¦,ç,ê,Ü,·□B

 $[]\ddot{A}, \tilde{N}, \pm, \dot{I}f_fCfAf[]fOf{fbfNfX, \\ \delta \\ C \\ \ddot{A}, \\ \tilde{N}[]o, \cdot, \\ \acute{E}, \dot{I}IRCfT[][fof\\ \check{S}fXfg, \dot{I}f{f}^{*}, \\ \delta'I'\\ \delta, \mu, \\ \ddot{U}, \\ \vdots ]B$ 

**3** ,à,µ, ,È,½,ªŽè" ®,ÅfCf"f^[[flfbfgftfHf"fT][fo,ÌfCf"f^][flfbfgfAfhfŒfX,ð"ü –  $(i, \cdot, e, E, c, \hat{I}]A, c, *, e, \delta$ "ü –  $(i, \mu, \ddot{A})^{\circ}$ ,  $(I, \mu, \ddot{A})^{\circ}$ , (I,

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, E, ©, A, <sup>7</sup>2, Ç**J J Ç HJ < J**GJ [[**LJ G, IZG — P**, δ 1, I, E, ⊄, A□<sup>-</sup>, μ, ⊄][**L**J GJ J J O□[, δ U — I, μ, A<sup>2</sup>,<sup>9</sup>, ⊄]B fCf"f<sup>-</sup>□[flfbfgftfHf", δ" ®, ©, ·ŽžŽ©" ® "I, É, ±, ÌfCf"f<sup>-</sup>□[flfbfgftfHf"fT□[fo, É□Ú'±, ·, é, ± ,Æ, δ-], Þ, È, ç**fvf□fOf‰f€ < N" ® Žž□AŽ©" ®**□Ú'± flfvfVf‡f", ðf`fFfbfN, μ,Ä,, ¾, ³, ¢□B

**4** "OK",ð'l'ð,μ,Ä,,³⁄₄,³,¢∏B

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- **4 fgfsfbfN‰Á"ü**f{f^f",ð'l,ñ,'n<sup>Q</sup>,³,¢□B ,à,µ,±,Ì,æ,¤,ÈfgfsfbfN,à,È,¢,È,ç□A,»,ê,Í□ì□¬,³,ê,Ü,·□B,à,µ,»,Ì-¼'O,ªfŠfXfgfAfbfv,³,ê,½fgfsfbfN,ª'¶□Ý,·,é,È,ç□A'm,ç,¹,Ä,,ê,Ü,·□B fvf‰fCfx□[fgfgfsfbfN,Í**‰Á"ü,µ,½fgfsfbfNfŠfXfg**,ɉÁ,¦,ç,ê,Ü,·□B
- **5** f\_fCfAf□fOf{fbfNfX,ð□l—¹,³,¹,é,½,ß,É,Í **fNf**□□**[fY**,ð'l'ð,μ,Ä,,¾,³,¢□B fgfsfbfN‰Á"üf{fbfNfX,Í•Â,¶,Ü,·□B
- fvf‰fCfx□[fgfgfsfbfN,ÉfŠfXfgfAfbfv,³,ê,Ä,¢,é□l,É~A—□,ð,Æ,Á,½,è□A
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<u>fgfsfbfN,©,ç,Ì'E'Þ</u> <u>fvf‰fCfx□[fgfgfsfbfN,Ì—<sup>~</sup>—p</u> <u>"d<sup>~</sup>b,ð,©,<sup>-</sup>,é</u>

# 'ŠŽè,ÌŒÄ,Ñ<u>□</u>o,µ

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,à,µ'ŠŽè,Æ <u>'S"ñ∏d</u> 'Ê<sup>~</sup>b,ð,µ,½,©,Á,½,çŒÄ,Ñ∏o,µ,ð,∙,é'O,É'S"ñ∏dflfvfVf‡f",ªON,Ì∏ó' Ô,Å, ,é,©Šm,©,ß,ĉº,³,¢∏B

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<u>'ŠŽèŒÄ,Ñ□o,µf{fbfNfX</u>, ªŠJ,«,Ü,·□B‰Á"üfgfsfbfNfŠfXfg,ª, ,È,½,Ì-¼'O,ªfŠfXfgfAfbfv,³,ê,éfgfsfbfN,ð•\ަ,μ,Ü,·□B ft□[fUfŠfXfg,ĺ ‰Á"üfgfsfbfNfŠfXfg,Å'I,Î,ê,½fgfsfbfN,ÉfŠfXfg,³,ê,Ä,¢,é□I,½,¿,ð•\ަ,μ,Ü,·□B fgfsfbfN,ÉŽQ‰Á,μ,½ft□[fU,ðަ,•flfvfVf‡f",ðŽQ□Æ,μ,Ä,,¾,³,¢□B

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- **3** ft□[fUfŠfXfg,©,ç'ŠŽè,ð'l,ñ,Å,,¾,³,¢□B
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   Šù,É'¼,Ì□I,Æ'Ê~b'†,Å, ,ê,Î "BUSY".,Æ,¢,¤f□fbfZ□[fW,ª□o,Ü,·□B

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- ِ Žó□M,ð<'"Û,∙,é,½,ß,Éf□fjf...□[, ,é,¢,ĺf͡c□[ʃ﹑fō□[,̃©,ç 'ʘb,Ì̀□Ø'f ,ð'l,ñ,Å,-

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"ñ□l,ÌŠÔ,Ì□Ú'±,ªŠ®— ¹,∙,é,Æ'Ê<sup>~</sup>b,ªŽn,Ü,è,Ü,∙□B "**CONNECTED**!" ,Æ,¢,xf[fbfZ[[fW, $^{a}$  <u>f[fbfZ[[fW[s</u>. ,É•\Ž|, $^{3}$ ,ê,Ü,·[]B

#### 'Ê<sup>~</sup>b,É,<sup>¨</sup>,<sup>−</sup>,éf‹□[f‹

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,Ä,ĺ,È,è,Ü,¹,ñ□B"ñ□l,ĺ"⁻Žž,É~b,ð,∙,é,±,Æ,ª,Å,«,Ü,¹,ñ□B

Speaking f, [[fh,<sup>a</sup>on, l][ó'Ô, lŽž[]A, ,È,<sup>1</sup>/<sub>2</sub>,<sup>a</sup>Œ<sup>3</sup>/<sub>4</sub>, ¤Ž-,<sup>a</sup>'ŠŽè,É'—,ç,ê,Ü,·[]B Listening f, [[fh,<sup>a</sup>on, lŽž'ŠŽè, l˜b, μ,ð•·,«,Ü,·[]B Idle f, [[fh,<sup>a</sup>on, lŽž]A'N, àŒ»[]ݘb,ð, μ,Ä,¢, Ü,<sup>1</sup>,ñ[]B
 fCf"f^[[flfbfgftfHf",<sup>a</sup> <u>‰<sup>1</sup>1<sup>o</sup>"FŽ<sup>-</sup>('u</u> interface ,ðŽg,Á,Ä, ,È,<sup>1</sup>/<sub>2</sub>,<sup>a</sup>čb, μ,Ä,¢,é,±,,Æ,ð"FŽ<sup>-</sup>, μ,Ü,·[]B,à, μ'ŠŽè,<sup>a</sup>čb, λ, μ,Ä,¢, È, ¢, È, 玩"®"I,É'ŠŽè,É, ,È,<sup>1</sup>/<sub>2</sub>,<sup>a</sup>Œ<sup>3</sup>/<sub>4</sub>, ¤Ž-,ð'—,è,Ü,·[]B[]i‰īčb'†‰<sup>1</sup>[]<sup>o</sup>"FŽ<sup>-</sup>(•'u,Ì[]ftfE[[fX,ð'<sup>2</sup>]]®,·,é,<sup>1</sup>/<sub>2</sub>,ß,Ì[]î•ñ,ĺ<u>‰<sup>1</sup>[]<sup>o</sup>"FŽ<sup>-</sup>(•'u,Ì[]Ý'è</u>,ðŽQ[]Æ,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,4]]B[]j

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ަ,µ,Ü,-̈́D̈́B,ä́,µ́fĆf́"ƒ́^D̃[f́lf́bfgftfHf"fEfBf"fhfĖ,ªDÅD¬‰»,³,ê,½Dó'Ô,Å, ,é,È,çDADÅD¬ ‰»,³,ê,½fAfCfRf",ĺfNfCfbfNf{f^f",ĺ,æ,¤,É,È,èDA'ŠŽè,Ì-¼'O,ĺ,»,̉º,É•\ަ,³,ê,Ü,·DB

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**1** ~b,µ,Ä,,¾,³,¢∏B

, ,È,½,Ìfl□[fffBfl<@Ší,ª‰¹,ð"FŽ<sup>-</sup>,·,鎞□AfCf"f^□[flfbfgftfHf",ª **Speak** f,□[fh,É□Ø,è'Ö,í,è,Ü,·□B,»,μ,Ä, ,È,½,ªŒ¾,¤Ž–,ð'ŠŽè,ÌfVfXfef€,ª•·,«,Æ,è,Ü,·□B

- 2 , ,È,½,ª<sup>~</sup>b,µ,ðŽ~,β,Ä,¢,鎞□A,·,È,í,¿fCf"f<sup>~</sup>□[flfbfgftfHf",ª‰¹□º,ª,È,¢,±,Æ,ð"FŽ<sup>-</sup>,·,鎞□A'Ê<sup>~</sup>b,ð'Ò, Idle f,□[fh,É,È,è,Ü,·□B
- **3**  $(\check{S}\check{Z}\check{e}, \check{e}), \check{b}, \mu, \ddot{A}, \xi, \acute{e}\check{Z}\check{z} \Box Af{f^{f}, IListen f, \Box [fh, \acute{E} \bullet \ddot{I}, i, \dot{e}, \ddot{U}, \Box B$
- 4 'ŠŽè,ª~b,ð□l,¦,½Žž□Af{f^f",Íldle f,□[fh,É-ß,è,Ü,·□B □Ä,Ñ~b,ð,·,é,±,Æ,É,æ,Á,ĕԓš,·,é,±,Æ,ª,Å,«,Ü,·□B
- 5 ‰ï<sup>~</sup>b,<sup>a</sup>□I— <sup>1</sup>,μ,½Žž□A□Ø′ffRf}f"fh,Å□Ø′f,μ ,Ä,,¾,³,¢□B

<sup>~</sup>b,µŽn,ß,é,½,ß,É'ŠŽè,ÌfNfCfbfNf{ <sup>●HOWTD</sup></sub> f^f",ðfNfŠfbfN,µ□A'ŠŽè,É<sup>~</sup>b,ð,³,¹, é,Ì,É□Ä,Ñ,»,Ìf{f^f",ðfNfŠfbfN,·,é, ±,Æ,Å□AŽè"®,Å'Ê<sup>~</sup>b,Å,«,Ü,·□B,± ,Ì,æ,¤,É,µ,Ä **Listen** f,□[fh,Å, ,é,Æ,«<sup>~</sup>b,µŽn,ß,é,±,Æ,Í ‰Â"\,Å,·□B <u>΀,Ñ□o,µ,ɉž,¦,é</u> <u>'ŠŽè,ÌŒÄ,Ñ□o,µ</u>

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### <u>′Ê~b,Ì,½,ß,Ìf<[[f<</u>

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<u>f{f^f"f,⊡[f</u> <u>^Ó-</u>;

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**SPEAKING**f,[[fh,É[]Ý'è,³,ê,Ä,¢,鎞[A, ,È,½,Ì

Œ¾,Á,½,±,Æ,ª'ŠŽè,ÌfVfXfef€

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,鎞∏A~b,µ,ð,µ,Ä,¢,Ü,¹,ñ∏B

'ŠŽè,ĺ,¢,Â,à~b, , ±,Æ,ª,Å,«,Ü, ⊡B'ŠŽè,ª~b,μ,Ä,¢

,鎞□A□¬,³,¢fXfs□[fJ□[fVf"f{f<,ªfNfCfbfNf{f^f",Ì□¶□ãŠp,É•\ަ,³,ê,Ü,·□B %ï~b,ª□I—

<sup>1</sup>,μ,½,ç∏Ø′ffRf}f"fh,Å∏Ø′f,μ,Ä,-,¾,³,¢∏B

<u>'S"ñ□df,□[fh,Ö,Ì</u>]Ø,芷,¦ <u>'ŠŽè,ÌŒÄ,Ñ□o,µ</u>

# ΀,Ñ⊓o,μ,Ü,½,ĺ′ʘb,Ì⊓Ø′f

 $\Box \emptyset' ffRf f' fh, I E A, N \Box o, \mu, E' E^b, \delta \Box I, !, e, ½, B, E Zg, c, Ü, \Box B$ 

#### ΀,Ñ□o,μ,ð□Ø'f,∙,é,É,Í

ŽŸ,ÌŽ-,ð,µ,Ä,,¾,³,¢

- 'Ê<sup>~</sup>bf□fjf...□[,©,ç□Ø'ffRf}f"fh,ð'l,ñ,Å,,¾,³,¢□B ۰
- fc[[f<fo[[,Å]Ø'ff{f^f",ð'l'ð,μ,Ä,,¾,3,¢]B ۰ B Disconnect button
- F9, ,é,¢,ĺESCAPE,ð‰Ÿ,µ,ĉ⁰,³,¢∏B ۰
- f{f^f", l□ã, Éf|fCf"f^,ð" ®, ©, μ,Ä□Af}fEfX, l‰Ef{f^f",ð ‰Ÿ, μ,Ä□A, », μ,Äfvf<f\_fEf"f□fjf...□[, ©, ς□Ø'f,ð'l,ñ,Å,,¾,3, ¢□B</p>

 $\mathbb{C}$ »[]s,Ì $\mathbb{C}$ Ä, $\tilde{N}$ []o, $\mu$ , $\delta$ []I,í, $\varsigma$ ,<sup>1</sup>[]A[]V, $\mu$ , $\varphi$  $\mathbb{C}$ Ä, $\tilde{N}$ []o, $\mu$ , $\delta$ Žn, $\beta$ ,é,<sup>1</sup>/<sub>2</sub>, $\beta$ ,É•Ê,ÌfNfCfbfNf{f^f, \delta'I, $\tilde{n}$ ,Å,-,¾,³,¢∏B

 $fCf''f^\Pi[flfbfgftfHf'', a f\Pi fbfZ\Pi fW\Pi s., h a, é "DISCONNECTED", Æ • \Ž', · , é, Å, \mu, å, ¤ \Pi B$ 

### Ž©"®Žó∏M

Ž©"®Žó[]Mf,[][fh,Å"d<sup>~</sup>b,ð,©,<sup>-</sup>,½[]l,ª, ,È,½,É<sup>~</sup>A—

 $[], \delta, \mathcal{E}, \acute{e}, \dot{l}, {}^{\underline{a}} \check{S} \check{E}' P, \acute{E}, \grave{E}, \dot{U}, \cdot [] B \check{Z} © " @ \check{Z} \acute{O} [] M, {}^{\underline{a}} flf", \dot{l} [] \acute{O} \acute{O}, \dot{l} \check{Z} \check{Z}, \cdot, @ fAfNfZfX, \mathring{A}, « [] A" d ~ b, \delta, ©, -, ½ [] l, {}^{\underline{a}}, \cdot, @, \acute{E}, \dot{L}_{2}, \mathcal{E}^{-} b, \mu \check{Z} n, \&, \acute{e}, \pm, \mathcal{R}, {}^{\underline{a}}, \mathring{A}, «, \ddot{U}, \cdot [] B \check{Z} © " @ \check{Z} \acute{O} [] M, {}^{\underline{a}} off, \dot{l} \check{Z} \check{Z}, \dot{l} \bullet \hat{O} [] M, \cdot, \acute{e}, \frac{1}{2}, \&, \&, \acute{E} caller's \underline{fNfCfbfNf} \{ \underline{f} \frown \underline{f}'', \delta fNf \check{S} fbf N, \cdot, \acute{e}, @ <' " \hat{U}, \cdot, \acute{e}, \frac{1}{2}, \&, \&, E [] \underline{O} \underline{O} f, \delta' l, \hat{O} \bullet K - v, {}^{\underline{a}}, \ \dot{e}, \ddot{U}, \cdot [] B$ 

#### <u>Ž©"®Žó</u>]MflfvfVf‡f",ðfZfbfg,·,é,½,ß,É,ĺ

,à,μ'ŠŽè,ª□¡"d<sup>~</sup>b,ð,©,<sup>-</sup>,Ä,«,½,ç'ŠŽè,ÌŒÄ,Ñ□o,μ,É"š,¦,é•K—v,ª, ,è,Ü,¹,ñ□B'ŠŽè,Æ,Ì ‰ï<sup>~</sup>b,ªŽ©"®"I,ÉŽn,Ü,è,Ü,·□B

### Ž©"®Žó**□M,ðŽg,í,È,¢,æ,¤,É,**∙,é,½,ß,É,Í

fc[[f<fo[[,Ìf{f^f",,é,¢,ĺflfvfVf‡f"f[]fjf...[[,ÌfRf}f"fh,ð,à,¤^ê"x'l,ñ,Å,-,¾,³,¢[]Bf`fFfbfN<L[]†,ª[]Á,¦,Ü,·[]B,»,μ,ÄŽ©"®Žó[]Mf,[][fh,ªŽg,¦,È,,È,è,Ü,·[]B</pre>

# fNfCfbfNf{f^f",ÌfZfbfg

fCf"f^[[[flfbfgftfHf",ð[]Å[]‰,ÉŽg,¤Žž[]A,P,OŒÂ,Ì<u>fNfCfbfNf{f^f</u>", ĺ‰½,à"o<sup>^</sup>,³,ê,Ä,ê,Ä,¢, ,Ü,¹,ñ[]B, ,È,½,ª'ŠŽèŒÄ,Ñ[]o,µfRf}f"fh,Å"d<sup>°</sup>b,ð,·,鎞[]A"o<sup>^</sup>,³,ê,Ä,¢,È,¢f{f^f",É,»,Ì]],Ì-¼'O,ª"o<sup>^</sup>,³,ê,Ü,·[]B,·,×,Ä,Ìf{f^f",É-¼'O,ª"o<sup>^</sup>,³,ê,Ä,¢,鎞[]Af[]<u>fCf<fhfj]</u>[[<u>fhf{f^f</u>", --,ĺ"d<sup>°</sup>b,ð,µ,Ä,¢,é'ŠŽè,ð•\ަ,·,é,½,ß,É^ꎞ"I,ÉŽg,í,ê,Ü,·[]BfNfCfbfNf{f^f",ĺ'ŠŽè,Æ<sup>°</sup>A— ],ð,Æ,é,½,ß,ÉŽg,í,ê[]AŒ»[]Ý,Ìf,[][fh,ð•\ަ,·,é,½,ß,É•\ަ,ð•ï,¦,Ü,·[]B fNfCfbfNf{f^f",ĺ,à,¤^ê,Â,Ì-Ú"I,ÉŽg,í,ê,Ü,·[]B,»,ê,ç,ĺfRf"fsf...][f<sup>^</sup>‰»,³,ê,½"d<sup>°</sup>b',Ì-ð-Ú,ð ‰Ê,½,·,±,Æ,ª,Å,«,Ü,·[]B,»,ê,ðŽg,Á,ÄfCf"f<sup>^</sup>[[flfbfgftfHf"flfbfgft]][[fN,É]]Ú'±,µ,Ä,¢

,é□l,ª'¼□Ú, ,È,½,ÉfAfNfZfX,Å,«,Ü,·□BfNfCfbfNf{f^f",Ì□Ý'è,ÍfffBfXfN,ÉfZ□[fu,³,ê,Ü,·,Ì,ÅfCf"f ^□[flfbfgftfHf",ð" ®,©,·Žž,ĺ,¢

,Â,à"<sup>−</sup>,¶□Ý'è,Ì,Ü,Ü,Å,·□B<sup>^</sup>ê"xf{f<sup>f</sup>",ð□Ý'è,·,ê,Γd<sup>~</sup>b,ð,·,鎞,½,¾,»,Ìf{f<sup>f</sup>",ð'l,×,Î,¢,¢ ,Ì,Å,·□BfgfsfbfNfŠfXfg,Å,»,Ì"x,É,»,Ì□l,Ì-¼'O,ð'T,µ,½,è□A, ,é,¢,Í"<sup>−</sup>,¶fgfsfbfN,ɉÁ"ü,·,é•K v,³, ,è,Ü,¹,ñ□B

### fNfCfbfNf{f^f",ðfZfbfg,·,é,½,ß,É,Í

1 Žg—p,·,éfNfCfbfNf{f^f",Ì□ã,Éf|fCf"f^,ð" ®, ©, µ,Ä,,¾,³,¢□Bf}fEfX,Ì ‰Ef{f^f",ðfNfŠfbfN,µ,ĉŸ,µ,½,Ü,Ü,Ì□ó'Ô,É,µ,Ä,,¾,³,¢□B,à,µf{f^f",³<ó,¢,Ä,¢ ,é,È,ç□Af}fEfX,Ì□¶f{f^f",ðfNfŠfbfN,µ,Ä,à□\,¢,Ü,¹,ñ□B



 $fvf < f_fEf"f_fjf..._[, e^{f} {f^{f}, \tilde{Z}', \acute{E} \cdot \tilde{Z}', \acute{e}, \ddot{U}, \cdot B}$ 

- 2 fNfCfbfNf{f^f",ÌfZfbfg,ð'l'ð,μ,Äf}fEfXf{f^f",ð•ú,μ,Ä,,¾,³,¢□B <u>fNfCfbfNf{f^f",ÌfZfbfgf\_fCfAf□fOf{fbfNfX</u>,ª•\ަ,³,ê,Ü,·□B
- **3** ft□[fUfŠfXfg,©,ç, ,È,½,<sup>a</sup>f{f^f",É□Ý'è,μ,½□I,Ì-¼'O,ð'I'ð,μ,Ä,,¾,³,¢□B
- **4** "OK",ð'l'ð,μ,Ä,,³⁄₄,³,¢∏B

f\_fCfAf□fOf{fbfNfX,ĺ•Â,¶,Ü,·□A,»,μ,Äf{f^f",É,»,Ì□l,Ì-¼'O,ªfZfbfg,³,ê,Ü,·□B□V,μ,¢-¼'O,ĺf{f^f",̉⁰,Ì•"•ª,É•\ަ,³,ê,Ü,·□B

$$\begin{split} \check{Z}_{c,e,ifNfCfbfNf}{f^{f}, \check{\sigma}_{v,e,v}^{\gamma}, \check{B}_{c,i,\pm,i}\check{Z}_{e,i,\pm,i}\check{Z}_{e,i,\pm,i}\check{Z}_{e,i,\pm,i}, \check{L}_{e,i,\pm,i}\check{Z}_{e,i,\pm,i}, \check{L}_{e,i,\pm,i}\check{L}_{e,i,\pm,i}, \check{L}_{e,i,\pm,i}, \check{L}_$$

-¼'O,ð□Á<Ž,·,é,½,ß,É,ĺfNfCfbfNf{f^f",Ìfvf‹f\_fEf"f□fjf…□[,©,ç**f{f^f",Ì**□Á<Ž,ð'I,ñ,Å,-,¾,³,¢□B</li>
 ^ê"xfNfCfbfNf{f^f",ðfZfbfg,μ,½,ç •ноw то
 f}fEfX,Ì□¶, ,é,¢,Í
 Ef{f^f",ðfNfŠfbfN,·,é,±
 ,Æ,É,æ,Á,ÄŽg,¤,±,Æ,ª,Å,«,Ü,·□B

# fNfCfbfNf{f^f",Ì—~-p

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### <u>f{f^f",ÉfZfbfg</u>,³,ê,Ä,¢,é□l,É"d˜b,ð,©,⁻,é,½,ß,É,Í

1 ,à,µ,Ü,¾fZfbfg,µ,Ä,¢
,È,©,Á,½,ç,»,Ì□l,Ì¼'O,ð"o<sup>~</sup>^,·,é,½,ß,ÉfNfCfbfNf
{f^f",ðfZfbfg,µ,Ä,,¾,³,¢□B

- **2** ŽŸ,Ì,±,Æ,ð,μ,Ä,,¾,³,¢[]B
- f}fEfX,Ì□¶f{f^f",ÅfNfCfbfNf{f^f",ð'l'ð,μ,Ä,,¾,³,¢□B
- ALT ,ÆfNfCfbfNf{f^f",Ì□¶□ã‰i,É•\ަ,³,ê,édigit,ð‰Ÿ,µ,Ä,,¾,³,¢□B ,»,Ì□I,ðŒÄ,Ñ□o,µ,Ü,·□B

### \_fNfCfbfNf{f^f"fvf‹f\_fEf"f□fjf…□[,ÉfAfNfZfX,·,é,½,ß,É,ĺ

1 fNfCfbfNf{f^f",Ì□ã,Éf|fCf"f^,ð" ®,©,µ,Äf}fEfX,̉Ef{f^f",ð‰Ÿ,µ,Ä,,¾,³,¢□B <u>fNfCfbfNf{f^f"fvf<f\_fEf"f□fjf...□[</u>,ª•\ަ,³,ê,Ü,·□BŒ»□ÝŽg,¦,È,¢fRf}f"fh,ÍŠD□F,É•\ ަ,³,ê,Ü,·□B



2 fRf}f"fh,ð'l,ñ,Åf}fEfXf{f^f",ð•ú,μ,Ä,,¾,³,¢□B fCf"f^□[flfbfgftfHf",ª,»,Ì-½—ß,ðŽÀ□s,μ,Ü,·□B

### fNfCfbfNf{f^f"fvf<f\_fEf"fDfjf...D[</pre>

### 'ŠŽèŒÄ,Ñ∏o,µ

"d~b,ð,©,⁻,Ü,·[]B

### ′Ê<sup>~</sup>b,Ì<u></u>Ø′f

΀,Ñ□o,µ, ,é,¢,ĺ'Ê~b,ð□Ø,è,Ü,·□B

## f{f^f",ÌfZfbfg

 $-\frac{1}{4}$ 'O,ð"o~^,·,é, $\frac{1}{2}$ ,ß,Éf{f^f",ðfZfbfg,µ,Ä,Ü,· $\Box$ B

## f{f^f"f^fCfgf<,ÌfZfbfg

fJfXf^f€f^fCfgf<,ðfZfbfg,µ,Ü,·□B

## f{f^f",Ì**⊡Á**∢Ž

f{f^f",ð⊡Á<Ž,μ,Ü,∙⊡B
# fNfCfbfNf{f^f",Ì,½,ß,ÌfJfXf^f€f^fCfgf‹,ÌfZfbfg

 $\underline{fNfCfbfNf{f^{f}}, ^{a} \bullet \\check{Z}_{}^{l}, \mu, \frac{1}{2} - \frac{1}{4}'O, \dot{I}, ©, i, \dot{e}, \acute{E}fJfXf^{f} f^{f} f^{f} f^{f} f^{f} f^{f}, \dot{a} - p, \cdot, \acute{e}, \pm, \mathcal{E}, ^{a}, \dot{A}, \ll, \ddot{U}, \cdot \Box B$ 

#### <u>fJfXf^f€f^fCfgf<,ðfZfbfg,∙,é</u>

- 1 fNfCfbfNf{f^f", l□ã, Éf|fCf"f^,ð" ®, ©, μ,Ä,,¾,³, ¢□Bf}fEfX, l ‰Ef{f^f",ðfNfŠfbfN,μ,Ä□A,»,μ,ĉŸ,μ,½,Ü,Ü,É,μ,Ä,,¾,³,¢□B fvf<f\_fEf"f□fjf...□[,²f{f^f", lŽŸ,É•\ަ,³,ê,Ü,·□B</p>
- **2 f{f^f"f^fCfgf**<,**ÌfZfbfg**,ð'l'ð,μ,Ä□A,»,μ,Äf}fEfXf{f^f",ð•ú,μ,Ä,,¾,³,¢□B f{f^f"f^fCfgf< <u>f\_fCfAf□fOf{fbfNfX</u>,ª•\ަ,³,ê,Ü,·□B
- **3** □V,μ,¢f^fCfgf<,ðf^fCfv,μ,Ä,,¾,³,¢□B,W•¶Žš,Ü,Å"ü,ê,ç,ê,Ü,·□B
- 4 "OK",ð'l'ð,μ,Ä,,¾,³,¢□B □V,μ,¢f^fCfgf<,²fNfCfbfNf{f^f",Ì□ã,É,»,Ì□l,Ì-¼'O,Ì'ã,í,è,É•\ަ,³,ê,Ü,·□B</p>

-{—^,Ì-¼'O,ðfNfCfbfNf{f^f",ÉfŠfZfbfg,∙,é,½,ß,É□A"⁻,¶'ŠŽè,ð□Ä,Ñf{f^f",ÉfZfbfg,μ,Ä ‰⁰,³,¢□B

# •·,□^~b,·,ÌŽè"®□ØŠ·

Žž□Ü□A•Ï□X,<sup>3</sup>,ê,<sup>1</sup>⁄<sub>2</sub>fofbfNfOf‰fEf"fh,̉<sup>1</sup>□<sup>o</sup>,Æ<u>‰<sup>1</sup>□<sup>o</sup>"®</u>□ÌfCf"f^□[ftfF□[fX,Æ,ÌŠÖŒW,Å—<sup>~</sup> p□ãŽx□á,<sup>a</sup>, ,è,Ü,·,Ì,Å□AŽè"®□Ø'Ö,ð,<sup>2</sup>—<sup>~</sup>—p‰<sup>o</sup>,<sup>3</sup>,¢□BŽè"®□Ø'Ö,Í□A'<sup>1</sup>⁄<sub>2</sub>,,Ì"d<sup>\*</sup>b,Å,Ìf~f... □[fgflfvfVf‡f",Ì,æ,¤,ÉŽg,í,ê□A,»,ê,É,æ,è'<sup>1</sup>⁄<sub>4</sub>,Ì□l,ÌfVfXfef€,Å•·,©,ê,é,±,Æ,È,<sup>\*</sup>b,µ,ð,·,é,±,Æ,ª,Å,«,Ü,·□B

#### Žè•·,[]^~b,·Žè"®[]Ø'Ö,ðon,É,·,é,É,Í

■ flfvfVf+f"f□fjf…□[, ,é,¢,ĺfc□[f<fo□[,©,ç•·,□^~b,·Žè"®□Ø'Ö,ð'l,ñ,Å,,¾,³,¢□B ManualVoice Activation button

f`fFfbfN<L[]†, $^{a}f$ []fjf...[[fRf}f"fh,ÌŽŸ,ÉŒ»,ê,Ü,·[]B,»,µ,Ä•·,[]^~b,·Žè"®[]Ø'Öf{f^f",ÍfnfCf %fCfg•\ަ,<sup>3</sup>,ê,Ü,·[]B

#### ‰¹<u>□</u>º□ì"®**□ó'Ô,É-ß,∙,½,**₿,É,Í

□Ä,Ñ•·,□^~b,·Žè"®□Ø'Ö,ð'l'ð,µ,Ä,,¾,³,¢□B
•·,□^~b,·Žè"®□Ø'Öf{f^f,ªffftfHf<fg•\ަ,É-ß,è□A‰¹□⁰□ì"®□ó'Ô,Æ,È,è,Ü,·□B</p>

#### Žè"®[Ø'Öf,[[fh,Å,̉ï~b

Žè" ® []Ø'Öf, [][fh,Å,̉ï~b,Í[]A‰¹[]º[]ì" ®fCf"f^ftfF[][fX,̉ï~b,Æ'S,-"¯,¶,Å,·,ª[]AŽè" ®,Å[]s,í,ê,Ü,·[]B **Speak**f, [][fh,ðŽn" ®,³,¹,é,½,ß,É[]A<u>fNfCfbfNf{f^f</u>,ð'l'ð,µ,Ä,-,¾,³,¢**‰ïldle**f, [][fh,É-ß,·,½,ß,É,Í[]A[]Ä,Ñf{f^f",ð'l'ð,µ,Ä,,¾,³,¢[]B 'o•û,ÌfVfXfef€,É,Æ,Á,Ä[]A"¯,¶" ®[]ìf, [][fh,Å, ,é,±,Æ,Í•K—v,Å,Í, ,è,Ü,¹,ñ[]B^ê•û,ª ‰¹[]º[]ì" ®[]A,à,¤^ê•û,ª•·,[]^~b,·Žè" ®[]Ø'Ö,Å,à—~—p,·,é,±,Æ,ª,Å,«,Ü,·[]B

# ‰¹<u>□</u>º"FŽ<sup>-</sup>fŒfxf‹,Ì<u>□</u>Ý'è

‰ï~b'†□AfCf"f^□[flfbfgftfHf",ĺ~b,ÌŠJŽn□A□I,è,ðŽ©"®"I,ÉŽ<sup>-</sup>•Ê,·,é <u>‰¹□º"FŽ</u>fCf"f^ftfF□[fX,ðŽg,¢,Ü,·□BfCf"f^ftfF□[fX,ĺ—I□X,È"ü—ĺ'•'u□AfofbfNfOf ‰fEf"fhfmfCfY,Ì—I□X,ÈfŒfxf<,Æ□ì"®,μ,Ü,·□BfCf"f^ftfF□[fX,ð‰Â"\ ,ÈŒÀ,èfXf€□[fY,É"®,©,·,½,ß,É□A‰¹□º"FŽ<sup>-</sup>fŒfxf<,ð□³,μ,¢fŒfxf<,É□‡,í,¹,ĉº,³,¢□B

#### ‰¹<u>□</u>º"FŽ<sup>-</sup>fŒfxf‹,Ì□Ý'è

- 1 flfvfVf‡f"f□fjf...□[,©,特—ÊfŒfxf<,ÌfZfbfg,ð'I,Ô,©□A, ,é,¢,ĺfEfCf"fhfE,̉E‰⁰,ÌfJf ‰□[fo□[,Ì—×,Ìf{f^f",ð'I'ð,µ,Ä,,¾,³,¢□B fŒfxf<fc□[f<,ª□]`"®□ó'Ô,Æ,È,è,Ü,·□Bf□fbfZ□[fW**fZfbfg** VOX,ªŒ»,ê,Ü,·□B,»,ê,ĺf}fCfNf□ftfHf",Ü,½'¼,̉¹□º"ü—ĺ'•'u,É,æ,è"ü—ĺ,³,ê,½ ‰¹□ºfŒfxf<,ðަ,µ,Ü,·□B</p>
- 2 f}fCfNf□ftfHf",É<sup>~</sup>b,µ,ð,µ,Ä,,¾,³,¢□B -¾,é,¢□F,Ìfo□[,ª"½‰ž,µ,Ü,·□B,±,Ìfo□[,͉¹□ºfŒfxf<,ðަ,µ,Ü,·□B,à,µ,»,ê,ª"½‰ž,µ,È,¢ ,µ,È,¢,È,ç□A, ,È,½□i'B□j,Ìf}fCfNf□ftfHf",ªfvf‰fO□·,µ□ž,Ý,É"ü,ê,ç,ê,Ä,¢,é,©□A ‰¹□ºf{□[fh,ðŽg,Á,Ä,¢,é'¼,ÌfAfvfŠfP□[fVf‡f",ª,È,¢,±,Æ,ðŠm"F,µ,Ä,,¾,³,¢□B



 $f (f) = \int \mathcal{F}_{a}^{1} (f) =$ 

**SPEAKING**,Í[]A‰<sup>1</sup>—Ê,É,æ,Á,Ä**<u>Speak</u>f**,[][fh,É,È,Á,½,±,Æ,ð<sup>6</sup>–;,µ,Ü,·]B,±,ê,Í[]A‰<sup>1</sup>— Ê,<sup>a</sup>‰<sup>1</sup>]<sup>o</sup>"FŽ<sup>-</sup>fŒfxf<,æ,è],,¢]]ó<sup>6</sup>Ô,Å,·]B

3 ,à,µ, ,È,½,Ì□º,Éf□fbfZ□[fW,ª"½‰ž,µ,È,⁻,ê,Î□AfŒfxf<,Ìfcf}f~,ð□㉺,µ,Ä,,¾,³,¢□B,à,µ, , È,½,ÌfVfXfef€,É,©,È,è,ÈfofbfNfOf‰fEf"fhfmfCfY,ª, ,é,È,ç□A, ,é,¢,Í,à,µ□Ú'±,̉¹□º"ü— Í'•'u,ª"ñ□í,É•qŠ´,Å, ,é,È,ç□A‰¹□º"FŽ⁻fŒfxf<,ð□,,¢'I,É□‡,í,¹,Ä,,¾,³,¢□B,à,µ, ,È,½,ª ‰¹□º"ü—Í'•'u,É<ß,,È,¢,©□A, ,é,¢,Í"ü—Í'•'u,ª, ,Ü,è•qŠ´,Å,È,⁻,ê,Î□A,»,ê,ð'á,¢'I,É□‡,í,¹,Ä ‰⁰,³,¢□B

- 4 □Ä,Ñ<sup>°</sup>b,ð,µ,Ä□A<sup>"</sup>½‰ž,<sup>a</sup>fXf€□[fX,Å, ,é,©Šm<sup>″</sup>F,µ,ĉ<sup>Q</sup>,<sup>3</sup>,¢□B,à,µ,»,ê,<sup>a</sup>fXf€□[fX,Å,È,¢,È,ç□AfXfefbfv,R,ðŒJ,è•Ô,µ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,¢□B
- 5  $flfvfVftf"flfjf...[[, ©, c]A‰^1]^2"FŽ^f@fxf<, ]]Y'è, ð‰ð]@, µ, ĉ<sup>2</sup>, ³, ¢]B$

‰ï~b,ÌŠÔ,É□A, ,È,½□i′B□j,Í□ã,É<L□q,³,ê,½•û-@,Å□A□Å□‰,Ìf□fjf...</li>
 □[fRf}f\*fh,ð'l′ð,µ,È,¢,'n¹□º″FޝfŒfxf<,ð•Ï,¦,é,±,Æ,ª,Å,«,Ü,·□B</li>
 fCf"f^□[flfbfgftfHf",ªfffBfXfN,Ì□ã,ɉ¹□º″FޝfŒfxf<,Ì□Ý'è,ð•Û'¶,µ,Ü,·□B,µ,½,ª,Á,Ä</li>
 ‰¹□º,Ì"ü—Í'•'u,ð•Ï,¦,È,¢,©□A, ,é,¢,ÍfCf"f^□[ftfF□[fX,ª□‡'²,É□ì"®,µ,Ä,¢,È,¢,æ,¤
 ,È,ç,Î□A□Ä,Ñ,±,Ìfvf□fZfX,ðŒJ,è•Ô,·•K—v,ª, ,è,Ü,¹,ñ□B

#### ‰¹—ÊfŒfxf‹,Ì∏Ý'è

‰¹—Ê∏Ý'è

$$\label{eq:solution} \begin{split} & & & \ensuremath{\mathbb{N}}^1 - \hat{E}, \delta [] \dot{Y}' \dot{e}, \cdot, \dot{e}, \dot{Y}, \dot{R}, \dot{E} Z \ddot{Y}, \dot{I}, \dot{e}, \\ & & & \ensuremath{\mathbb{N}}^1 - \hat{E}, \dot{A}, \ddot{U}, \dot{Y}, \dot{I} f \{ f^{f''}, \dot{\delta} f N f \check{S} f b f N, \mu ] A & \ensuremath{\mathbb{N}}^1 - \hat{E}, \dot{\delta} & \ensuremath{\mathbb{N}}^{\varrho}, \\ & & \ensuremath{\mathbb{N}}^1 - \hat{E}, \dot{A}, \ddot{U}, \dot{Y}, \dot{I} f \{ f^{f''}, \dot{\delta} f N f \check{S} f b f N, \mu ] A & \ensuremath{\mathbb{N}}^1 - \hat{E}, \dot{\delta} & \ensuremath{\mathbb{N}}^{\varrho}, \\ & & \ensuremath{\mathbb{N}}^1 - \hat{E}, \dot{\delta} & \ensuremath{\mathbb{N}}^{\varrho}, \\ & & \ensuremath{\mathbb{N}}^1 - \hat{E}, \dot{\delta} & \ensuremath{\mathbb{N}}^{\varrho}, \\ & & \ensuremath{\mathbb{N}}^1 - \hat{E}, \dot{\delta} & \ensuremath{\mathbb{N}}^{\varrho}, \\ & & \ensuremath{\mathbb{N}}^1 - \hat{E}, \dot{\delta} & \ensuremath{\mathbb{N}}^1, \\ & & \ensuremath{\mathbb{N}}^$$

["'IfL□[,'n<sup>1</sup>—Ê,ð□ã,°,é,½,ß,Éfvf‰fX,ð□A‰<sup>1</sup>—Ê,ð‰<sup>2</sup>,°,é,½,ß,Éf}fCfifX,ð‰Ÿ,μ,Ä ‰<sup>2</sup>,³,¢□B

# fCf"f^□[flfbfgftfHf",ð□Å□¬‰»,μ,ÄŽg,¤

#### fCf"f^[[flfbfgftfHf",ðfAfCfRf"‰»,µ,ÄŽg,¤[]ê[]‡[]AŽŸ,Ì"\_,ÉŒä'[]^Ó‰º,³,¢

+HOW TO

+HOW TO

**1** <u>‰¹□º"FŽ</u>,ªflf",Å, ,é,± ,Æ,ðŠm"F,μ,Ä,,¾,,,¢□B

2

<u>fzfbfgfL</u>[[fRf"frfl[[[fVf‡f",ðfZfbf

gfAfbfv,μ,Ä,,¾,,³,¢∏B

3

+HOW TO

□Ý'èf\_fCfAf□fOf{fbfNfX,Åfgfbf vfAfCfRf",Ü,½,Ífgfbfvflf"fR□ [f<flfvfVf‡f",ðflf",É,μ,Ä,-,¾,³,¢□B

- Δ□¬‰»f{f^f"□ifCf"f^□[flfbfgftfHf"fEfCf"fhfE,̉E□ã,Ìf{f^f"□j,ðfNfŠfbfN,·,é,±,Æ,É,æ,Á,Ä□AfCf"f^□[flfbfgftfHf"fEfCf"fhfE,ð□Å□¬‰»,μ,Ä,,¾,³,¢□B
   fCf"f^□[flfbfgftfHf",ªfAfCfRf"‰»,³,ê,Ü,·□B
- $\label{eq:started_st$

,¾,³,¢∏B

- 6 ΀□o,µ,ðŽn,ß,é,½,ß,É,Í□AfzfbfgfL□[,ðŽg,Á,ĉº,³,¢□B
   ‰ï~b,ªŽn,Ü,é,Æ□AfAfCfRf",ÍfNfCfbfNf<f{f{f^\*,ì,æ,¤,È•\ަ,É,È,è,Ü,·□B</li>
- **7** •W□€"I,ÈfTfCfY,ÌfCf"f^□[flfbfgftfHf",ÉŠg'å,·,é,É,Í□A,»,Ì□ã,ðf\_fuf<fNfŠfbfN,µ,Ä,,¾,³,¢□B

# fCf"f^[[flfbfgftfHf",Ì[Ý'è

<u></u>□Ý'è<u>f\_fCfAf□fOf{fbfNfX</u>,ĺ□AŽí□X,ÌflfvfVf‡f",Ì'l'ð,ÉŽg—p,³,ê,Ü,·□B

# <u>fCf"f^[[flfbfgftfHf"</u>]Ý'è,ð]s,¤,É,Í

- 1 flfvfVf‡f"f□fjf…□[,©,ç,Ì□Ý'è,ð'l,ñ,Å<u>□Ý'èf\_fCfAf□fOf{fbfNfX</u>,ðŠJ,<sup>-</sup>,Ä,,¾,³,¢□B flfvfVf‡f",ªflf",Ì□ó'Ô,ÌŽž□A,w,ª•\ަ,³,ê,Ü,·□B
- $\label{eq:constraint} \textbf{2} \quad []\acute{Y}`\acute{e},\mu, \frac{1}{2}, \texttt{c}flfvfVf\texttt{+}f``, \delta`I, \tilde{n}, \mathring{A},, \frac{3}{4}, \frac{3}{4}, \texttt{c}]B$
- **3** []u,n,j]v,ð'l'ð,μ,Ä,,¾,,,¢[]B

# fzfbfgfL[[,Ì[Ý'è

<u>%</u><sup>1</sup><u></u><sup>®</sup><sup>"</sup>FŽ<sup>-</sup><<u>@</u>"\,Í<u></u>Af}fEfX,âfL<u></u>[f{<u></u>[fh,Ì'€<u></u>]ì,È,µ,Å,̉ï<sup>~</sup>b,ð‰Â"\ ,É,·,é,½,ß<u></u>AfCf"f<sup>^</sup>][flfbfgftfHf",ÌfEfCf"fhfE,ª'O-Ê,É,È,¢,©<u></u>A,Ü,½,ÍftfH<u></u>[fJfX,³,ê,Ä,¢ ,È,¢Žž,Å,à<u></u>AfVf‡<u></u>][fgfJfbfgfL<u></u>][,ÌŽg—p,É,æ,è'Ê<sup>~</sup>b,Ì<u></u>]Ú'±<u></u>]A<u></u>]Ø'f,ð‰Â"\ ,É,µ,Ü,·<u>B</u>fL<u></u>[f{<u></u>][fhfVf‡<u></u>][fgfJfbfg,Ì,P,Â,Æ,Ì'g,Ý<u></u>]‡,í,<sup>1</sup>,É,æ,é<u>fzfbfgfL</u>][,ð‰Ÿ,·,± ,Æ,ÅŽÀ<u></u>]s,<sup>3</sup>,ê,Ü,·<u>B</u> fzfbfgfL<u></u>[[fRf"frl][fVf‡f",Í<u></u>]A,½,¢,Ä,¢ ,Ì'¼,ÌfAfvfŠfP][fVf‡f",É,æ,Á,ÄŽg,í,ê,½fL][f{<u></u>][fhfRf}f"fh, ,é,¢ ,ÍfVf‡<u></u>][fgJJfbfg,ÉŠ±<u></u>]Â,µ,Ü,<sup>1</sup>,ñ<u></u>B

### fzfbfgfL[[fRf"frfl[[fVf‡f",ðfZfbfg,•,é,É,Í

- **1** flfvfVf‡f"f□fjf...□[,©,çfzfbfgfL□[,ð'l,ñ,Å,,¾,³,¢□B <u>fzfbfgfL□[f\_fCfAf□fOf {fbfNfX</u>,ªŠJ,«,Ü,·□B
- $2 \quad \check{Z}g-p, \cdot, \acute{e}fzfbfgfL[[fRf"frfl[[fVftf", \delta'l, \tilde{n}, Å, , \frac{3}{4}, 3, \xi]]B$
- **3** []u,n,j]v,ð'l'ð,μ,Ä,,,¾,,3,¢[]B

fzfbfgfL□[,Æ^ê□□,ÉŽg,¤fVf‡□[fgfJfbfg,ÌfŠfXfg,Í□A <u>fzfbfgfL□[fVf‡□[fgfJfbfg</u>,ÅŒ©,é,±,Æ,ª,Å,«,Ü,·□B

### –~–pŽÒ<u></u>]î∙ñ,Ì∙Ï<u></u>X

$$\label{eq:linear_product} \begin{split} & [] \begin{aligned} & \begin{aligne} & \begin{aligne}$$

#### —<sup>~</sup>—pŽÒ<u>□</u>î•ñ,ð•Ï<u>□</u>X,∙,é,É,Í

- **1** flfvfVf‡f"f□fjf...□[,©,ç□A—<sup>~</sup>—pŽÒ□î•ñ,ð'l,ñ,Å,,¾,³,¢□B <u>—<sup>~</sup>—pŽÒ□î•ñf\_fCfAf□fOf{fbfNfX</u>,ªŠJ,«,Ü,·□B
- **2** □V,μ,¢—~—pŽÒ□î•ñ,ð"ü—ĺ,μ,Ä,,¾,³,¢□B
- 3 ENTER,Ì"ü—Í□A, ,é,¢,Í□u,n,j□v,ð'l'ð,µ,Ü,·□B
   , ,È,½,Ì□V,µ,¢—~pŽÒ□î•ñ,Í□AfffBfXfN,ɕۑ¶,³,ê,Ü,·□B

# fVfXfef€∏Ý'è,ÌfefXfg

fVfXfef€[]Ý'è,ÌfefXfg,Í,Q,Â, ,è,Ü,·[]B'æ^ê,É[]AfVfXfef€,<u>ª'S"ñ[]d</u>‰ï~b,ðfTf|[][fg,Å,«,é,©,Ç,¤ ,©Œ^'è,·,é,½,ß,É[]AfVfXfef€,ÉfCf"fXfg[[f<,³,ê,Ä,¢ ,éfl[][fffBfIfffofCfX,ð'²,×,Ü,·[]B'æ"ñ,ÉfVfXfef€<@"\,ªfCf"f^[][flfbfgftfHf",ð"®,©,·,Ì,É]\ •ª,È'¬,³,ðŽ],Â,± ,Æ,ðŠm,©,ß,é^×,É'²,×,Ü,·[]BfCf"f^[][flfbfgftfHf",ð^ê"ÔŽn,ß,É"®,©,µ,½Žž[]AfVfXfef€[]Ý'èf efXfg,ªŽ©"®"I,É"®,«,Ü,·[]B,à,µ]AfVfXfef€ ,É"Á•Ê,Ìfl[][fffBfIfffofCfX,Ü,½,Í'S"ñ[]dfl[][fffBfI,ðfTf]][][fg,µ,Ä,¢ ,é,à,Ì,ðfCf"fXfg[][f<,µ,½,ç]A'S"ñ[]dfl[][fffBfI,Ì^×,ÉfCf"f^][[flfbfgftfHf",ð[]Ý'è,·,é^×,ÌfefXfg,ð, µ,È,<sup>-</sup>,ê,Î,È,è,Ü,¹,ñ[]B fefXfg,·,é'O,É[]Afl[][fffBfIfffofCfX,ðŽg,Á,Ä,¢,éfAfvfŠfP][[fVf‡f",ªŠJ,¢,Ä,¢,È,¢,± ,Æ,ðŠm"F,µ,Ä,,¾,³,¢]]B

# fVfXfef€∏Ý'è,ðfefXfg,∙,é,½,ß,É,Í

- flfvfVf‡f"f□fjf…□[,©,ç□AfVfXfef€□Ý'è,ÌfefXfg,ð'l,ñ,Å,,¾,³,¢□B fVfXfef€"z'ufefXfg,ªŽn,Ü,è,Ü,·□B
  - fefXfg,ªfl□[fffBflfffofCfX,ðŒ©,Â,<sup>-</sup>,ç,ê,È,©,Á,½,ç□AfGf‰□[,ª□o,Ü,·□B,»,Ì,æ,¤,È□ê□‡,É,Í□Afl□[fffBflfffofCfX,ðŽg,Á,Ä,¢,éfAfvfŠfP□[fVf‡f",ðŠJ,¢,Ä,¢,È,¢, ©,à,¤^ê"x'²,×,Ä,,¾,³,¢□B
  - fefXfg,ªfVfXfef€□ã,Éfl□[fffBflfffofCfX,ð,Q,Â^È□㌩,Â,<sup>-</sup>,½,ç□AŽ©"®"I,É—
     D□æf\_fCfAf□fOf{fbfNfX,ªŠJ,«,Ü,·□B,»,µ,Ä,Đ,Æ,Â,ÌfffofCfX,ð□A**Speak**,Ì
     ‰º,Ìinput,É,à,¤,Đ,Æ,Â,ÌfffofCfX,ðListen,̉º,Ìoutput,ÉfZfbfg,µ,Ä,¢,é,©•·,¢
     ,Ä,«,Ü,·□B
  - ,à,µfVfXfef€<@"\,ªfCf"f^[[flfbfgftfHf",ð"®,©,·,Ì,É[]\</li>
     •ª,È'¬,³,ðŽ[],½,È,©,Á,½,ç[AfVfXfef€<@"\,ª—v<[],³,ê,½,à,Ì,Æ"äŠr,·,é,æ,¤,É-Ú— §,½,¹,éf[[fbfZ[[fW,ª[]o,Ü,·[]B

#### ″[**M‰**¹

#### ‰¹<u>□</u>º,ÌŽwަ,ðfZfbfg,∙,é,É,Í

- 1 flfvfVf‡f"f□fjf…□[,©,ç□Ý'è,ð'l,ñ,Å,,¾,³,¢□B
  □Ý'èf\_fCfAf□fOf {fbfNfX, ³ŠJ,«,Ü,·□B
- - ,v,□,-,...fl□[fffBfl,ðŽg—p
  - "à' fXfs[[fJ[[,ðŽg—p

—¼•û, ,é,¢,ĺ,¢,, ,ê,©,Ì□Ý'è,à‰Â"\ ,Å,·□B,à,μWavefl□[fffBflflfvfVf‡f",ªflf",Å□AfCf"f^□[flfbfgftfHf"—~ p,ÌfVfXfef€□ã,ÉfTfEf"fhf{□[fh,ðŒÄ,Ñ□o,·,±,Æ,ª,Å,«,È,¢Žž,Í□A,½,Æ,¦□Ý'è,ª,È,-,Ä,à"à•"fXfs□[fJ□[,ªŽg,í,ê,é,Å,μ,å,¤□B

#### <mark>‰¹□º,ðfJfXf^f}fCfY,∙,é,É,Í</mark>

- 2 fRf"fgf□□[f<fpflf<fEfCf"fhfE,ÅfTfEf"fhfAfCfRf",ðf\_fuf<fNfŠfbfN,µ,Ä,,¾,³,¢□B fRf"fgf□□[f<fpflf<,ÌfTfEf"fhf\_fCfAf□fOf{fbfNfX,ªŠJ,«,Ü,·□B</p>
- **3** fCf"f^□[flfbfgftfHf",ÌfAfef"fVf‡f"□A'Ê<sup>\*</sup>b'†□A, ,é,¢,ÍŒÄ,Ñ□o,μ ‰<sup>1</sup>,ðfTfEf"fhftf@fCf<,Æ□‡,í,<sup>1</sup>,Ä,,<sup>3</sup>⁄<sub>4</sub>,<sup>3</sup>,¢□B

 $ffftfHf < fg, \\ i @^{2}wZ | ftf@fCf <, \\ i @AfCf"f^ [[flfbfgftfHf", ] fffBf@fNfgfS, \\ \acute{E}, \ \dot{e}, \\ \ddot{U}, \\ B = 0 \\ i & i \\ i & i$ 

# flfbfgf[][[fNf[]fO

#### <u>flfbfgf□□[fNf□fO,ðŠJ,⁻,é,É,Í</u>

- flfvfVf‡f"f□fjf…□[,©,çflfbfgf□□[fNf□fO•\ަ,ð'l,ñ,Å,,¾,³,¢□B, ,é,¢,ĺ,e,SfL□[,ð‰Ÿ,μ,Ä,-,¾,³,¢□B
   flfbfgf□□[fNf□fOfEfCf"fhfE,ª•\ަ,³,ê,Ü,·□B□ÅŒã,Ìf□fbfZ□[fW,ª□Å□V,Ì,à,Ì,Å,·□B
- **2** f□fbfZ□[fW,É–Ú,ð'Ê,·,½,ß,É<u>fXfNf□□[f<fo□[</u>,ðŽg,Á,Ä,,¾,³,¢□B

### flfbfgf[][[fNf[f0,ðfNfŠfA,·,é,É,Í

flfvfVf‡f"f□fjf…□[,©,çflfbfgf□□[fNf□fO,Ì□Á<Ž,ð'I,ñ,Å,,¾,³,¢□B flfbfgf□□[fNf□fO,ĺfNfŠfA,³,ê,Ü,·□B

## flfbfgf□□[fNf□fO,ð•Â,¶,é,É,Í

- ŽŸ,Ì,¢,,,ê,©,ð[]s,Á,Ä,,,¾,,³,¢[]B
- Iffbfgf□□[fNf□fOfEfCf"fhfE,ÌfRf"fgf□□[f<f□fjf…□[f{fbfNfX,ôf\_fuf<fNfŠfbfN,·,é□B</p>
- .e,SfL□[,ð‰Ÿ,·□B
- flfvfVf‡f"f□fjf…□[,)flfbfgf□□[fNf□fO•\ަ,ð□Ä"x'l'ð,·,é□B

# fŠf,[[fg[]î•ñfEfBf"fhfE

fŠf,□[fg□î•ñfEfCf"fhfE,ĺ□A, ,È,½,ª'Ê~b,·,é□l,Ìft□[fU□[□î•ñ,ðŒ©,é,½,ß,ÉŽg,í,ê,Ü,·□B'Ê~b,µ,Ä ,¢,È,¢Žž□A□î•ñfEfCf"fhfE,ĺ<u>fNfCfbfNf{f^f</u>,ÅŒ»□Ý□Ý'è't,Ìft□[fU□[□î•ñ,ð•\ ަ,µ,Ü,·□B□î•ñfEfCf"fhfE,Ì—~"\_,Ì^ê,Â,Í□A'ŠŽè,Ì'S,Ä,Ìft□[fU□[□î•ñ,ð•\ަ,·,é,± ,Æ,Å,·□BŒÄ□o,µ<u>f\_fCfAf□fOf{fbfNfX</u>,ÉŒ»,í,ê,é□î•ñ,Í□A•"•ª"I,È,à,Ì,Å,·□B□ifRf□f"fg□s,ª□Ø,è —Ž,Æ,³,ê,Ä,¢,Ü,·□B□j

### fŠf,□[fg□î•ñfEfBf"fhfE,ðŠJ,<sup>-</sup>,é,É,Í

 $[] \hat{\bullet} \tilde{n} f E f C f" f h f E, ^{a} C *, i, \hat{e}, \ddot{U}, \cdot ] B$ 

### <u>□î•ñfEfCf"fhfE,ð•Â,¶,é,É,Í</u>

ŽŸ,Ì,¢,,,ê,©,ð[]s,Á,Ä,,¾,3,¢[]B

# flfbfgf[][[fN"]Œv,Ì•\ަ

flfbfgf [][fN" [] $\mathbb{C}vfEfCf$ "fhfE,Í' ަ,µ,Ä []AfCf"f^ [[flfbfgftfHf",<sup>a</sup>" ® ]`'†ŠJ,<sup>-</sup>,Ä,",,±,Æ,<sup>a</sup>,Å,«,Ü,· ]B,± ,ÌfEfCf"fhfE,Å'ñ<Ÿ,<sup>3</sup>,ê,é [] $\hat{n}$ ,Ì'å•"•<sup>a</sup>,Í [] $\hat{e}$ -å"I<Z []p,Å, ,è ]A"Á,ÉŠÖ []S,Ì, ,é,à,Ì,Å,Í,È,¢ ,©,à,µ,ê,Ü,<sup>1</sup>,ñ []Bflfbfgf [][[fN" [] $\mathbb{C}vfEfCf$ "fhfE,Å,Ì [] $\hat{n}$ -ñ,Í []AfEfCf"fhfE,<sup>a</sup>ŠJ,¢,Ä,¢ ,È,¢Žž,à []A [] $\hat{A}$ []V,Ì,à,Ì,É []X []V,<sup>3</sup>,ê,Ü,· ]B

### flfbfgf\_\_\_[fN"\_]ŒvfEfCf"fhfE,ðŠJ,,É,Í

flfvfVf‡f"f□fjf…□[,©,çflfbfgf□□[fN"□Œv□î•ñ,Ì•\ަ,ð'l,Ñ,Ü,·□B flfbfgf□□[fN"□ŒvfEfCf"fhfE,ª•\ަ,³,ê,Ü,·□B

#### fCf"f^[[flfbfgftfHf""]@vfEfCf"fhfE,ðfNfŠfA,·,é,É,Í

flfvfVf‡f"f□fjf…□[,©,ç"□Œv,ÌfŠfZfbfg,ð'l,Ñ,Ü,·□B flfbfgf□□[fN"□Œv,Ì<L<sup>~</sup>^,ªfŠfZfbfg,<sup>3</sup>,ê,Ü,·□B

#### flfbfgf\_\_[fN"\_@vfEfCf"fhfE,ð•Â,¶,é,É,Í

ŽŸ,Ì,¢,,,ê,©,ð⊡s,Á,Ä,,¾,,,¢⊡B

- flfbfgf□□[fN"□@vfEfCf"fhfE,lfRf"fgf□□[f<f□fjf...□[f {fbfNfX,ðf\_fuf<fNfŠfbfN,μ,Ü,·</p>
- flfvfVf‡f"f□fjf…□[,©,çflfbfgf□□[fN"□Œv,Ì•\ަ,ð□Ä"x'l'ð,µ,Ü,·□B

# "ü**□o**—ĺ"**□**Œv

 $``\Box \textcircled{C}vfEfCf``fhfE, I^`È`‰^{o}, I`\Box \hat{i} \bullet \tilde{n}, \delta \bullet \X_{i}, \mu, U, \cdot \Box B$ 

"ü—ĺfpfPfbfg□FŽó□M,µ,½fpfPfbfg□" □o—ĺfpfPfbfg□F"□M,µ,½fpfPfbfg□" •½<ï‰□•œ'x‰,□Ff<□[fv,µ,½fpfPfbfg,ª'—□MŽÒ,É-ß,é,Ü,Å,Ì•½<ŠÔ □ÁŽ\_fpfPfbfg□F, ,È,½,ÌfVfXfef€,É"ž'B,·,é"r'+,Å□ÁŽ\_,µ,½fpfPfbfg□" 'Ê□M□ÁŽ\_fpfPfbfg□F'ŠŽè,ÌfVfXfef€,É"ž'B,·,é"r'+,Å□ÁŽ\_,µ,½fpfPfbfg□" fGf‰□[,Ì'—□M□Ff,fff€CPU,Ì-â'è,ÅTCP/IP,Å,Ì'—□M,ÉŽ\_"s,µ,½fpfPfbfg□"□i'ŠŽè'¤ ,ÌfVfXfef€,Å,à□A'Ê□M□ÁŽ\_fpfPfbfg,Æ,µ,ÄfJfEf"fg,³,ê,Ü,·□j

# Image: 'ŠŽèŒÄ,Ñ□o,µf\_fCfAf□fOf{fbfNfX

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'ŠŽèŒÄ,Ñ□o,μ<u>f\_fCfAf□fOf{fbfNfX</u>,ĺfCf"f^□[flfbfg□ã,Å'ŠŽè,Æ'Ê<sup>~</sup>b,ð,·,é,½,ß,ÉŽg,í,ê,Ü,·□B,Ü, ½□A<u>fgfsfbfN</u>,Ö,ÌŽQ‰Á□A•sŽQ‰Á,Ì□Ý'è□A□V,μ,¢'ŠŽè,ÌŠm"F,ð,·,é,½,ß,É—<sup>~</sup>—p,Å,«,Ü,·□B

#### f\_fCfAf\_fOf{fbfNfXflfvfVf‡f"

 $, \ddot{U}, \cdot \Box B \Box F \Box \P \check{Z} \grave{e}, \grave{l} f \check{S} f X f g, \acute{l} \textbf{f} \textbf{t} \Box [\textbf{f} \textbf{U} \Box [\textbf{f} \check{S} \textbf{f} X \textbf{f} g, \mathring{A}, \cdot \Box B, \ast, \mu, \ddot{A} & E \check{Z} \grave{e}, \grave{l} f \check{S} f X f g, \acute{l}$ 

‰Á"ü,µ,½fgfsfbfN,ðަ,µ,Ü,· $\Box$ B"<sup>-</sup>Žž,É,P,O,ÌfgfsfbfN,ɉÁ"ü,·,é,±

 $\label{eq:constraint} \end{subarray} \end{subarra$ 

ަ,³,ê,Ü,·□B,à,µ, ,È,½,<sup>a</sup>‰Á"ü,µ,½,·,×,Ä,ÌfgfsfbfN,Ì

 $^{\circ},$ Å,Ìft[[fU[[,ÌfŠfXfgfAfbfv,ð,·,é,½,ß,É,Í[A**'SfgfsfbfN,Ìft**][fU[[•\

**ަ**flf∨fVf‡f",ðf`fFfbfN,μ,Ä,,¾,,,¢∏B

ŠŽe,É"d<sup>\*</sup>b,ð,·,é,½,β,É,ĺ□Aft□[fU□[fŠfXfg,©,ç'ŠŽe,ð'l,ñ,Å□A□u,n,j□v,ð'l'ð,µ,Ä,-,¾,³,¢□B

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ŠYfgfsfbfN,ðʻl'ð,μ□A**fgfsfbfN,Ì'E'Þ**f{f^`f",ðʻl,ñ,Å,,¾,,¢□B

fgfsfbfN, ɉÅ"ü,·,é,©□A, ,é,¢,Ї□V,μ,¢fgfsfbfN,ð□Ì□¬,·,é,½,ß,É,Í□AfgfsfbfN ‰Á"üf{f^f",ð'l,Ñ□AfgfsfbfN‰Á"üf fCfAf□f0f{fbfNfX</u>,ðŠJ,¢,Ä,,¾,³,¢□B

**∮ fjfbfNfl**[**[f€**]A]©**-¼**,É,æ,Á,Äf†[[fU][fŠfXfg,ð•À,ÑŠ·,¦,·,é,±,Æ,ª,Å,«,Ü,·]B

### IgfsfbfN‰Á"üf\_fCfAf□fOf{fbfNfX

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fgfsfbfN‰Á"ü<u>f\_fCfAf□fOf{fbfNfX</u>,ĺfgfsfbfN,ɉÁ"ü,·,é,©□A, ,é,¢ ,ĺ□V,μ,¢<u>fgfsfbfN</u>,ð□ì□¬,·,é,½,ß,ÉŽg,í,ê,Ü,·□BfgfsfbfN,ɉÁ"ü,·,鎞□A, ,È,½,Ì-¼'O,ĺ,»,Ì ‰º,ÅfŠfXfgfAfbfv,³,ê,Ü,·□B,»,μ,Ä, ,È,½,ĺ,»,̉º,ÅfŠfXfgfAfbfv,³,ê,½'¼,Ì—~ pŽÒ,Æ'Ê~b,·,é,±,Æ,ª,Å,«,Ü,·□B

#### f\_fCfAf\_fOf{fbfNfXflfvfVf‡f"

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‰A<sup>∞</sup>u]{j j,oTo,μ,A,,,<sup>9</sup>4,<sup>9</sup>,¢[]BJgJSJbJN,I[]I[]¬,<sup>9</sup>,e[]A <sup>9</sup>4,I[]I,<sup>2</sup>,»,e,E‰A u,·,e,± ,Æ,ª,Å,«,Ü,·[]B,à,¿,ë,ñ[]A,à,μfgfsfbfN,ªŠù,É'¶[]Ý,·,é,È,ç[]A, ,È,½,Í,½,¾,»,ê,É ‰Á"ü,μ,Ü,·[]B,±,ê,ÍfŠfXfg,ð[]X[]V,¹,,,ÉfgfsfbfN,ɉÁ"ü,·,é'[]"¹,Å,·[]B

 "¬,¶,Ž,,"I,ÈfgjsfbfN,ð[ì]¬,·,é,©[A, ,é,¢,ĺ‰Á"ü,·,é,±,Æ,ª,Å,«,Ü,·[B,± ,ê,ç,ÌfgfsfbfN,ĺ[A'¼,ÌfCf"f^[[flfbfgftfHf"ft][fU][,©,ç‰B,³,ê,Ä[AŽ,,"I,ÈfgfsfbfN,Ì]³Šm,È-¼[Ì,ð'm,Á,Ä,¢,é'¼,Ì]I,¾,¬,ª‰Á"ü,Å,«,Ü,·]BŽ,,"I,ÈfgfsfbfN,ð[ì]¬,·,é,©[A, ,é,¢,ĺ
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 ‰Á,¦,ç,ê,Ü,·,ª[A'¼,Ì]I,É,æ,Á,ÄŒ©,ç,ê,é,±,Æ,ĺ, ,è,Ü,¹,ñ[B,à,µ"<sup>-</sup>^ê-¼,ÌfŠfXfgfAfbfv,³,ê,½fgfsfbfN,ªŠù,É'¶[Ý,·,é,È,ç[AfCf"f^][flbfgftfHf",ª'm,ç,¹,Ä,,ê,Ü,·[]B

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#### -¼Žš□if‰fXfgfl□[f€□j

,±,Ìf{fbfNfX,É, ,È, $\frac{1}{2}$ ,Ì- $\frac{1}{4}$ Žš,ð"o~^, $\mu$ ,Ä,, $\frac{3}{4}$ , $^{3}$ ,¢ $\Box$ B

#### fjfbfNfl[[f€

 $fCf"f^{[[flfbfgftfHf"flfbfgf]][[fN][ã,Å, ,È,½,ð"Á'è, , ,éfjfbfNfl][[f€,ð"o^^, \mu,Ä,,¾,3, ]B]}$ 

#### fRff"fg

#### "d~b

, ,È, $\frac{1}{2}$ ,Ì"d~b"Ô[]†,ð"ü—Í, $\mu$ ,Ä,, $\frac{3}{4}$ ,‡]B

#### "dŽqf□□[f‹

, ,È,½,Ì"dŽqf□□[f<fAfhfŒfX,ð"ü—ĺ,μ,Ä,,¾,³,¢□B

# III □Ý'èf\_fCfAf□fOf{fbfNfX

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### f\_fCfAf\_fOf{fbfNfXflfvfVf‡f"

#### fAfvfŠfP[[fVf‡f"fEfCf"fhfE

**□Å**□æ"ª,Å,Í□Å□¬‰»

 $fIf", \dot{I} \check{Z} \Box AfCf"f^\Box[fIfbfgftfHf"fEfCf"fhfE, \dot{I} \Box \mathring{A} \Box \neg ‰ >, ^3, \hat{e} \Box A \Box (i, \acute{E}' \overset{1}{4}, \dot{I} fAfvf \check{S} fP \Box [fVf \ddagger f" ‰ æ - \hat{e}, \dot{I} \Box \check{a}, \acute{E} \cdot \dot{Z} +, ^3, \hat{e}, \ddot{U}, \cdot \Box B$ 

#### 'Ê<sup>~</sup>b,ÌŽž∏A∏æ"ª,Ö

 $flf", \tilde{Z}Z \square AfCf"f^\square[flfbfgftfHf"fEfCf"fhfE, I'N, ©, ^a, , E, ½, E"d"b, \delta, \mu, H, A, «, ½ZZ \square AZ © " ® \bullet (Z, ^3, E, U, \cdot \square B)$ 

### fl□[fffBfl□Ý'è

WAVEfl[][fffBfl,ðŽg—p

flf",ÌŽž□AŠO•",Ì<u>‰¹□º'•'u</u>,ªŽg,í,ê,Ü,·□B

#### "à' fXfs□[fJ□[,ðŽg—p

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°b,∙

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۰.,

,à,μ,Ρ,Â^È□ã,Ìfl□[fffBflfffofCfX,ª, ,È,½,ÌfVfXfef€,Å—~—p‰Â"\,È,ç,Î□A‰¹□º,Ì□o—ĺ,ÉŽg —p,·,é,¢, ,,ê,©,ÌfffofCfX,ðfZfbfg,μ,Ü,·□B

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#### □Ú'±f^fCf€fAfEfgŽžŠÔ□i•b□j

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#### WINSOCK

#### "ñ"⁻ŠúDNS

"⁻Šú"I□A, ,é,¢,ĺ"ñ"⁻Šú"I,È,c,m,r,ðŽg,¤

,©,ð□Ý'è,μ,Ü,·□B□iffftfHf<fg,Í"<sup>−</sup>Šú"I,Å,·□B□j,à,μfzfXfg,Ö,ÌfAfNfZfX,ÉŽx□á,ª, ,é,È,ç,Î□A,± ,ÌflfvfVf‡f",ð•Ï□X,μ,Ä,Ý,Ä,,¾,³,¢□B

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### f\_fCfAf\_f0f{fbfNfXflfvfVf‡f"

ŽŸ,Ì,¤,¿,¢,,,ê,©,ð'l'ð,µ,Ä,,¾,³,¢∏B

- fzfbfgfL□[,È,μ
- Ctrl-Alt
- Ctrl-Sshift
- Alt-Shift

# fNfCfbfNf{f^f", ifZfbfgf\_fCfAf[]f0f{fbfNfX

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#### f\_fCfAf□fOf{fbfNfXflfvfVf‡f"

,±,Ìf\_fCfAf□fOf{fbfNfX,Í,Q,Â,ÌfŠfXfg,ðŽ□,Á,Ä,¢,Ü,·□B:

**□**¶Žè,ÌfŠfXfg,Í**ft□[fUfŠfXfg**,Å,·**□**B,»,μ,ĉEŽè,ÌfŠfXfg,Í

‰Á"ü,μ,½fgfsfbfN,ðަ,μ,Ü,· $\Box$ B, ,È,½,Í"<sup>-</sup>Žž,É,P,O,ÌfgfsfbfN,Ü,'nÁ"ü,·,é,±

 $\label{eq:constraint} \ensuremath{\mathcal{A}}\xspace, \ensuremath{\hat{e}}\xspace, \ensuremath{\hat{e}}\xs$ 

 $, \acute{e'}_{4}, ift_{[[fU_{[}]}, \deltaf\check{S}fXfg \bullet \check{Z}_{1}, \mu, \ddot{U}, \Box B, \dot{a}, \mu, , \dot{E}, \overset{1}{_{2}}, \overset{a}{_{2}} & \acute{A}`````````, \times, \ddot{A}, ifgfsfbfNft_{[[fU_{[}]}, \delta, ^{2}---)]$ 

,É,È,è,½,¢,È,ç□A**'SfgfsfbfN,ɉÁ"ü,μ,½ft□[fU,ð•\Ž**¦,ðf`fFfbfN,μ,Ä,,¾,³,¢□B []-

 $\frac{1}{4}$  "o~^fNfCfbfNf{f^f", $\delta$ fZfbfg, $\cdot$ , $\acute{e}$ , $\frac{1}{2}$ , $\beta$ , $\acute{E}$ , $\acute{I}$ [fU[[fŠfXfg, $\mathbb{C}$ ,c, $\acute{I}$ 'ŠŽè, $\delta$ 'I, $\widetilde{n}$ , $\mathring{A}$ ]A[]u,n,j]v, $\delta$ 'I' $\delta$ ,  $\mu$ , $\ddot{A}$ , $\frac{3}{4}$ , $\overset{3}{4}$ , $\overset{3}{4}$ , $\overset{3}{6}$ 

fgfsfbfN,Ö,̉Á"ü,ð,â,ß,鎞,Í□A

‰Á"üfgfsfbfNfŠfXfg,©,ç,»,ê,ð'l,ñ,Å□AfgfsfbfN,Ì'E'Þf{f^f",ð'l'ð,µ,Ä,,¾,³,¢□B gqsfbfN,ÉŽQ‰Á,·,é,©□A, ,é,¢,Í□V,µ,¢fqfsfbfN,ð□ì□¬,·,é,½,ß,É,Í□AfqfsfbfN

**∞Á"ü**f{f^f",ð'l,Ñ□A<u>fgfsfbfN‰Á"üf\_fCfAf</u>□f**0f{fbfNfX**,ðŠJ,⁻,Ä,,¾,³,¢□B

**fjfbfNfl**[[**f€**]A-¼'O]iftf@][**fXfgfl**[**f€**]j, ,é,¢,ĺ-¼Žš[if‰fXfgfl][**f€**]j,¢, ,,ê,Å,àft][fU][fŠfXfg,ð•À,ÑŠ·,¦,é,±,Æ,ª,Å,«,Ü,·]B

# IRC []Ú'±f\_fCfAf[]fOf{fbfNfX

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,∙,é,½,ß,ÉŽg,í,ê,Ü,·□B**fCf"f^**□**[flfbfgftfHf"fT**□**[fo**□**[,É**□**Ú'±** 

,³,ê,È,<sup>-</sup>,ê,Î ]AfCf"f^][flfbfg ]ã,Å,ÌfRf~f...fjfP ][fVf‡f",ð ]s,¤,±

**,Æ,Í,Å,«,Ü,¹,ñ**□**B**fT□[fo□[,Í□³<K,ÌfCf"f^□[flfbfgftfHf"fT□[fo□[,Å,È,,Ä,Í, ,¢,Ü,¹,ñ□B fT□[fo□[,É□Ú'±,·,é,Æ□AfCf"f^□[flfbfgftfHf",Í, ,È,½,ª'O‰ñ□Ø'f,µ,½Žž,ÉŽQ‰Á,µ,Ä,¢ ,½fgfsfbfN,É□AŽ©"®"I,É, ,È,½,Ì-¼'O,ðfŠfXfgfAfbfv,µ,Ü,·□B

### f\_fCfAf\_fOf{fbfNfXflfvfVf‡f"

,Â,Å,à□AfCf"f^□[flfbfgftfHf"fT□[fo□[,ÉŽ©"®"l,É~AŒ<,·,é,½,ß,É□A<N"®ŽžflfvfVf‡f",É, ,é**fvf** □**fOf‰f€<N"®Žž□AŽ©"®**□**Ú'±**,ðf`fFfbfN,µ,Ä,¨,¢,Ä,,¾,³,¢□B

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# IRC∐Ú'±

 $fCf"f^{[[flfbfgftfHf",\deltafT][fo,É]U'\pm,\mu,Ä,,3,4,3,4]BfCf"f^{[[flfbfg]]ã,Å}$  %i~b,·,é,½,ß,É,lfCf"f^{[[flfbfgftfHf"fT][fo,É]U'\pm,\mu,È,,Ä,l,È,è,Ü,¹,ñ]B

### IRC**∏Ø'f**

 $fCf''f^{[[f]}bfgftfHf''fT_{[fo,\mathcal{E},\dot{l}]}\dot{U}'\pm,\delta_{[}}\partial''f,\mu,\ddot{A},,\overset{3}{,},\dot{A}_{$ 

# 'ŠŽèŒÄ,Ñ<u></u>o,µ

´Ê<sup>~</sup>b,µ,Ü,·□B´Ê<sup>~</sup>b,·,é'ŠŽè,ð'l'ð,·,é,½,ß,ÉfgfsfbfNfX,ÉŽQ ‰Á,µ,½,è□AfgfsfbfNfX,ð□ì□¬,µ,½,èfgfsfbfNfX,ð,Ê,<sup>-</sup>,½,è,·,é,½,ß,ÉŽg,¢,Ü,·□B

# ′Ê<sup>~</sup>b,Ì<u></u>Ø′f

, ,ç,ä,éŒÄ,Ñ□o,μ□A‰ï~b,ð"r'†,Å□Ø'f,μ,Ü,·□B

# "o~^

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Internet Phone **II-**<sup>1</sup>

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# Ž©"®Žó]M

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•·,/~̃b,·Žè"®∏ØŠ·

<u>‰¹□º"FŽ⁻'•'u Activation</u>,ªŽg,¦,È,,È,è,Ü,·□BfL□[f{□[fh,©f}fEfX,ÅŽè"®,É,æ,è'Ê<sup>~</sup>b,µ,Ü,·□B

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# ∏Ý'è

<u></u>□Ý'è<u>f\_fCfAf□fOf{fbfNfX</u>,ÅfCf"f^□[flfbfgftfHf",Ì<u>□Ý'è</u>,ð,μ,Ü,·<u>□</u>B

# ‰¹—ÊfŒ,×f‹,ÌfZfbfg

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### fzfbfgfL[[

fzfbfgfL<u>[[f\_fCfAf]fOf{fbfNfXf\_</u>fCfAf]]fOf{fbfNfX,Å]A<u>fzfbfgfL</u>[],ðfZfbfg,μ,Ü,·]]B

—<sup>~</sup>—pŽÒ∏î∙ñ,ð"o<sup>~</sup>^,μ,Ü,∙∏B

## 'ŠŽè'¤□î∙ñ,Ì∙∖ަ

 $fNfCfbfNf{f^f",}^{@}, \hat{\} [], , \acute{e}, \acute{e}, \hat{\} A-[], ðŽæ, \acute{e}[], \hat{f}+[][fU[]^{o}, \delta \bullet \ \dot{Z}, ., \acute{e}f+[][fU[]^{o}, \tilde{n}fEfBf"fhfE, ašJ, «, Ü, ·]B$ 

## flfbfgf[][[fNf[]fO,Ì•\ަ

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## "**]**Œv,ÌfŠfZfbfg

flfbfgf□□[fN"□ŒvfEfBf"fhfE,Å"o<sup>~</sup>^,³,ê,½□î•ñ,ð□Á<Ž,μ,Ü,·□B

### -ÚŽŸ

 $fCf"f^[[flfbfgftfHf"fwf<fvfCf"fffbfNfX,\delta\bullet\],\mu,U,\cdot\_B$ 

## ·°Ü°ÄÞ,ÅŒŸ∏õ…

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VocalTec,©,ç<Z□pfTf|□[fg,ðŽó,⁻,é,½,ß,Ì□î•ñ,ª, ,è,Ü,·□B

### fgf‰fuf‹,̉ðŒ^

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### "o<sup>~</sup>^⁰°ÄÞŽæ"¾∙û-@

 $fCf"f^[[flfbfgftfHf",\delta'] \bullet \P, \cdot, \acute{e} \bullet \hat{u} - @, \acute{E}, \hat{A}, ¢, \ddot{A}]\hat{\iota} \bullet \tilde{n}, \overset{a}{=}, \ \dot{e}, \ddot{U}, \cdot]B$ 

## ÎÞÀÝ¥□□,«□o,μ,Ì∙\ަ

### fCf"f^[[flfbfgftfHf"'[],í,©,è

flf",Ì□ó'Ô,Ì,Æ,«□A'□•ª,©,è,ÅfCf"f^□[flfbfgftfHf"<@"\,ª,í,©,è,Ü,·□B

### fCf"f^[[flfbfgftfHf",É,Â,¢,Ä...

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,³,ç,É"o˜^□î•ñ□AfEfBf"fhfEfYf\fPfbfgfo□[fWf‡f",Ɖ¹□º,Ì"ü□o—

## ftf@f"fNfVf‡f"fL[[

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### ftf@f"fNfVf‡f"fL[[

To Press

fwf‹fv,ðŒ©,Ü,· F1 'ŠŽè,ÌŒÄ,Ñ□o,μ,ð, F2 μ,Ü,· fCf"f^□[flfbfgftfHf" F8 fEfBf"fhfE,ð□k□¬ ‰»,Ü,½,Í□Å'å ‰»,μ,Ü,· ΀,Ñ□o,μ,Ü,½,Í'Ê~ F9 b,Ì□Ø'f,μ,Ü,·

## fL[[f{[[fhfVf‡][fgf]fbfg

 $f f f X, l`a, i, e, f L [[f [ [[fhfVf ] [[fgf]fbfg, \delta Žg, ¤, ±, Æ, ª, Å, «, Ü, · ]]B$ 

#### fL[[f{[[fhfVf‡][fgf]fbfg

<u>To</u>	Press
fNfCfbfNf{f^f",ð'l, Ñ,Ü,·*	Arrow keys
'ŠŽè,ðŒÄ,Ñ□o,µ,Ü,	ENTER
ʻlʻð,μ,½f{f^f",Ì	SPACE
‰º,É, ,鑊Žè,ðŒÄ,	
Ñ <u>□</u> o,μ,Ü,·	
ŒÄ,Ñ∏o,μ,Ü,½,Í	ESCAPE
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"Ô[]†∙t,⁻,í,ê,½f{f^f	ALT+Digit
",̉º,É, ,鑊Žè,ð	
ŒÄ,Ñ <u>□</u> o,μ,Ü,∙	
‰¹—	PLUS**
ÊfŒfxf<,ð∏ã,°,Ü,∙	
‰¹—ÊfŒfxf<,ð	MINUS**
‰º,°,Ü,∙	
	(

\* 'I,Î,ê,½f{f^f",Ì□I,Ì-¼'O,ÍfnfCf‰fCfg•\ަ,³,ê,Ü,·□B \*\*



fCf"f^[[flfbfgftfHf",Ì[]³<K,Ìfo[[fWf‡f",ð,¨<[],ß,Å,È,¯,ê,Όŗ L,Ì"o˜^fR[[fh,ðŽ[,Â,±,Æ,ª,Å,«,Ü,¹,ñ[]B

#### fCf"f^[[flfbfgftfHf",Ì"o<sup>~</sup>^,³,ê,Ä,¢,È,¢fRfs[[,ðŽg,¤

fCf"f^\_[[flfbfgftfHf",Ì"o~^,³,ê,Ä,¢,È,¢fRfs\_[[,Í-³—¿,Å\_AfCf"f^\_[[flfbfgftfHf",ð•]‰ ¿,·,é,½,ß,ÉŽg,í,ê,Ü,·]B

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- ,U,O•b,¾,⁻,É'Ê~b,ª□§ŒÀ,³,ê,Ü,·□B
- ∞ï˜b,ð□s,Á,½Œã□ĀŽ©"®"I,É□Ī—¹,µ,Ü,·□B

#### fCf"f^[[flfbfgftfHf",ð"o<sup>~</sup>^'O,É,R,O"úŠÔŽŽ—p,·,é,±,Æ,ª,Å,«,Ü,·[]B

#### Š®'S,ÉfCf"f^□[flfbfgftfHf",ðŽg,¤ ,½,ß,É,Í"ÆŽ©,Ì"o<sup>~</sup>^fR□[fh,ÌŠ®'S,Èfo□[fWf‡f",ð,¨‹□,߉º,³,¢□B

Š®'S,Èfo□[fWf‡f",ð"f,¤,±,Æ,ĺŠÈ'P,Å,·□BŠÈ'P,È□\,µ□ž,ÝftfH□[f€,ðfCf"f^□[flfbfg,Å'¼□Ú'— ,Á,ĉº,³,ê,ÎŒ‹□\,Å,·□B,à,¿,ë,ñ"d~b, ,é,¢,ĺftf@fNfVf~fŠ,É,æ,Á,Ä~A—□,ðŽæ,é,± ,Æ,à,Å,«,Ü,·□B

**□\**□ž,ÝfţfH□[f€,ðʻ—,é,É,Í□A^ȉº,Ì,¢,,,ê,©,ð□s,Á,ĉº,³,¢□B

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**URL:** http://www.mki.co.jp/iphone.html

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"dŽqf\_\_\_[f<fAfhf@fX: iphone@pc.mki..co.jp

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**FAX No:** 03-3237-6489



#### fCf"f^[[flfbfgftfHf",É,Â,¢,Ä-â'̯è, ,é,¢,ĺ‹^-â,ª, ,ê,Î

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[Å]V<Z]p,Æ,³,ç,É<sup>1</sup>/2,,Ìfgf‰fuf<<sup>™</sup>ðŒ<sup>1</sup>,û-@,ð‰ä]X,ÌfTfCfg<sup>1</sup>

http://www.mki.co.jp/iphone.html,É,¨,¢,ÄŒ©,é,±,Æ,ª,Å,«,Ü,·□B

,à,μ,±,ê,Å,à•s-¾,È"\_,ª, ,ê,Ήä□X,É"dŽqf□□[ʃ<f□fbfZ□[fW,ð'—,Á,ĉº,³,¢□B<Z□pfTf] □[fgfGfLfXfp□[fg,ª□A‰Â"\,ÈŒÀ,è'¦□À,ɉð"š,ð'ñ<Ÿ,μ,Ü,·□B</p>

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ŽŸ,Ì□î•ñ,ð,¨'m,ç,¹‰º,³,¢□B

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- "K"-,ÆŽv,í,ê,é'¼,Ì,¢,©,È,é□î•ñ,Å,à-¾<L,μ,Ä,,¾,³,¢□B</p>
  - $\%^{1/2} ``x-\hat{a}`\dot{e}, \dot{I} < N, <\!\!\! <, \ddot{U}, \mu, \frac{1}{2}, © \square H, \\ >, \hat{e}, \dot{I} \\ \textcircled{C}J, \dot{e} \bullet \\ \hat{O}, \mu < N, <\!\!\! <, \ddot{U}, \cdot, \\ © \square H$
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    □¬,Å,·,©□HfCf"f^□[flfbfgftfHf",ðfEfBf"fhfEfY,Å,È,¢ŠÂ<«(NT, Unix, Mac, OS/2),Å"®,©,µ,Ä,¢,Ü,·,©□H</li>
  - ,à,μ-â'è,<sup>ª</sup>‰ï~b,ÌŠÔ,É<N,«,½,È,ç,Å,«,éŒÀ,è'ŠŽè,É,Â,¢,Ä,Ì"K□Ø,È□î•ñ,ð‰Á,¦,Ä</li>
    ‰<sup>0</sup>,<sup>3</sup>,¢□B,±,Ì□î•ñ,ÍflfvfVf‡f"f□fjf...□[,©,ç□î•ñ,Ì•\ަ fRf}f"fh,ð'l,ÔŽž□A•\ ަ,<sup>3</sup>,ê,Ü,·□B

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  - IPHONE.INI ftf@fCf<,ðfEfBf"fhfEfYfffBfŒfNfgfŠ,É"ü,ê,Ü,·□B

**iphone@pc.mki..co.jp.**,É"dŽqf $\Box$ [fd]fbfZ $\Box$ [fW,ð'—,Á,Ä,,¾,³,¢ $\Box$ B ‰ä $\Box$ X,Í"š,¦,ð'—,é,© $\Box$ A, ,é,¢,͉"\,ÈŒÀ,è'¦,²•ÔŽ-,µ,Ü,· $\Box$ B

## fCf"f^[[flfbfgftfHf"fEfBf"fhfEfp[[fc

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- □ f^fufL□[,ð‰Ÿ,μ□AŠó–],·,é•"•ª,ªfnfCf‰fCfg•\ަ,μ,½,Æ,±,ë,Å□AfGf"f^□[fL□[,ð‰Ÿ,μ,Ä ‰<sup>ϼ</sup>,³,¢□B



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fAfCfhf<f,[[fh IRC IRCfCf"fWfP[[f^[[ **IPfAfhfŒfX** In/OutfCf"fWfP[[f^[[ ^³∏kvdf fCf"f^[[flfbfgftfHf"fT][fo Winsock ‰¹<u></u>⁰″FŽ⁻ ‰¹∏º″FŽ⁻fŒfxf< ‰¹∏⁰,ÌŒ`Ž® ‰¹<u></u>]⁰,ÌŽwަ ‰¹—Êfcf}f~ -,©fNfCfbfNf{f^f" fRf"fgf□□[f<f□fjf...□[f{fbfNfX -,<sup>3</sup>-**□Å□**¬‰»fEfBf"fhfE **□Å□**¬‰»f{f^f" fTfEf"fhf{[][fh Ž©"®Žó**⊡Mf,**□[fh fXfNf[][[f<fo][ fXfe[[f^fXfo][ Speakingf, [[fh 'S"ñ]d f\ftfgfEfFfA^3∏k -,<sup>1</sup>/2f^fCfgf<fo[[ f\_fCfAf\_fOf{fbfNfX fc[[f<fo[[ ′Ê<sup>~</sup>b,Ì∏Ø′f TCP/IP fgfsfbfN

-,È-

fjfbfNfl□[f€ flfbfgf[][[fNf[]fO -,Ífn[[fhfEfFfA^3]k ″¼"ñ]d fvf‰fCfx[[fgfgfsfbfN fzfbfgfL[[ -,Üf}fjf...fAf<□ì"® f⊡fbfZ**□[fW**□s f□fjf...□[fo□[ -,âft□[fU]î∙ñ ΀,Ñ<u>□</u>o,μ -,ç-Listeningf,[[fh –~–pŽÒ<u></u>ĺÝ'è -,í-

f\_fCf<ÄÞfJ\_[fhf{f^f"

#### fjfbfNfl[[f€

 $\begin{aligned} \textbf{fjfbfNfl} [[f \in , \hat{f}Cf"f^{[]}[f]bfgftfHf"flfbfgf]] [[fN] \tilde{a}, \hat{A}, , \dot{E}, \frac{1}{2}, \delta"\dot{A}' \dot{e}, \cdot, \acute{e}ftj] [[fN, \dot{E}, X \bullet \P \check{Z} \check{s}, \hat{A}, \cdot] B, , \dot{E}, \frac{1}{2}, \hat{I} ] A & B^{\hat{e}}, \hat{I} ] fbfNfl [[f \in , \delta \check{Z}g, i, \dot{E}, , \ddot{A}, i, \dot{E}, \dot{e}, \ddot{U}, ^{1}, \tilde{n} ] B, \dot{a}, \mu flf"f \% fCf" ] \tilde{a}, \hat{A} \check{S} \check{u}, \acute{E}, \pm, \dot{I} - \frac{1}{4}'O, \delta \check{Z}g, \acute{A}, \ddot{A}, \phi, \dot{E}, \dot{E}, \dot{e}, \dot{L}, \dot{E}, \dot{e}, \dot{C}, \hat{I} ] A & U, \frac{1}{2}, \dot{E} f j f b f N f l [[f \in , \delta" \ddot{u} - i, \mu, \dot{E}, \bar{-}, \varsigma, \hat{I}, \dot{E}, \dot{e}, \ddot{U}, ^{1}, \tilde{n} ] B ] V, \mu, \phi f j f b f N f l [[f \in , \delta" \ddot{u} - i, \mu, \dot{E}, \bar{-}, \varsigma, \hat{I}, \dot{E}, \dot{e}, \ddot{U}, ^{1}, \ddot{n} ] B ] V, \mu, \phi f j f b f N f l [[f \in , \delta" \ddot{u} - i, \mu, \dot{E}, \bar{-}, \varsigma, \hat{I}, \dot{E}, \dot{e}, \ddot{U}, ^{1}, \ddot{n} ] B ] V, \mu, \phi f j f b f N f l [[f \in , \delta" \ddot{u} - i, \mu, \dot{E}, \bar{-}, \varsigma, \hat{I}, \dot{E}, \dot{e}, \ddot{U}, ^{1}, \ddot{n} ] B ] V, \mu, \phi f j f b f N f l [[f \in , \delta" \ddot{u} - i, \mu, \dot{E}, \bar{-}, \varsigma, \hat{I}, \dot{E}, \dot{e}, \ddot{U}, \hat{I}, \ddot{n} ] B ] V, \mu, \phi f j f b f N f l [[f \in , \delta" \dot{u} - i, \mu, \dot{E}, \bar{-}, \varsigma, \hat{I}, \dot{E}, \dot{e}, \ddot{U}, \hat{I}, \ddot{n} ] B ] V, \mu, \phi f j f b f N f l [[f \in ], \delta" \dot{u} - i, \mu, \dot{E}, \dot{e}, \dot{U}, \hat{I}, \ddot{n} ] B ] V, \mu, \phi f j f b f N f l ] [f \in ], \delta" (u^{-1}, \hat{u}, \dot{e}, \dot{e}, \dot{U}, \dot{e}, \dot{E}$ 

‰¹<u></u>]⁰,ÌŒ`Ž®

$$\begin{split} \mathsf{WAVftf}@\mathsf{f}\mathsf{C}\mathsf{f}^{,a}\mathbf{m^{1}}\square^{e}, \mathbf{\hat{l}}\mathbf{E}^{,\mathbf{\tilde{Z}}}\otimes, \mathbf{\hat{l}}, \mathsf{P}, \mathbf{\hat{A}}, \mathcal{E}, \mathbf{\hat{e}}, \mathbf{\ddot{U}}, \cdot \square \mathsf{B}, \mathbf{\hat{s}}, \mathbf{\hat{e}}, \mathbf{\hat{l}}_{4}, \mathbf{\hat{e}} \mathbb{m}^{1}\square^{e}, \mathbf{\hat{l}} \mathbb{C}^{,\mathbf{\tilde{Z}}}\otimes, \mathbf{\hat{s}}^{-1}\square^{e}, \mathbf{\hat{l}}, \mathbf{\tilde{Z}} \otimes, \mathbf{\hat{s}}^{-1}\square^{e}, \mathbf{\hat{l}} \otimes, \mathbf{\hat{s}}^{-1}\square^{e}, \mathbf$$

‰¹<u>∏</u>⁰,ÌŽwަ

**‰<sup>1</sup>**]**°**,**ÌŽwŽ**¦,ÍŒÄ,Ñ]o,µ,ð,·,鎞]A, ,é,¢,ÍŒÄ,Ñ]o,µ,ð,¤,<sup>-</sup>,鎞]A‰ñ]ü,ªŽg—p'†,ÌŽž,É•·,±,,;éfTfEf"fh,Å,·]B,»,ê,ç,ÍfTfEf"fhf{][fh, ,é,¢,Í"à•"fXfs][fJ][,©,ç]Ä]¶,·,é,±,Æ,ª,Å,«,Ü,·]B

#### Ž©"®Žó**⊡Mf,**□[fh

**Ž©"®Žó**□**Mf,**□[**fh**,ĺŽó□M,ðŠÈ'P,É,·,é,à,Ì,Å,·□Bflf",ÌŽž□AfAfNfZfX,ª'¼,¿,É□s,í,êŒÄ,Ñ□o,µ,Ä, «,½'ŠŽè,ª,·,®,É, ,È,½,Æ~b,ðŽn,ß,é,±

 $\label{eq:constraint} $$ $ \mathcal{A}_{*}, \mathcal{A}_{*$ 

΀,Ñ<u>□</u>o,μ

**΀,Ñ**□**ο,μ**,ĺ,h,q,b,ð'Ê,¶,Ä'ŠŽè,Æ,̉ï~b,ð□s,¤,½,ß,É~A—□,μ,æ,¤,Æ,·,鎎,Ý,Å,·□B

#### fgfsfbfN

**fgfsfbfN**, Í—<sup>~</sup>—pŽÒ,<sup>a</sup>[]ì[¬,·,é[A, ,é,¢,ĺ‰Á"ü,·,é,± ,Æ,<sup>a</sup>,Å,«,éfCf"f^][flfbfgftfHf"flfbfgf]][[fNfOf<[[fv,Å,·]B,í,©,è,â,·,¢-¼'O,ð,Â,¯,é,± ,Æ,ð'E,ß,Ü,·,<sup>a</sup>]AfgfsfbfN,Í,Ç,ñ,È-¼'O,Å,àŽg,¤,±,Æ,<sup>a</sup>,Å,«,Ü,·]BfgfsfbfN,É ‰Á"ü,·,鎞[A,»,Ì]I,Ì-¼'O,Í,»,̉<sup>2</sup>,ÅfŠfXfgfAfbfv,<sup>3</sup>,ê]AfgfsfbfN,É ‰Á"ü,·,é'¼,Ì]I,<sup>a</sup>,»,Ì]I,Æ~A—[],ðŽæ,é,±,Æ,<sup>a</sup>,Å,«,Ü,·]BfgfsfbfN,Ì ‰<sup>2</sup>,ÉfŠfXfgfAfbfv,<sup>3</sup>,ê,½]I,<sup>a</sup>,<sup>3</sup>/4,ê,à,¢,È,¢Žž[A,»,ê,Í•Â,¶,ç,ê,Ü,·]B ^³□k,u,c,e

^**3\LVDF**, ÍVocalTec VCfJ**\[fh,Ìfn\[fhfEfFfA**<sup>\$\$1</sup>**\]**<sup>\$\$2</sup>**\]**<sup>\$\$2</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$2</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>**\]**<sup>\$1</sup>

### fRf"fgf□□[f<f□fjf...□[f{fbfNfX

**fRf"fgf**]][**[f<f**]**fjf...**]**[f{fbfNfX**,Í]Af^fCfgf<f0][,̉E'¤

,É^Ê'u,µ $\Box$ AfCf"f^ $\Box$ [flfbfgftfHf"fEfBf"fhfE,ÌfRf"fgf $\Box$ [f<f $\Box$ fjf... $\Box$ [,ðŒÄ,Ñ $\Box$ o,·,½,ß,ÉŽg,í,ê,Ü,· $\Box$ B f\_fuf<fNfCfbfN,·,é,ÆfCf"f^ $\Box$ [flfbfgftfHf", $^{a}\Box$ I—<sup>1</sup>,µ,Ü,· $\Box$ B

## f\_fCfAf□fOf{fbfNfX

**f\_fCfAf**□**fOf {fbfNfX**,ĺŠm"F,Ü,½,ĺ•Ï□X,Å,«□A—<sup>~</sup>—p‰Â"\,ÈfRf}f"fhflfvfVf‡f",ð•\ ަ,∙,éf{fbfNfX,Å,·□B

# 'Ê<sup>~</sup>b,Ì<u></u>Ø'f

$$\label{eq:connect_button} \begin{split} & \textcircled{\basel{eq:connect_button}} & \overbrace{\basel{eq:connect_button}} & \rule{\basel{eq:connect_button}} &$$

'S"ñ]d

,¢,,Â,©,Ìfl□[fffBflfJ□[fh,Í**'S"ñ**□**d**,ðfTf|□[fg,µ,Ü,·□B,»,ê,ç,Í"<sup>-</sup>Žž,É□Ä□¶□A<sup>^</sup> ‰¹,ð,µ,Ü,·□B,Ü,½□A,Đ,Æ,Â,ÌfVfXfef€,É,Q,Â,ÌŠî-{fl□[fffBflf{□[fh,ðfCf"fXfg□[f<,·,é,± ,Æ,É,æ,Á,Ä'S"ñ□dfl□[fffBfl,É,·,é,±,Æ,ª‰Â"\ ,Å,·□B'S"ñ□dfl□[fffBfl,Æ,Í'ŠŽè,Æ"<sup>-</sup>Žž,É<sup>~</sup>b,µ□A•·,,±,Æ,ª,Å,«,é,Æ,¢,¤,±

 $\mathcal{F}_{\mathcal{F}}^{\mathcal{F}} = \mathcal{F}_{\mathcal{F}}^{\mathcal{F}} = \mathcal{F}_{\mathcal$
″¼"ñ]d

,¢,,Â,©,Ìfl[[fffBflfJ[[fh,Í**"¼"ñ**[]**d**,μ,©fTf|[[fg,μ,Ü,¹,ñ[]B,»,ê,ç,Í"<sup>-</sup>Žž,É[]Ä[]¶[]A<sup>~</sup>^ ‰¹,ª,Å,«,Ü,¹,ñ[]B,Â,Ü,è‰ï<sup>~</sup>b,ÌŠÔ[]A'ŠŽè,ÆŒð'Ö,Å<sup>~</sup>b,³,È,<sup>-</sup>,ê,Î,È,è,Ü,¹,ñ[]B

### f\ftfgfEfFfA^³∏k

**f\ftfgfEfFfA^**<sup>3</sup>□**k**,Í—<sup>~</sup>—p‰Â<sup>°</sup>\,È'Ñ<sup>^</sup>æ•□,Ì<sup>^</sup>ê•<sup>"</sup>•<sup>ª</sup>,¾,<sup>¬</sup>,ð—<sup>~</sup>—p,µŒø—¦"I,ÈfRf~f... fjfP□[fVf‡f",ð□I—¶,µ,Ä,¢,Ü,·□BfŠfAf<f^fCf€ ,Å□<sup>⁰</sup>,ð<sup>^</sup>3□k□L<sup>'</sup>·,·,é,½,ß,ÉfCf"f<sup>^</sup>□[flfbfgftfHf",ÅŽg,í,ê,Ä,¢,Ü,·□B

## fn[[fhfEfFfA^3]k

fVfXfef€[]ã,É **VocalTec VC fJ**[**[fh**,ðfCf"fXfg][f<,·,ê,Î]AfCf"f^][flfbfgftfHf",Í'å•],É ‰<sup>1</sup>]⁰fRf~f...fjfP][fVf‡f",Ì'¬"x,ÆŒø—¦,ð‰ü'P,·,é**fn**]**[fhfEfFfA^**³]k,ðŽg,¢,Ü,·]Bf\ ftfgfEfFfA<sup>3</sup>]k,Æ<sup>^</sup>Ù,È,è]Afn][fhfEfFfA<sup>3</sup>]k,Í"Á,É]IŠÔ,Ì]⁰,Ì<sup>3</sup>]k,Ì,½,ß,ÉfffUfCf",³,ê,½<— Í,ÈfAf<fSfŠfYf€,ðŽg,Á,ÄŽÀŒ»,³,ê,Ü,·]B

# fzfbfgfL[[

 $fCf"f^[[f]fbfgftfHf"fVft][fgfJfbfgfL[[,Æ,l'g,Ý[]t,í,1,Å,l]$ **fzfbfgfL** $[[,É,æ,e]A'¼,lfAfvfŠfP[[fVft] f",ðŽg—p't,Å,afCf"f^[[f]fbfgftfHf",ðŽg,¤,±,Æ,ª,Å,«,Ü,·[]B$ 

#### fAfCfhf<f,[[fh ■

‰ï˜b'†,Q□l,Ì,¢, ,,ê,à˜b,ð,µ,Ä,¢,È,¢Žž**fAfCfhf<f,□[fh**,Æ,È,è,Ü,·□B

# fCf"f^[[flfbfgftfHf"fT][fo

'¼,ÌfCf"f^ [[f]fbfgftfHf"ft][fU,ÉfAfNfZfX,·,é,½,ß,É]AfCf"f^ [[f]fbfgftfHf"flfbfgf]][[fN,É]Ú'±, ,µ,È,,Ä,Í,È,è,Ü,¹,ñ]B,±,Ìflfbfgf]][[fN,É,Í**fCf"f^** [**[f]fbfgftfHf"fT**[**[fo**,Ì,P,Â,É]Ú'±,·,é,± ,Æ,É,æ,Á,ÄŽQ‰Á,Å,«,Ü,·]B,±,ê,ç,ÌfT][fo,ĺfCf"f^ [[f]fbfgftfHf"ft][fU,ÌŠÔ,ÅfRf~f... fjfP][fVf‡f",·,é,½,ß,ÌIRCfT][fo,Å,·]B•W]€IRCfT][fo,Å,ĺfCf"f^ [[f]fbfgftfHf"flfbfgf]][[fN,É]Ú' ±,·,é,±,Æ,ª,Å,«,Ü,¹,ñ]BfCf"f^ [[f]fbfgftfHf"flfbfgf]][[fN,Í—~p‰Â"\,Èft][fU,Ì-¼'O,ÆfgfsfbfN,ðŽ],Âflf"f‰fCf""d~b',ð'ñ<Ÿ,µ,Ü,·]B,µ,©,µ'¼,Ìft][fU,Æ,ÌŠÔ,ÌfRf~f... fjjfP][fVf‡f",ĺ'¼,Ì,Ç,ñ,È'‡‰î,à'Ê,³, '¼]ÚfCf"f^ [[f"ffbfg]ã,Å]s,í,ê,é,±,Æ,ðŠo,¦,Ä,¨,¢,Ä,-,¾,³,¢]B

#### IP fAfhfŒfX

,»,ê,¼,ê,ÌfCf"f^□[flfbfgfzfXfg,ª"ÆŽ©,Ì,R,Qfrfbfg,ÌfAfhfŒfX,ðŠ,,,ê"-,Ä,ç,ê,Ä,¢,Ü,·□A,»,ê,Í **IPfAfhfŒfX**,Å, ,Á,ÄfzfXfg,Æ^ê□□,É,·,×,Ä,ÌfRf~f...fjfP□[fVf‡f",ÅŽg,í,ê,Ü,·□B IPfAfhfŒfX,ªŽŸ,ÌftfH□[f}fbfg,Å,È,<sup>-</sup>,ê,Î,¢,<sup>-</sup>,Ü,¹,ñ□B

**XXX.XXX.XXX.XXX** 

xxx,ª,O,©,ç,Q,T,T,Ü,Å,P,O∏i∏",Å, ,é

### IN/OUTfCf"fWfP[[f^

### $\textbf{IN/OUTfCf"fWfP} [[f^, lfRf~f...fjfP][fVf\ddaggerf"fXfe][f^fX, \delta \check{Z}], \mu, \ddot{U}, \cdot]B$

ColorStatus□î•ñ,ì'—Žó□M,È,μ'¹⁄₄,ÌfVfXfef€,©,ç,Ì□î•ñŽó□M'¹⁄₄,ÌfVfXfef€,Ö,Ì□î•ñŽó□M

 $\label{eq:fn_lfhfefffa^3_k,lžg_pŽž_AfCf"fWfP_[f^,I_{,c},c] \\ & \ensuremath{\mathbb{C}} F, É \bullet \ddot{I}, f, e, \ddot{U}, \cdot \Box B \\ \end{aligned}$ 

### IRC

### IRC (Internet Relay Chat) ,ĺf†□[fU,ª•¶Žš,Å,Ì'Î~b,ð,·,é,±

 $\mathcal{A}_{a}^{a}, A, \ll \hat{e}_{f}^{f} bfgf = [fN, A, \cdot Bf+ [fU, a- - p & A'' \ black A''' \ black A'' \ black A'' \ bl$ 

,Æ,É,æ,Á,ÄIRCflfbfgf[][][fN,É[]Ú'±

,µ,Ü,·□BfCf"f^□[flfbfgftfHf"flfbfgf□□[fN,Í•W□€IRCfvf□fgfRf<,ðŽg,¢,Ü,·□B,Ç,ñ,È•û-@,Å,à□A, ,È,½,Í□³<K,ÌfCf"f^□[flfbfgftfHf"fT□[fo,É□Ú'±,µ,È,,Ä,Í,È,è,Ü,¹,ñ□B'¼,ÌfT□[fo,Å,Í,¢,⁻,Ü,¹,ñ□B

### IRCfCf"fWfP[[f^

 $\label{eq:linear_states} \textbf{IRCfCf''fWfP}[[f^, i, , \grave{\textbf{k}}, \frac{1}{2}, \grave{\textbf{l}} \textcircled{C} = [f] f f^{-1}[f] f f^{-1}[f] f f^{-1}[f] f f^{-1}[f] f^{-1}[f$ 

<u>Color</u>	Status
2	

- fCf"f^□[flfbfgftfHf"flfbfgf□□[fN,Ö,Ì"ñ□Ú'±
- - fCf"f^□[flfbfgftfHf"flfbfgf□□[fN,©,ç,Ì□î•ñŽó□M

\*"\_-Å

### LISTEN ƒ,□[fh



#### f}fjf...fAf<[]ì"®

%<sup>1</sup>□<sup>°</sup>FŽ<sup>-</sup>fCf"f<sup>1</sup>[[ftF□[fX,ð‰ð□œ,μ,Ä□A**f}fjf...fAf**<**□**ì" ®,'nï<sup>°</sup>b,ð□s,¤,± ,Æ,ª,Å,«,Ü,·□B,±,Ìf,□[fh,Í□AfofbfNfOf‰fEf"fh,̉<sup>1</sup>□<sup>°</sup>,'n<sup>1</sup>□<sup>°</sup>FŽ<sup>-</sup>'•'u,ðŽg,¢,\_,ç,¢Žž□A, ,é,¢ ,í, ,È,½,ª'ŠŽè,Ì□I,ÉŒ¾,¤,·,×,Ä,ð•·,,±,Æ,ð-],Ü,È,¢Žž□A-ð—§,¿,Ü,·□B□i•□'Ê,Ì"d<sup>°</sup>b,Å,Ì□Á ‰<sup>1</sup>,É—ÞŽ—,μ,Ä,¢,Ü,·□j

### f\_fjf...[[fo[[

 $, \hat{A}, \mathbb{C}, {}^{\underline{a}}, {}^{\otimes}, \hat{e}, \varsigma, \delta' I, \hat{O}, \pm$ 

 $\label{eq:constraint} $$ $$ \mathcal{E}_{0,1}^{0,0} = \mathcal{E}_{0,1}^{0,0} + \mathcal{$ 

### f[]fbfZ[[fW[]s

**f**\_**fbfZ**\_**[fW**\_**s**,ĺfc\_[f<fo\_[,̉º,É^Ê'u,·,é\_î•ñ•\

 $\check{Z}_{[]s, A, \cdot]} BfCf"f^{[[flfbfgftfHf", a}\check{Z}A_{]s'+, i}" @ []i \bullet \check{Z}_{[]A} i"b'+, if, [[fh]Afgf%fuf<, afGf \ []i \bullet \check{Z}_{[, \cdot, \frac{1}{2}, \beta, \dot{E}, w]}, \hat{e}, \delta\check{Z}_{g, \dot{e}, \dot{U}, \cdot]} B$ 

 $f \Box f b f Z \Box [f W \Box s, \dot{l} \Box \ddot{a}, \dot{E} \ddot{Z}_{1,3}, \hat{e}, \frac{1}{2}, \cdot, \times, \ddot{A}, \dot{l} f \Box f b f Z \Box [f W, ^{a}f l f b f g f \Box \Box [f N f \Box f O, Å Œ ©, \acute{e}, \pm , & A, ~, U, \cdot \Box B, \cdot, \times, \ddot{A}, \dot{l} f G f \% \Box [f \Box f b f Z \Box [f W, \dot{l}, \frac{1}{2}, & B, \dot{l} \Box \dot{a} - \frac{3}{4}, \dot{l} f w f < f v, \dot{l} f g f \% f u f <, \dot{l} \\ & \% \delta \Xi^{,} Å Z Q \Box \mathcal{A}, & , U, \cdot \Box B \Box i f w f < f v f \Box f j f ... \Box [, @, c f g f \% f u f <, \dot{l} \% \delta \Xi^{,} \delta^{,} ], & \dot{a}, &$ 

### flfbfgf[][[fNf[]fO

$$\label{eq:constraint} \begin{split} & & & & \\ & & & & \\ & & & \\ & & & \\ & & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\$$

**□Å**□**¬‰**»f{f^f"

$$\label{eq:linear_states} \begin{split} & [ \mathbf{\hat{A}} ] \mathbf{\neg } \mathbf{\% * } \mathbf{f} \mathbf{f}^{\mathbf{f}} \mathbf{f}$$

### **□Å**□**¬‰**»**fEfBf"fhfE**

fCf"f^□[flfbfgftfHf"fEfBf"fhfE,ª□Å□¬‰»f{f^f",ÅfAfCfRf"‰»,³,ê,Ä,¢,鎞□A□**Å**□**¬ ‰»fEfBf"fhfE**,Æ,È,Á,Ä,¢,Ü,·□B

# –<sup>~</sup>–pŽÒ∏Ý'è

fCf"f^[[flfbfgftfHf",**ì**—˜**—pŽÒ**[]**Ý'è**,͕K—v,É ‰ž,¶fCf"f^[[flfbfgftfHf",ðf]fXfgf}fCfY,·,é,½,ß,ÉŽg,¤,±,Æ,ª,Å,«,éflfvfVf‡f",ÌfZfbfg,Å,·[]B

# fNfCfbfNf{f^f"

**fNfCfbfNf{f^f**", ĺfCf"f^[[flfbfgftfHf"fEfBf"fhfE'†

, Ì'[]"<sup>1</sup>,Æ,µ,ÄŽg,í,ê,Ü,·[]B,»,ê,¼,ê,Ìf{f^f",Í[]I,Ì-¼'O,ð•\

 $\check{Z}_{i},\mu, \ddot{U}, \cdot \Box B'\check{S}\check{Z}_{e}, \pounds \Box \acute{U}' \pm ' \dagger \Box AfNfCfbfNf \{ f^{f} \Box \tilde{a}, \dot{I}fCf \Box \Box [fW, \dot{I} \textcircled{E} * \Box s, \dot{I}f, \Box [fh, \eth \check{Z}_{i}, \cdot, \frac{1}{2}, \beta, \dot{E} \bullet \ddot{I} ]$ 

 $\label{eq:solution} \ensuremath{ }^{\circ}_{,\,3}, \ensuremath{ \square Bf}_{f \in X}, \ensuremath{ \square Pf}_{f^{*}, \ensuremath{ A f N f C f b f N f}_{f^{*}, \ensuremath{ \delta f N f \check{S} f b f N, \cdot, \ensuremath{ ( \cdot, \ensurema$ 

fXfNf[][[f<fo[[

**fXfNf**[][**[f<fo**]**[**,ĺfŠfXfgf{fbfNfX,Å[]㉺,ÉfXfNf[][[f<,·,é,½,ß,ÉŽg,í,ê,Ü,·[]B

## fTfEf"fhf{[[fh

, ,È,½,ÌfRf"fsf...[[f^,É]Ú'±,³,ê,½f{][fh,'n¹]⁰,Ì"ü]o—Í,ð‰Â"\,É,µ,Ü,·]B

# SPEAKf,[[fh

%i˜rb'†,ÉSpeakf,□[fh,ÌŽž□A, ,È,½,ªŒ¾,¤Ž-,ÍIRC,ð'Ê,µ,Ä"`'B,³,ê'ŠŽè,ÌfVfXfef€ ,Å□Ä□¶,³,ê,Ü,·□B

# fXfe[[f^fXfo[[

 $\begin{aligned} & \textbf{fXfe}[[f^fXfo][,i]AfCf^{"}f^{"}[f]fbfgftfHf^{"}fEfBf^{"}fhfE,i^{e}"O^{0}, e^{\hat{E}'u,\mu}A-\\ & \overset{3}{}_{4}, e, e^{F,i}wZ_{i}, A_{i}^{o} \cdot \tilde{n}ftf_{i}, \delta Z_{i}, \mu, U, \cdot B^{N}, e, i, U, \frac{1}{}_{2}A^{0} - \hat{E}, \delta V^{i}, e^{N-1} - \hat{E}, A, U, Y, a^{O} - \hat{E}, A, U, Y, a^{O}$ 

TCP/IP

$$\begin{split} \textbf{TCP/IP} , & \text{ifCf} ``f^[[f]fbfg, \acute{E}]U' \pm \\ , \cdot, \acute{e}, & \text{i}_2, \acute{B}, \acute{E} \check{Z}g, \acute{I}, \acute{e}, \acute{e} IPf]fbfgf] \Box [fNfvf]fgfRf<, & \text{i}_1 BfCf ``f^ [[f]fbfgftfHf``, & \text{ifCf} ``f^ [[f]fbfg] \breve{a}, & \text{i}_1 BfCf ``f^ ] [f]fbfgftfHf``, & \text{i}_2 BfCf``f^ ] [f]fbftfHf``, & \text{i}_2 BfCf``f^ ] [f]fbftfHf``f]fftfHf``f^ ] [f]fbftfHf``f]fftfHf``f]fftfHf``f]fftfHf``f]fftfHf``f]fftfHf``f]fftfHf``f]fftfHf``f]fftfHf``f]fftfHf``f]ftfHf``f]fftfHf``f]fftfHf``f]ftfHf``f$$

# f^fCfgf<fo[[

**f^fCfgf<fo**[[,ĺfCf"f^[[flfbfgftfHf"fEfBf"fhfE,Ì[]Å[]ã^Ê,É^Ê'u,μ,Ä, ,È,½,ª~b,μ,ð,μ,Ä,¢,é'ŠŽè,Ì-¼'O,ðަ,μ,Ü,·[]B

### fc[[f<fo[[

## fvf‰fCfx[[fgfgfsfbfN

 $\label{eq:fvf} \begin{aligned} & f Cf x [[fgfgfsfbfN, l] fgfsfbfN f Šf Xfg, Å, l C C, \pm, \mathcal{A}, a, Å, «, È, c fgfsfbfN, Å, \cdot [B, \pm, e, l] ^3 Šm, È - 4 O, ð'm, Á, Ä, c, c [l, 34, 7, a], », e, É & A '' U, ·, e, \pm, \mathcal{A}, a, «, Ü, · [Bf Šf Xfg • \Z', 3, e, Ä, c, c ], e, c ], e,$ 

$$\begin{split} & -\tilde{\mathbf{p}} \mathbf{Z} \mathbf{O} \square \mathbf{\hat{i}} \cdot \mathbf{\tilde{n}}, \mathbf{\hat{i}}, \mathbf{\hat{i}}, \mathbf{\hat{i}} \square \mathbf{\hat{i}}, \mathbf{\hat{i}} \rightarrow \mathbf{\hat{i}}, \mathbf{\hat{i}}, \mathbf{\hat{i}} \square \mathbf{\hat{i}}, \mathbf{\hat{i}}, \mathbf{\hat{i}} = \mathbf{\hat{i}}, \mathbf{\hat{i}}$$

‰¹<u></u>⁰″FŽ⁻

 $\label{eq:fcfff} f^{[[f]fbfgftfHf", i]} f^{2} FZ^{f}Cf"f^{[[ftfF][fX, i]Af}fEfX, afL_{[[f], a'S, Zg, x, ±, Æ, È, - 'SZè, Æ, i]} f^{2} Cf"f^{2} Cf^{2} C$ 

#### ‰¹<u></u>\_⁰″FŽ<sup>-</sup>fŒfxf<

#### 

**‰¹□º″FޝfŒfxf**<,ĺŽg—p,·,éfVfXfef€,̉¹□º,ÌfŒfxf<,ð•\ަ,μ□AfCf"f^□[flfbfgftfHf",ª ‰ï˜b'†□A□º,Æ,μ,ÄŽ¯•Ê,·,鉹□º,ÌfŒfxf<,ðŒ^'è,μ,Ü,·□Bf}fCfNf□ftfHf",ð'Ê,¶,½□º,ª ‰¹□º″FޝfŒfxf<,æ,è,à□,,¯,ê,Î□AfCf"f^□[flfbfgftfHf",ĺ‰ï˜b'†'—□M,·,é ‰¹□º,Æ,μ,Ä"Fޝ,μ,Ü,·□B ‰¹—Êfcf}f~ ∎₩₽₽₩₩₩

%o<sup>1</sup>—Êfcf}f~,ĺ‰<sup>1</sup>—ÊfŒfxf<,ðfZfbfg,·,é,½,ß,ÉŽg,í,ê□A"ü,Á,Ä,«,½‰<sup>1</sup>,ÌfŒfxf<,ð•\ަ,μ,Ü,·□B %o<sup>1</sup>—ÊfŒfxf<,ð•Ï,¦,é,½,ß,É,ĺfcf}f~fť,ðŠŠ,ç,<sup>1</sup>,ÄfZfbfg,μ,Ä,,¾,³,¢□B,»,ê,ĺ‰<sup>1</sup>— ÊfRf"fgf□□[f<f\ftfgfEfFfA,ðfTf|□[fg,·,é‰<sup>1</sup>□º'•'u,Å□ì"®,μ,Ü,·□B

# f\_fCf<fhfJ\_[fhf{f^f"

 $fNfCfbfNf{f^f", l'+, l'‰E‰^{l}, lf{f^f", lf]}$ **[fhf{f^f", E** $΀, l, ê]A'¼, lf{f^f", l, ¢}, , e, É, à"o^^, ³, ê, Ä, ¢, È, ¢] I, Æ, l'Ê"b, l, ½, ß, ÉŽg, í, ê, Ü, ·]B, ±, l, æ, ¤, È'ŠŽè, ©, çŒÄ, Ñ]o, µ, ², , é, Æ$  $[Af]]fCf<fhf]][[fhf{f^f", l'ŠŽè, lfjfbfNfl][[f€,ðŽ©" @"I, É•\ަ, µ]A, », l'O, l]Ý'è, l]A<Z, ³, ê, Ü, ·]B$ 

#### WINSOCK

**WinSock**, ͕W□€fEfBf"fhfEfYTCP/IPfvf□fOf‰f€fCf"f^□[ftfF□[fX,Å,·□B,Ù,Æ,ñ,Ç,ÌTCP/IPf\ ftfgfEfFfAfpfbfP□[fW,Å'ñ<Ÿ,³,ê,éWinsock.DLL,ÆŒÄ,Î,ê,éDLLftf@fCf<,ÌŒ`Ž®,Æ,È,Á,Ä,¢ ,Ü,·□B

早わかり



fCf"f^[[flfbfgftfHf",Ö,æ,¤,±,»!

-	💳 Internet Phone 💌							
通話( <u>P</u> )	オプション(Q	<u>)</u> ) ヘルプ(	<u>H</u> )					
⊘ <u>IRC DISCONNECTED</u> ⊘								
	●1 抗*	●2 # ★	●₃ オ⁺──≯オ	•ч **──**	●5 ★ ★ ★			
	 	 			••• *****			

,æ,è⊡Ú,µ,¢□î•ñ,Í□AŠe⊡€-Ú,ðfNfŠfbfN,µ,Ä,,¾,3,¢□B

 $fCf"f^{[[f]bfgftfHf", ifCf"f^{[[f]bfgft][[fU,É,Æ,Á,Ä[]V,½,ÈŠy,µ,Ý,ª]L,ª,éf\ftgfEfFfA,Å,·[]B},$ , È,½, i'¼, ift][[fU,Ée-mail,ð'-,é,±,Æ,ª,Å,«,Ü,µ,½]B,à,µ,,i"Þ,ç,Æ•¶[]i,Å,",µ,á,×,è,·,é,±,,Æ,ª,Å,«,Ü,µ,½,ª]AŽÀ]Û,É"Þ,ç,Æ~b,¹,½,ç,ÆŽv,Á,½,±,Æ,ª, ,é,Å,µ,å,¤]B $<math display="block">fCf"f^{[[f]bfgftfHf",É,æ,Á,Ä, ,È,½Z©]g,i]^{e},Å]$  $¢ŠE't, ifCf"f^{[[f]bfgft][fU,ÆfCf"f^{[[f]bfg,ðŽg,Á,Ä~b,·,±,Æ,ª,Å,«,Ü,·]B,»,¤$  $,Å,·]BfŠfAf<f^fCf€,ÅŽÀ]Û,i]^{e},Å,i‰i"b,ªfCf"f^{[[f]bfg]ã,Å,Å,«,é,i,Å,·!}$  $f}fCfN,ÆfXfs][[f]][,ð]·,µ]ž,Ý]Af{f^f",ðfNfŠfbfN,µ]AfCf"f^{[[f]bfgftfHf",ð"®,©,µ]}$  $¢ŠE't, ifCf"f^{[[f]bfgft][[fU,Æ'î~b,ð,µ,Ü,µ,å,¤]B]V,½,È—F'B,É]o‰ï,¢$  $,½,¢]]AŒÂ]|"1,É]]î•ñ,ð"¾,½,¢]A,à,µ,,íŽæ^ø,µ,½,¢, ,È,½,ì,½,ß,ÉfCf"f^{[[f]bfgftfHf",í,"-ð,É$ -§,¿,Ü,·!

fCf"f^□[flfbfgftfHf",Ì,±,Ìfo□[fWf‡f",Í□A,Ü,³,ÉŽÀ□Û,Ì"d<sup>~</sup>b,Ì,æ,¤,É"<sup>-</sup>Žž,É<sup>~</sup>b,·,Æ•·,-,±,Æ,ð‰Â"\,Æ,·,é'S"ñ□d'Ê<sup>~</sup>b,ðŽÀŒ»,µ,Ü,·□B



‰ï~b,ÌfOf<[[fv,Å, ,éfgfsfbfN,ð[]ì[]¬[]A‰Á"ü,Å,«,Ü,·[]B

fvf‰fCfx□[fg,ÈfRf~f...fjfP□[fVf‡f",âfrfWflfX,Å,Í□A **fvf‰fCfx□[fgfgfsfbfN**,ð,²—<sup>~</sup>—p ‰º,³,¢□Bfvf‰fCfx□[fgfgfsfbfN,Å,Í,»,Ì'¶□Ý□i-¼□Ì□j,ð'm,é—<sup>~</sup>—pŽÒ<sup></sup>ÈŠO,Í ‰Á"ü,Å,«,Ü,¹,ñ□B

#### 



Žn,ß,é'O∏A, ,È,½,ÌfVfXfef€,ªfCf"f^[[flfbfgftfHf",ð'–,ç,¹,é,½,ß,ÌfVfXfef€,Æfl[[fffBfl—v<[],ðž,½,µ,Ä,¢,é,©Šm,©,ß,Ü,µ,å,¤∏B

### fCf"f^[[flfbfgftfHf",ðŽg,¤,Ì,É•K—v,È,à,Ì:

- 486SX PC 25MHZ (, ΄΄Έ,β,μ,Ü,·) 8MB RAM (, ΄΄Έ,β,μ,Ü,·) ۴
- •
- F Windows 3.1

۶ A <u>Winsock 1.1</u> compatible TCP\IP Internet connection (minimum connection: a modem SLIP\PPP connection of 14,400 baud)

### fl[[fffBfl—vŒ]:

- fl\_[fffBflf{\_[fh,É"K[‡,·,éfEfBf"fhfE •
- <u>Śśńეd</u> f,\_[[fh,ðŽg—p,∙,é,É,Í,Q,Â,ß,Ì <u>"¼"ñეd</u> ‰¹<u>∩</u>⁰f{[][fh,©'S"ñეd'Ήž,Ì ۶
- $^1 \square^2 f \{ \square [fh, ^2 \bullet K v, Å, \square B \}$
- f}fCfN
- ۶ fXfs[[f][[


,ĺ,¶,ß,É□A,²—<sup>~</sup>—p,Ì"ü—ĺ'•'u,É□‡,í,¹,ÄfCf"f<sup>^</sup>□[flfbfgftfHf",Ìf`f…□[fjf"fO,ð,µ,Ü,µ,å,¤□B ‰ï<sup>~</sup>b'†□AfCf"f<sup>^</sup>□[flfbfgftfHf",ĺ<u>‰¹□º"FŽ<sup>-</sup></u>'•'u,É,æ,è, ,È,½,Ì□º,ÌŽn,Ü,è,Æ□I,í,è,ðŽ©"®"I,É"F Ž<sup>-</sup>,µ,Ü,·□B

,<sup>2</sup>—<sup>~</sup>—p,Ìfl□[fffBfl'•'u,<sup>a</sup>□<sup>3</sup>,µ,fZfbfgfAfbfv,<sup>3</sup>,ê‰<sup>1</sup>□<sup>o</sup>"FŽ<sup>-</sup>'•'u,<sup>a</sup>,Å,«,éŒÀ,èfXf€□[fY,É<@"\,µ,Ä,¢, (é,±,Æ,ðŠm"F,·,é,½,ß,ɉ<sup>1</sup>□<sup>o</sup>"FŽ<sup>-</sup>'•'u,ð□<sup>3</sup>,µ,¢fŒfxf<,É'<sup>2</sup>□ß,,¾,<sup>3</sup>,¢□B

TIP.

**1** flfvfVf‡f"f⊡fjf....□[,©,ç ‰¹□⁰**"FŽ⁻fŒfxf**<,ð'l'ð,µ,Ü,·⊡B

> ‰¹□º"FŽ<sup>-</sup>fŒfxf‹,Ì□Ý'莞,É,Í "**SET VOX**",Ìf□fbfZ□[fW,ª•\ަ,³,ê□A•\ަfo□[,É,²—~—p,Ìf}fCfNf□ftfHf""™,Ì"ü— Í'•'u,ÌfŒfxf‹,ª•\ަ,³,ê,Ü,·□B

**2** f}fCfN,ÉŒü,©,Á,Ä<sup>~</sup>b,μ,Ü,·□B

 $fJf\&[,\hat{I}fo[[,\hat{a}^{*}]_{2}^{*}\&\check{z},\mu,\ddot{U},\cdot[]B,\pm,\hat{I}fo[[,\hat{a}^{*}\&^{1}-\hat{E},\delta\check{Z}_{1}^{*},\mu,\ddot{U},\cdot[]B,\dot{a},\mu[]A,\pm,\hat{I}\bullet\backslash\check{Z}_{1}^{*}fo[[,\hat{a}^{*}]_{2}^{*}\&\check{z},\mu,\dot{E},\bar{-},\hat{e},\hat{I}[]Af\}fCfNf[]ftfHf",\hat{a}^{*}\bullet'...,^{3},\hat{e},\ddot{A},\varphi$ 

,é,©∏A,Ü,½,ĺ'¼,ÌfAfvfŠfP□[fVf‡f",ÅfI□[fffBfIf{□[fh,ðŽg—p,μ,Ä,¢,È,¢,±,Æ,ð,²Šm"F ‰º,³,¢□B



$$\label{eq:second} \begin{split} & \ensuremath{ \ensuremat\\ensuremath{ \ensuremath{ \ensuremath{ \ensuremat$$

- 3 , ,È,½,Ì□º,É″½‰ž,ª,È,¢Žž□A‰¹□º″FŽ⁻fŒfxf<,ð□㉺,³,¹~b,µ,©,⁻,Ä,Ý,Ä</li>
   ‰⁰,³,¢□BfCf"f^□[flfbfgftfHf",ª□³,µ,″½‰ž,µ,Ä,¢,ê,Î□A□€″õŠ®—¹,Å,·□B
- **4** flfvfVf‡f"f□fjf…□[,©,ç**‰¹**□**⁰"FŽ⁻fŒfxf**<,Ì□Ý'è,ð‰ð□œ,μ,Ä,,¾,³,¢□B

p,Ìfl[[fffBfl"ü—ĺ'•'u,ð•Ï,¦,½,è[]A‰¹[]º"FŽ<sup>-</sup>,ªfXf€[[fY,É"®,©,È,¢,æ,¤,È,± ,Æ,ª,È,<sup>-</sup>,ê,Î[]A[]Ä"x,±,Ì'€[]ì,ðŒJ,è•Ô,·•K—v,ĺ, ,è,Ü,¹,ñ[]B

• « »

### **₩**fCf"f^[[flfbfgftfHf"fT][fo,Æ,Ì]Ú'±

ŽÀ□Û,ÉfCf"f^□[flfbfgftfHf",ðŽg,¢Žn,ß,é'O,É, ,È,½,ÍTCP/IP□Ú'±,Ü,½,Í14,400f{□[fh,ª,»,ê^È□ã,Ìf,fff€SLIP/PPP□Ú'±,ð'Ê,µ,ÄfCf"f^□[flfbfg,É□Ú'±,µ,È,<sup>-</sup>,ê,Î,È,è,Ü,¹,ñ□B

,Ü,,,ĺ,¶,ß,ÉfCf"f^[[flfbfg]Ú'±,ª]³,μ,]s,í,ê,Ä,¢,é,©Šm"F,μ,Ä,,¾,³,¢]B

fCf"f^□[flfbfgftfHf"fT□[fo,Í•W□€ <u>IRC</u> fvf□fgfRf<,ðŽg,¢

 $, \ddot{U}, \cdot, \overset{a}{=} A^{\cdot} \overset{1}{4}, \dot{I}Cf^{\prime\prime} f^{-} [[f] fbfgftfHf^{\prime\prime} ft ][fU, \acute{E} ]U^{\prime} \pm$ 

 $,\cdot,\acute{e}, \tfrac{1}{2}, \pounds, \acute{E}, \acute{I}_{2} \otimes , \grave{I}fCf''f^{[flfbfgftfHf''fT]}[fo,\acute{E}_{1}\acute{U}' \pm ,\mu,\grave{E}, ^{-}, \grave{e}, \grave{I}, \grave{E}, \grave{e}, \ddot{U}, \tfrac{1}{2}, \vspace{-1.5mm}, \vspace{-1.5mm}, \check{e}, \grave{e}, \grave{e}, \grave{e}, \grave{e}, \grave{e}, \grave{e}, \vspace{-1.5mm}, space{-1.5mm}, space{-1.5mm}, space{-1.5mm}, space$ 

### fCf"f^[[flfbfgftfHf"fT][fo,É]Ú'±,·,é,½,ß,É,ĺ

ftfHf"f[]fjf...[[,©,ç **IRC**[]**Ú'±**,ð'l,ñ,Å,,¾,³,¢[]B



TIP.

 $[] \acute{U}^{t}\pm,\mu, \frac{1}{2} \underbrace{f\_fCfAf[]fOf{fbfNfX}}_{}, \stackrel{a}{}{}^{a}\check{S}J, «, \ddot{U}, \cdot]]B$ 

## fCf"f^[[flfbfgftfHf"fT][fofŠfXfg,ð]X]V,·,é

 $IRC[]\dot{U}' \pm f_fCfAf[]fOf{fbfNfX,}^{a} \cdot \dot{Z}_{,,3}^{a}, \dot{E}, \frac{1}{2}, \frac{a}{4}'I, \tilde{n}, \frac{3}{4}fT[]fof\dot{S}fXfg,$   $aIRCfT[][fof{fbfNfX,}\dot{I}'+, \acute{E}"\ddot{u}, \dot{e}, \ddot{U}, \cdot]B$ 

- **3** "OK",ð'I,Ñ,Ü,·∏B
- $1 \quad \textbf{'n^{\&}f} \tilde{S}fXfg, @, \varsigma, \ \dot{E}, \frac{1}{2}, \dot{I} B^{-1}, \dot{I} \frac{1}{4}, \dot{\delta}'I, \tilde{N}, \ddot{U}, \cdot B$

 $\check{Z}_{l,^{3}}, \hat{e}, \ddot{U}, \cdot \Box BfCf"f^{\Box}[flfbfgftfHf"fT\Box[fo,lfAfhf@fX, ^{a}, í, @, ç, È, ¢\check{Z}\check{z}\Box A, \pm, \pm, Å\check{S}m"F, \mu, \ddot{A}, -$ 

 $[], B, B, B, Cf"f^[[flfbfgftfHf", \delta < N" @ , \mu, \frac{1}{2} Ž Z]A, \pm, ]f_fCfAf[]fOf{fbfNfX , ^2Z © " @ \bullet \$ 

,Æ,ª,Å,«,éfT[[fo,Ì,Ç,ê,ð'Ê,µ,Ä,àIRC[]Ú'±,²‰Â''\,Å,·[]B

,æ,è∏Ú,µ,¢∏î•ñ,ð"¾,¼,¢•"•ª,ðfNfŠfbfN,µ,Ä,,¾,3,¢∏B

fCf"f^□[flfbfgftfHf",ĺ□¢ŠE'†,Ì <u>fCf"f^□[flfbfgftfHf"fT□[fo</u> fŠfXfg,ð'ñ<Ÿ,μ,Ü,·□B,»,±,©,ç'l,Ô,±

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IRC #-/\"					
地域( <u>S</u> ): <b>Public Internet Phone Servers</b> ・					
iphone.fast.net iphone.interramp.com iphone.interserv.net iphone.ionet.net iphone.pulver.com iphone.smartnet.net iphone.vocaltec.com iphone.wau.nl iphone.iaccess.com.au iphone.rssi.ru iphone.aloha.net					
OK ++>\\ \\7*					

WebfT□[fo,ÅfCf"f^□[flfbfgftfHf"fT□[fo,Ì□X□V,μ,½fŠfXfg,ðf\_fEf"f□□[fh,·,é,±,Æ,ª,Å,«,Ü,·□B Web Server, í **http://www.vocaltec.com**/ ۰

[X]V,μ,½fŠfXfg,ðŠÜ,Þftf@fCf<,ðf\_fEf"f]][fh,μ,Ä,,¾,³,¢ (ircsrvrs.ini), ,»,μ,ÄfCf"f^][flfbfgftfHf"fffBfŒfNfgfŠ,Ì'†,ÌŒÃ,¢ftf@fCf<,Æ'u,«Š·,¦,ĉ⁰,³,¢]B</li>
 fCf"f^][flfbfgftfHf",ð"®,©,μ,Ä]X]V,μ,½fT][fofŠfXfg,ðŽg,¤,±,Æ,ª,Å,«,Ü,·]B

'nˆæ

,±,Ìf{fbfNfX,Í□B-¼,Æ□'-¼,ðfŠfXfg,μ,Ü,·□B,à,μ, ,È,½,Ì□'-¼,ªfŠfXfg□ã,É,È,©,Á,½,ç<ß,¢□'-¼,ð'I,ñ,Å,,¾,³,¢□B

### IRCfT[[fo

**'n^æ**f{fbfNfX,Å'l,ñ,¾'n^æ-¼,É, ,éfCf"f^□[flfbfgftfHf"fT□[fo,ÌfŠfXfg,ðŒ©,é,±,Æ,ª,Å,«,Ü,·□B

### fT[[fo[]à-¾

 $,\pm, lf{fbfNfX, i'l'\delta, \mu, \frac{1}{2}fCf"f^[[flfbfgftfHf"fT][fo, lŠÈ'P, E]a-\frac{3}{4}, \delta \bullet \Z', \mu, Ü, \cdot$ 

#### ፟፟፟፟፟ ፟፟፟፟፟ ፟፟፟፟ fCf"f^□[flfbfgftfHf"fT□[fo,Æ,Ì□Ú'±

ー IRC 接続	
IRCサーバ( <u>S</u> ):	OK
iphone.mki.co.jp	±+>>t⊮
IRCポート( <u>P</u> ): <sup>6670</sup> ロデフォルトポートの使用( <u>D</u> )	^\J^*
□ プログラム起動時、自動接続( <u>A</u> )	IRCサーパソスト( <u>I</u> )

,æ,è∏Ú,µ,¢∏î•ñ,ÍŠe∏€-Ú,ðfNfŠfbfN,µ,Ä,,¾,,¢∏B

 $\underbrace{f_fCfAf[]fOf{fbfNfX}, ifCf"f^[][flfbfgftfHf"fT]][fo}, if[]U'\pm, \cdot, e, \frac{1}{2}, B, EZg, e, U, \cdot]B[]Ä"xIRCfT][fo^{e} ---, if_fCfAf]]fOf{fbfNfX, ifAfNfZfX, \mu, \frac{1}{2}, e]e[]\pm, iIRC fT[][fof{f^{f}, \delta'I, N, U, \cdot]B}, U, \frac{1}{2}]AIRCfT[][fof{fbfNfX, ifAfNfZfX, \mu, \frac{1}{2}, e]e[]\pm, iIRC fT][fof{f^{f}, \delta'I, N, U, \cdot]B}, U, \frac{1}{2}]AIRCfT[][fof{fbfNfX, ifAfNfZfX, \mu, \frac{1}{2}, e]e[]\pm, iIRC fT][fof{f^{f}, \delta'I, N, U, \cdot]B}, U, \frac{1}{2}]AIRCfT[][fof{fbfNfX, ifAfNfZfX, \mu, \frac{1}{2}, e]e[]\pm, iIRC fT][fof{f^{f}, \delta'I, N, U, \cdot]B}, U, \frac{1}{2}]AIRCfT[][fof{fbfNfX, ifAfNfZfX, \mu, \frac{1}{2}, e]A[]U'\pm, \cdot, e, \frac{1}{2}, B, iIRC fT][fo, \delta'U, iIRCfT]][fofAfNfGfX, \delta''U, iIRCfT]][fo, iIRCfT][fof{f^{f}, iIRCfT]}, iIRCfT], iIRCfT], iIRCfT][fof{f^{f}, iIRCfT]}, iIRCfT]][fof{f^{f}, iIRCfT]}, iIRCfT], iIRCfT$ 

,Æ,μ,Ü,·□B<u>IRCfCf"fWfP□[f^</u>: ,É'□^Ó,μ,Ä,,¾,³,¢□B□Ú'±'†,͉©□F,É"\_-Å,μ□AŠ®—¹,·,é,Æ— Î,É•Ï,í,è,Ü,·□B

 $\label{eq:fcfff} f^{[flfbfgftfHf", alRCfT[[fo, E]U' ±, \mu]I, }, é, \mathcal{E} "CONNECTED TO THE IRC", \mathcal{E}, ¢, \\ xf[fbfZ][fW, a + \Ž_{, 3}, ê, Ü, \cdot B, ±, ê, Å, , È, ½, ÍIRC, \mathcal{E}, Â, È, a, è]AfCf"f^[[flfbfg]ã, Å %i~b, a, Å, «, Ü, · B \\ \end{tabular}$ 



fCf"f^[[flfbfgftfHf"ft][fU,ĺfgfsfbfNfŠfXfg,ð'Ê,µ,Ä,"ŒÝ,¢ ,ðŠm"F,µ,Ü,·]B,Ç,ñ,È]l,Å,à]V,µ,¢fgfsfbfN,ð]ì]¬,·,é,©, ,é,¢,ĺŠù,É, ,éfgfsfbfN,ƉÁ"ü,·,é,± ,Æ,ª,Å,«,Ü,·]BfgfsfbfNfŠfXfg,ð•\ަ,µ]A"d<sup>\*</sup>b,ð,©,<sup>-</sup>,é'ŠŽè,ðŠm"F,·,é,±,Æ,ª,Å,«,Ü,·]BŽŸ ‰ñ,©,ç,ĺfgfsfbfNfŠfXfg,ÅŠm"F,<sup>1</sup>,\_,É<u>fNfCfbfNf{f^f</u>,Å'¼]Ú"d<sup>\*</sup>b,ð,·,é,±,Æ,ª,Å,«,Ü,·]B —<sup>\*</sup>—**p‰Â**"\,**ÈfgfsfbfN,ð•\ަ,µ'ŠŽè,ðŠm"F,·,é,½,ß,É** 

● 'Ê<sup>~</sup>bf□fjf...□[,©,ç**΀,Ñ**□**o,**μ,ð'l,Ô,Ñ,Ü,·



,à,μfNfCfbfNf{f^f",Ì^ê,Â,ÉŠù,É,»,Ì□l,Ì-¼'O,ª, ,é,È,ç

• ,½,¾,»,Ìf{f^f",ð'I,Ô,¾,⁻,Å,»,Ì□I,É"d~b,ª,Å,«,Ü,·□B





,³,ç,É'½,,Ì□î•ñ,ð"¾,é,½,ß,ÉŠe•"•ª,ðfNfŠfbfN,μ,Ü,·□B

general, Í **‰Á"ü,·, éfgfsfbfN**fŠfXfg, É•\ަ,<sup>3</sup>, ê, Ü,· $\Box$ B, à, µ, , È, ½, <sup>a</sup>'¼, ÌfgfsfbfN, ɉÁ"ü, µ, ½, ¢ , È, ç $\Box$ A, », ê, ç, Í"<sup>-</sup>, ¶, , ±, ÌfŠfXfg, É•\ަ,<sup>3</sup>, ê, Ü,· $\Box$ B'I, Î, ê, ½fgfsfbfN, ÍfnfCf‰fCfg•\ަ,<sup>3</sup>, ê, Ü,· $\Box$ B, à, µ, ± , ÌfgfsfbfN, ̉<sup>a</sup>, ɉÁ"ü,·, é $\Box$ I, <sup>a</sup>, ¢, é, È, ç, Îf† $\Box$ [fUfŠfXfg, ÉfŠfXfgAfbfv, <sup>3</sup>, ê, é, Å, µ, å, ¤ $\Box$ B

- ft[[fUfŠfXfg,]^ê[],É~A—[],·,é,É,Í,»,][],ð'I,ñ,Å[A,0,ð'I'ð,µ,Ä,,¾,3,¢]B
- '¼,Ì'ŠŽè,ð'T,·□A,Ü,½,Í'I'ð,µ,½fgfsfbfN,É'ŠŽè,ª,¢,È,¢,È,ç□A•Ê,ÌfgfsfbfN,ð'I,ñ,Å,»,Ì
   %º,Å'T,·,±,Æ,ª,Å,«,Ü,·□B
- ,³,ç,É'½,,ÌfgfsfbfN,ɉÁ"ü,,é,É,ĺŽŸ,ÌŽ-,ð□s,Á,ĉº,³,¢□B

#### '¼,ÌfgfsfbfN,ɉÁ"ü,∙,é,½,β,É,Í

**1 fgfsfbfN‰Á"ü**f{f^f",ð'l'ð,μ,Ü,·<u>□</u>B

,à,¤^ê,Â,Ìf\_fCfAf⊡fOf{fbfNfX,ªŠJ,©,ê,Ü,·□B,±,Ìf\_fCfAf⊡fOf{fbfNfX,Í,·,×,Ä,Ì□¡—~—p‰Â"\ ,ÈfgfsfbfN,ðަ,μ,Ü,·□B

- 2 fgfsfbfN,Ì^ê,Â,ð'I'ð,µ,Ä,»,µ,ÄŽŸ,É ‰Á"üf{f^f",ð'I'ð,µ,Ä,,¾,³,¢□B □Å□‰,Ìf\_fCfAf□fOf{fbfNfX,É-ß,è,Ü,.□B'I,ñ,¾fgfsfbfN,ĺ‰Á"üfgfsfbfNfŠfXfg,É ‰Á,¦,ç,ê□A,»,µ,Ä,±,ÌfgfsfbfN,̉º,'nÁ"ü,.,é'¼,Ì□I,Ì-¼'O,ª,Q"Ô-Ú,ÌfŠfXfg,ÉŽ¦,³,ê,Ü,.□B
- 3 ,à,μ-],Þ,È,ç,³,ç,É'¼,ÌfgfsfbfN,ɉÁ"ü,·,é,±,Æ,ª,Å,«,Ü,·□B, ,È,½,ĺ^ê"x,É,P,O,ÌfgfsfbfN,Ü, 'nÁ"ü,·,é,±,Æ,ª,Å,«,Ü,·□B^ê,Â,ÌfgfsfbfN,̉º,Å'N,ªfŠfXfgfAfbfv,³,ê,é,©Œ©,é,É,Í□A ‰Á"ü,³,ê,½fgfsfbfNfŠfXfg,Å,»,ê,ð'I,Ô,±,Æ,Å-¼'O,Íf†□[fUfŠfXfg,ÉŒ»,ê,Ü,·□B, ,È,½,Ì-¼'O,ðfgfsfbfN,©,ç,Í,\_,μ□A‰Á"üfgfsfbfNfŠfXfg,©,çfgfsfbfN-¼,ð,Í,\_,·,É,Í fgfsfbfN'E'Þf{f^f",ð'I'ð,μ,Ä,,¾,³,¢□B

^ê"xfgfsfbfN,ɉÁ"ü,μ,½,È,ç,ÎfgfsfbfN,ɉÁ"ü,μ,Ä,¢,é'¼,Ì□l,Æ~b,μ,ð,·,é,± ,Æ,ª,Å,«,Ü,·□BfgfsfbfN,É, ,È,½,Ì-¼'O,ªfŠfXfgfAfbfv,³,ê□A'¼,Ì□l,ªfgfsfbfN,ɉÁ"ü,·,ê,ΔÞ,ç,Í, ,È,½,É"d~b,ð,©,<sup>-</sup>Žn,ß,é,±,Æ,ª,Å,«,Ü,·□B -¼**'O** 

 $\begin{array}{l} ,\pm, \hat{l}f{fbfNfX, \hat{l}'1, \hat{l}, \hat{e}, \frac{1}{2}f\dagger [[fU, \hat{l}-\frac{1}{4}'O, \eth \bullet \setminus \check{Z}_{l}, \mu, \ddot{U}, \cdot ]]Bf\dagger [[fUf\check{S}fXfg, \hat{l}, \dot{E}, ©, \acute{E}, , \acute{e}''P, , \acute{e}, ¢, (\hat{l}''P]] \\ , \hat{l} ]] \hat{e} []\check{S}, \eth'T, \cdot, \frac{1}{2}, \beta, \acute{E}f\dagger [[fU, \hat{l}-\frac{1}{4}'O, \hat{l}]] &, \beta, \hat{l} \bullet \P\check{Z}\check{S}, \eth f^{f}Cfv, \cdot, \acute{e}, \pm, \mathcal{A}, \overset{a}{\bullet}, \mathring{A}, \ll, \ddot{U}, \cdot ]]B \end{array}$ 

# ft**□[fUfŠ**fXfg

 $,\pm, lf{fbfNfX, l\%{A}" ufgfsfbfNfŠfXfg, A'I, \tilde{n}, \sqrt[3]{4}fgfsfbfN, E' @, \cdot, eft[[fU, \deltafŠfXfg \bullet \], \mu, U, \cdot B]$ 

### ‰Á"üfgfsfbfNfŠfXfg

,±,Ìf{fbfNfX,ĺ, ,È,½,ª‰Á"ü,∙,éfgfsfbfN,ðfŠfXfg•\ަ,μ,Ü,·□B, ,È,½,ĺ^ê"x,É,P,O,ÌfgfsfbfN,Ü,Å ‰Á"ü,∙,é,±,Æ,ª,Å,«,Ü,·□B

### ‰Á"üfgfsfbfN,Ì'Sft□[fU∙\ަ

,±,ÌflfvfVf‡f",ð'l,Ô,Æ[]A'l'ð,ÌfgfsfbfN,Ìf†[[fU,¾,¯,Å,ĺ,È,]]A, ,È,½,ª ‰Á"ü, $\mu,\frac{1}{2},\cdot,\times,$ Ä,ÌfgfsfbfN,Ìf†[[fU,ð•\ަ, $\mu$ ,Ü,·]]B

'ŠŽè'¤∏î∙ñ

 $,\pm, lf{fbfNfX, lft_[fUfŠfXfg, Å'l, l, e, ½ft_[fU, l'ŠŽe'x_1^• n, ð • \Ž_{, \mu, U, \cdot B, ½, ¾fRf_f'fg_s, É, Â, ¢, A, l, », l^e • ", ¾, -, ª • \Ž_{, 3}, e, e, ±, Æ, E'_O'Ó, µ, Ä, -$ 

### fgfsfbfN,Ö,̉Á"ü..

,±,Ìf{f^f",ð'l,Ô,ÆŒ» $\Box$ Ý—~-p‰Â''\

### fgfsfbfN'E'Þ

,±,Ìf{f^f",ð'I,Ô,ÆfgfsfbfNfŠfXfg,Å'I,Î,ê,½fgfsfbfN,©,ç"²,¯□o,µ□A,»,ÌfgfsfbfN,̉º,Å, ,È,½,Ì-¼'O,ªf†□[fUfŠfXfg,©,çŽæ,è□œ,©,ê,Ü,·□B

# ft[[fU,Ìf\[[fg...

 $ft [[fUfŠfXfg, Åft [[fU, ]] \bullet \X]; ], \hat{e}, \hat{e} ] \ddagger []^{,} \delta [] \acute{Y} \dot{e}, \mu, \ddot{U}, \cdot ] B$ 



# fvf‰fCfx□[fgfgfsfbfN,ÌŽg—p

,à,µ, ,È,½,ªŒÂ[]I"I,ȉï~b,¾,¬,Ì,½,ß,ÉfCf"f^[[flfbfgftfHf",ðŽg,¤,±,Æ,ð-],Þ,È,ç[]A,¨,»,ç,-, ,·,×,Ä,Ì'¼,ÌfCf"f^[[flfbfgftfHf"ft][fU,©,ç,Ì"d~b,É,æ,Á,Ä"Y,Ü,³,ê,é,±,Æ,ð-],Ü,È,¢ ,Å,µ,å,¤[]BŽ,,"I,ÈfgfsfbfN,³•K—v,Æ,È,é,Å,µ,å,¤[]B,±,ê,ç,Ì[]g•\ ަ,³,ê,È,¢[]hfgfsfbfN,ÍfgfsfbfNfŠfXfg,Å,ÍŒ©,é,±,Æ,ª,Å,«, \_fvf‰fCfx[[fgfgfsfbfN,Ì]³Šm,È-¼'O,ð'm,Á,Ä,¢,éft][fU,É,æ,Á,Ä,¾,¬[]Ú'±,³,ê,Ü,·]]B,à,µ, ,È,½,³'¶[]Ý,µ,È,¢fvf ‰fCfx[[fgfgfsfbfN,ɉÁ"ü,µ,æ,¤,Æ,·,é,È,ç]]A,»,ê,ÍŽ©"®"I,ÉDì[]¬,³,ê,Ü,·]]B

### fvf‰fCfx□[fgfgfsfbfN,ð□ì□¬, ,é,¢,͉Á"ü,∙,é,É,Í

- **1** ′Ê<sup>~</sup>bf\_fCfAf□fOf{fbfNfX,Å**fgfsfbfN‰Á"ü** f{f^f",ð'l'ð,μ,Ä,,¾,³,¢□B fgfsfbfN‰Á"üf\_fCfAf□fOf{fbfNfX,ªŠJ,«,Ü,·□B
- $\mbox{2 fgfsfbfNf{fbfNfX,}} \mbox{$^{,3_4,3,c_B}$}$
- **3 fvf‰fCfx□[fg‰Á"ü** f{f^f",ð'l,ñ,'n⁰,³,¢□B ,à,μ,±,Ì,æ,¤,Èfvf‰fCfx□[fgfgfsfbfN,ª,È,¯,ê,Î□A□V,½,É□ì□¬,³,ê,Ü,·□B
- 4 ,à,μ, ,È,½,ª"d~b,ð-],Ü,Ê'ŠŽè,É"Y,Ü,³,ê,½,,È,⁻,ê,Î, ,È,½,Ì ¼'O,ðfpfufŠfbfNfgfsfbfN□A"Á,ÉGeneralfgfsfbfN,©,çŽæ,è□œ,,×,«,Å,·□B,±,ê,ð,·,é,É,Í
   ‰Á"ü,³,ê,½fgfsfbfNfŠfXfg,©,ç,»,ê,¼,ê,ÌfgfsfbfN,ð'l,ñ,Å□AfgfsfbfN'E'Þf{f^f",ð'l,ñ,Å'l
   'ð,μ,Ä,,¾,³,¢□B
- 5  $fNf = [fYf{f^{"}, \delta'l' \delta, \cdot, \acute{e}, \pm, \mathcal{E}, \acute{e}, \acute{A}, \ddot{A}f_fCfAf}]fOf{fbfNfX, \delta \cdot \hat{A}, \P, \acute{e}, \pm, \mathcal{E}, \overset{a}{a}, \mathring{A}, «, \ddot{U}, \cdot B$
- 6 -],Þ□l,ª"⁻,¶,fvf‰fCfx□[fgf`fff"flf<,ɉÁ"ü,·,ê,ΔÞ,ç,Ì-</li>
   ¼'O,ĺf†□[fUfŠfXfg,ÉŒ»,ê,é,Å,µ,å,¤□B,»,ê,ð'l,ñ,Å□A,»,µ,ÄOK,ð'l,×,Î,»,Ì□l,Æ'Ê~b,Å,«,Ü,·
   □B



 $\frac{fNfCfbfNf{f^{f}}}{f^{(0,\delta')}}, \delta fNf \tilde{S} fbfN, \cdot, \acute{e}, @ []A, , \acute{e}, ¢, ĺ' Ê^{b}f_fCfAf [] fOf{fbfNfX, lft [] [fUf \tilde{S} fXfg, @, ç \frac{1}{4}'O, \delta' I, \tilde{N}OK, \delta' I' \delta, \cdot, \acute{e}, l' I' \delta, ^{3}, \acute{e}, \frac{1}{2}' \tilde{S} \tilde{Z} e, O, l Œ Ä, \tilde{N} [] o, \mu, <sup>a</sup>Zn, Ü, è, Ü, · [] B$  $\frac{fNfCfbfNf{f^{f}}}{f^{f}}, l^{\hat{e}}, \hat{A}, lfCf [] [[fW, <sup>a</sup>" @, « [] A Œ Ä, \tilde{N} [] o, \mu ‰^{1}, <sup>a</sup> • \cdot, ±, l, \acute{e}, l, _, Å, · [] B, à, \mu ‰^{1}/_2, à • \cdot, ±$  $, l, È, ¢, È, cfXfs [] [f], <sup>a</sup>SÔ^{a}, ¢, È, [] Ú' ±, <sup>3</sup>, ê, Ä, ¢, é, @'^{2}, ×, ĉ^{o}, <sup>3</sup>, ¢ [] B$ 

#### <u>f{f^f"f,</u>][f <u>^Ó-i</u>



**-¢Žg—p** f{f^f",ĺŽg—p'†,Å,ĺ, ,è,Ü,¹,ñ∏B

**'ŠŽè,ÌŒÄ,Ñ**□**o,μ**,±,Ìf{f^f",̉º,É•\ ަ,³,ê,½-¼'O,Ì'ŠŽè,É"d<sup>~</sup>b,ð,μ,æ,¤,Æ,μ,Ä,¢ ,Ü,·□B

•	ġ

**'ŠŽè,©,ç,ÌŒÄ,Ñ□o,μ**,±,Ìf{f^f",̉º,É•\ ަ,³,ê,½-¼'O,Ì'ŠŽè,ª, ,È,½,É"d~b,ð,μ,æ,¤ ,Æ,μ,Ä,¢,Ü,·□Bf{f^f",ð'l,Ô,± ,Æ,É,æ,Á,ÄŒÄ,Ñ□o,μ,ɉž,¶,é,± ,Æ,ª,Å,«,Ü,·□B



# f{f^f"f,□lf <u>^Ó-;</u>

В



#### SPEAKING f,[[fh ,±

,Ìf,□[fh,ÌŽž□A, ,È,½,Ì□º,ªfCf"f^□[flfbfg□ã,É'ŠŽ è,ÌfVfXfef€,É'—,ç,ê,Ü,·□B



LISTENING f, [[fh ,± ,Ìf, [[fh,ÌŽž[A'ŠŽè,Ì]<sup>Q</sup>, ³fCf"f^ [[flfbfg[]ã,Å, ,È, ½,ÌfVfXfef€,É, ,È,½,ÆfXfs[[f][][,Å[]Ä[]¶,³,ê,Ü,·

 $[B,\pm,]\check{Z}\check{z}[A,,\dot{E},\overset{1}{2},\hat{I}^{\circ}b,\mu,\delta,\cdot,\acute{e},\times,\ll,\mathring{A},\acute{I},,\grave{e},\ddot{U},^{1},\tilde{n}]$ 

**IDLE f,**[**[fh**,±,]f,][fh,ÌŽž]A'N,à<sup>\*</sup>b,µ,ð,µ,Ä,¢ ,Ü,<sup>1</sup>,ñ]B, ,È,½, ,é,¢,Í'ŠŽè,<sup>a</sup><sup>\*</sup>b,µ,ðŽn,ß,é,± ,Æ,<sup>a</sup>,Å,«,Ü,·]B

f}fCfNf□ftfHf",ÉŒû,ð<ß,Ã,⁻□A,»,μ,Ä,ĺ,Á,«,è,Æ~b,μ,ð,μ,Ä,,¾,³,¢□B, ,È,½,ª~b,μ,ð□I,¦,é ,Æ□A'ŠŽè,ĺ•Ô"š,·,é,±,Æ,ª,Å,«,Ü,·□B

, ,Ü,èf}fCfNf□ftfHf",É<ß,Ã,¯,·,¬,Ä□A<sup>~</sup>b,³,È,¢,æ,¤,É'□<sup>^</sup>Ó,µ,Ä,,¾,³,¢□B, ,È,½,Ì□º,ª'å,«,·,¬, é,Æ'ŠŽè'¤,Å,Í,Đ, ,ñ,Å•·,±,¦,é,Å,µ,å,¤□B‰¹□ºfŒfxf<□i-¾,é,¢—

Î□F,Ìfo□[□j,ª□Ô,¢f]□[f",Ì'†,É"Í,«,·,¬,È,¢,±,Æ,ðŠm"F,µ,Ä,,¾,³,¢□B,à,µ,»,¤,È,ç,Î□A, ,È,½,Ì □º,Í, ,Ü,è,É,à'å,«,·,¬,Ü,·□B

 $\label{eq:started_s$ 



,²Žg—p,̉¹□ºf{□[fh,ª'<u>S"ñ□d</u>‰¹□º,ðfTf|□[fg,µ,Ä,¢,é,È,ç,Î□A, ,é,¢,Í,Q,Â,Ì•W□€ (<u>"¼"ñ□d</u>) %º¹□ºf{□[fh,ªfCf"fXfg□[f<,³,ê,Ä,¢,é,È,ç,Î□A'S"ñ□d,É,æ,é'Ê`b,ðŽÀŒ»,·,é,± ,Æ,ª,Å,«,Ü,·□B'S"ñ□d,É,æ,é‰ï`b,ĺŽÀ□Û,Ì"d`b,Ì,»,ê,ð"⁻,¶,Å,·□B, ,È,½,Æ'ŠŽè,Æ,Í□A"⁻Žž,É`b ,·,±,Æ,ª,Å,«,Ü,·□BŒðŒÝ,É`b,·•K—v,ĺ, ,è,Ü,¹,ñ□B,à,¿,ë,ñ□A,»,Ì,æ,¤,È ‰ï`b,ðŽÀŒ»,·,é,½,ß,É,Í□A'o•û,ÌfVfXfef€,ª'S"ñ□d‰¹□º,ðfTf| □[fg,·,é,à,Ì,Å,È,⁻,ê,Î,È,è,Ü,¹,ñ□B 'ŠŽè,ðŒÄ,Ñ□o,·'O,É'S"ñ□df,□[fh,É□Ø,芷,¦,ĉº,³,¢□B 'S**"ñ□df,□[fh,Ö,Ì□Ø,芷,¦** flfvfVf‡f"f□fjf...□[,Å**'S"ñ**□d ,ð'I,ñ,Å,,¾,³,¢]B []

ަ,³,ê,Ü,·□BfCf"fXfg□[f<,ĺf{fbfNfX,ÌfefXfgf{f^f",ð'I,Ô,©□AflfvfVf‡f"f□fjf… □[,ÅfVfXfef€□Ý'è,ÌfefXfg,ð'I,ñ,'nº,³,¢□B

'ŠŽè,ðŒÄ,Ñ∏o,µ,Ü,∙

'ŠŽè,ÌfVfXfef€,É□Ú'±,·,é,Æ□AfXfe□[f^fXfo□[,Í**'S"ñ**□d,ð•\ަ,µ,Ü,·□B **f**□□**[fJf**< **FDX**,Æ•\ ަ,³,ê,é,È,ç,Î□A'ŠŽè,ÌfVfXfef€,ª'S"ñ□d‰¹□º,ðfTf|□[fg,µ,Ä,¢,È,¢,±,Æ,Å, ,è□AŠ®'S,È'S"ñ□d,É ,æ,é‰ï~b,ð□s,¤,±,Æ,ª,Å,«,Ü,¹,ñ□B,»,Ì,æ,¤

 $, \dot{E} \_ \hat{e} \_ \ddagger, \dot{A}, \dot{I} \_ AfNfCfbfNf{f^{+}, \check{\sigma}'I, \hat{I}, \_, \dot{E} \_ A' \check{S} \check{Z} \grave{e}, \dot{I}^{-}b, \mu, ©, ^{-}, \dot{E} \check{S}, , \grave{e} \_ \check{z}, \flat, \pm, \mathcal{A}, \mathcal{A}, \mathcal{A}, \dot{A}, \cdot \_ B$ 

‰ï~b

‰ï~b'†□AfNfCfbfNf{f^f",Ì^ê,Â,İ'ŠŽè,Æ,ÌŒð□M,ÉŽg—p,³,ê,Ü,·□Bf{f^f",̉º,É,Í□A'ŠŽè,Ì-¼'O,Ìf{f^f",ª•\ަ,³,ê,Ü,·,ª□A,»,Ìf{f^f",ÍŒ»□Ý'N,ª~b,ð,μ,Ä,¢,é,©,Å•\ ަ,ª•Ï,í,è,Ü,·□B"¼"ñ□d,Å,̉ï~b,Æ^Ù,È,è□A**ldle**,Æ**Speaking**f,□[fh,ª, ,è,Ü,¹,ñ□B'ŠŽè,ª~b,μŠ |,<sup>-</sup>,Ä,¢,鎞⊓A□¬,³,ÈfXfs□[f]□[,Ìf}□[fN,ªfNfCfbfNf{f^f",Ì□¶□ã,ÉŒ»,ê,Ü,·□B

<u>f{f^f"f,□[f</u>	<u>^Ó-i</u>		
f{f^f"f,□[f	<u>^Ó-i</u>		

## <u>h</u>

# \* 2

### SPEAKINGf,[[fh ,±

,Ìf,[][fh,ÌŽž[]A, ,È,½,ÌŒ¾,¤,±

,Æ,ĺfCf"f^□[flfbfg,Å'ŠŽè,ÌfVfXfef€,É"`'— ,³,ê,Ä,¢,Ü,·□B



**Idlef,□[fh**,±,Ìf,□[fh,ÌŽž□A<sup>~</sup>b,µ,ð,µ,Ä,¢,È,¢,± ,Æ,É,È,è,Ü,·□B f}fCfN,ÉŒû,ð<ß,Ã,⁻□A,Í,Á,«,è,Æ~b,µŠ|,⁻,ĉº,³,¢□B</p>

′\_^Ó

'S"ñ□d,Å,̉ï`b,Å,Í□A"<sup>1</sup>⁄<sub>2</sub>‰ž,Ì-â'è,ª□¶,¶,é,±,Æ,ª, ,è,Ü,·□B‰¹□º,ª"<sup>1</sup>⁄<sub>2</sub><¿,µ□A—□‰ð,Å,«,È,-,È,è,Ü,·□B□i'ŠŽè,ª"<sup>1</sup>⁄<sub>4</sub>"ñ□d,È,ç,Î□A'ŠŽè,Ì`b,µ,ª"r□Ø,ê,ª,¿,É,È,è,Ü,·□j,±,ê,Í□A'—,ç,ê,Ä,«,<sup>1</sup>⁄<sub>2</sub> ‰¹□º,ª□A, ,È,½,ÌfXfs□[fJ□[,Å□Ä□¶,³,ê,é□Û□A‰¹□º"FŽ<sup>-</sup>'•'u,Å, ,È,½,Ì□º,Æ"FŽ<sup>-</sup>,³,ê□A'ŠŽè,Æ' —,è•Ô,³,ê,Ä,µ,Ü,¤,½,ß,É"□¶,µ,Ü,·□B,±,Ì-â'è,ð ‰ñ"ð,·,é,½,ß,É□Afnf"fhfZfbfg,âfCf,"ftfHf",ðfXfs□[fJ□[,Ì'ã,í,è,ÉŽg,¤,± ,Æ,ð,¨Š©,ß,µ,Ü,·□BfXfs□[fJ□[,ðŽg,¤□ê□‡,Í□AfXfs□[fJ□[,‰¹—Ê,ð‰º,° ‰¹□º"FŽ<sup>-</sup>fŒfxf<,ÆfXfs□[fJ□[,ª",·,鉹,É"½‰ž,µ,È,¢,æ,¤,ɉº,°,ĉº,³,¢□B

#### ‰ï˜b,Ì<u></u>l—¹

● ´´Ê˜bf□fjf…□[,Å□**Ø'f**,ð'l,ñ,'nº,³,¢□B 

‰ï~b,Í□I—¹,µ,Ü,·□B

fCf"f^[[flfbfgftfHf",ð]|—

# Ic□[f<fo□[fVf‡□[fgf]fbfg</p>

# Image: Ima



# fc□[f<fo□[fVf‡□[fgf]fbfg </pre>



 $fCf''f^{[[f]}bfgftfHf'', {}^{a}fCf''f^{[[f]}bfgftfHf''fT[[fo, @, c, , \dot{E}, \frac{1}{2}, \dot{I}]]U' \pm, \delta \% \delta ]] @, \mu, \ddot{U}, \cdot ]] B$ 

οκ

f\_fCfAf□fOf{fbfNfX,Ì□Ý'è,ðŽó,⁻"ü,ê,Ä□AŽÀ□s,μ,Ü,·□B

### fLfff"fZf<

 $\check{Z}\dot{A}\_s, \delta fLfff"fZf<, \mu\_Af_fCfAf\_fOf{fbfNfX,}\delta\bullet \hat{A}, \P, \ddot{U}, \cdot\_B$ 

## fwf<fv

f\_fCfAf\_f0f{fbfNfX,ÉŠÖ,·,é'Ήž,·,éfwf<fvf\_fbfZ[[fW,ª"¾,ç,ê,Ü,·[]B

### IRC fT[[fo

,±,Ìf{fbfNfX,Í, ,È,½,ª∏Ú'±,µ,æ,¤
#### IRC f|□[fg

,±,Ìf{fbfNfX,ĺfT□[fo,É□Ú'±,·,é,½,ß,ÉŽg,í,ê,éfJfXf^f€f|□[fg"Ô□†,ð"ü ĺ,³,¹,Ü,·□B'¼,Ì,à,Ì,ð'm,ç,È,¢,È,ç□A,Ù,Æ,ñ,Ç,ÌfT□[fo,ªffftfHf<fgf|□[fg"Ô□†,ðŽg,¢,Ü,·□B

# Žg—pffftfHf<fgf|□[fg

flf",ÌŽž□AfT□[fo,É□Ú'±,μ,æ,¤,Æ,∙,鎞ffftfHf‹fgf|□[fg"Ô□†,ðŽg,¢,Ü,·□B

## fXf^□[fgfAfbfvŽž,ÌŽ©"®□Ú'±

flf",ÌŽž□AfCf"f^□[flfbfgftfHf"<N"®Žž,ĺ,¢,Â,Å,à'l,Î,ê,½fT□[fo,ÉŽ©"®"l,É□Ú'±,μ,æ,¤ ,Æ,μ,Ü,·□B

## IRC fT[[fo...

<ß,,É, ,éfT[[fo,ÌfAfhfŒfX,ð'm,ç,È,¢[]ê[]‡,Í[]¢ŠE'†,ÌfCf"f^[[flfbfgftfHf"fT[[fo,ÌfŠfXfg,ª•\ ަ,Å,«,Ü,·[]B





 $f \Box f b f Z \Box [f W \Box s f G f ‰ \Box [, \mathcal{E} f \Box f b f Z \Box [f W, \tilde{l} \Box a - \frac{3}{4}]$ 

#### <u>fGf‰⊡[f⊡fbfZ⊡[fW</u>

fGf‰[[f]]fbfZ[[fW,Ì[]à-¾



#### <u>-â'è,ƉðŒ^</u>

, ,È,½,ª□o‰ï,¤,©,à'm,ê,È,¢-â'è,Æ,»,ê,ç,Ì ‰ðŒ^•û-@

#### -â'è,ƉðŒ^

#### fTfEf"fh-â'è

—¼•û,Ì—<sup>~</sup>—pŽÒ,ª'å,«,,È,Á,Ä,¢,fs□[,Æ,¢,¤,ª•·,±,¦,Ü,·

Attention [] ARing [] ACall, ÆBusy, ̉<sup>1</sup>,<sup>a</sup>, µ, Ü,<sup>1</sup>, ñ

'ŠŽè,Ì]º,ª,¢,Â,à"r]Ø,ê,ª,¿,É,È,é

'ŠŽè,Ì□º,ª'å,«,·,¬,Ä□A,Đ, ֻ,ñ,Å•·,±,¦,Ü,·□B

‰¹—Ê'²□®,ª□o—^,Ü,¹,ñ□B

**□º,ª'å,«,·,¬,Ä'ŠŽè,É,Í,Đ,**,,ñ,Å•·,±,¦,Ü,·**□**B

‰¹<u></u>l⁰″FŽ⁻,Ì-â'è

'Ê<sup>~</sup>bŒãSPEAKf,**□[fh,Ì**□ó'Ô,Ì,Ü,Ü,Å,·□B

´Ê<sup>~</sup>b'†fCf"f^□[flfbfgftfHf",ªSPEAKf,□[fh,ÆIDLEf,□[fh,ÌŠÔ,Å□A,·,®Ž~,Ü,Á,Ä,µ,Ü, ¢,Ü,·□B

′Ê~b′†'ŠŽè'¤,ÉŒ¾—t,ÌŠÔ,É□ufJf`fb□v,Æ,¢,¤‰¹,ª•·,±,¦,Ü,·□B

'S"ñ]d,Ì-â'è

'S"ñ[]d'Ê<sup>~</sup>b,ð[]s,Á,Ä,¢,鎞[]A"½‹¿‰¹,ª•·,±,¦,é

'ŠŽè,ª"¼"ñ[]dfl[][fffBfl,ðŽg,Á,Ä,¢,Ä~b,ª,¢,Â,à"r[]Ø,ê,é

'ŠŽè,ª<sup>~</sup>b,μ,Ä,¢,é,Ì,ɉ½,à•·,±,¦,È,¢

IRC,Æ,Ì□Ú'±,ª"ñ□í,É'x,¢

IRC,©,çfjfbfNfl□[f€,ª"<sup>-</sup>,¶,Æ,¢,¤f□fbfZ□[fW,ª□o,é

"o<sup>~</sup>^^á"½,Ìf⊡fbfZ□[fW,ª□o,é

<u>Žg—p'†,ÉIRCfT□[fo,Æ,Ì□Ú'±,ª□Ø'f,μ,Ü,μ,½</u>

'N,àIRCflfbfgf□□[fN,É□Úʻ±,μ,Ä,¢,Ü,¹,ñ

TIA,Æ,Ì-â'è

fgfsfbfNŒŸ□õ,ª"®,©,È,,È,è,Ü,μ,½

SLIP/PPP []Ú'±,ÅfCf"f^[][flfbfgftfHf",ðŽg,¤

#### Multitasking -â'è

f□f,fŠ□[-â'è

'S‱æ-Ê,Å□ADOSfAfvfŠfP□[fVf‡f",ðŽg,Á,Ä,¢,鎞□A‰¹,ª,Æ,¬,ê,é,©'S,∙·,± ,¦,È,¢□B

## f\_fbfZ\_[fW\_sfGf%\_[f\_fbfZ\_[fW

f\_fbfZ\_[fW,ĺfAf<ftf@fxfbfg[]‡,ÅfŠfXfgfAfbfv,³,ê,Ü,·[]B

**"AUDIO DEVICE BUSY"** 

"BAD AUDIO FORMAT"

**"BAD IP ADDRESS"** 

"CANT GET IP ADDRESS"

"CANT RESOLVE HOST"

"CONNECTION LOST"

**FULL DUPLEX FAILED** 

"NETWORK ERROR!"

"HOST UNREACHABLE"

"NETWORK UNREACHABLE"

"NO COMPRESSED AUDIO"

"NOT AN IPHONE USER"

**"REMOTE AUDIO BUSY"** 

"REMOTE BAD AUDIO FMT"

"REMOTE CPU TOO SLOW"

"REMOTE UNKNOWN DATA"

"RESOLVING IP ADDRESS"

"USER NOT ACCESSIBLE"

"UNKNOWN DATA"

**"UNKNOWN ERROR"** 

**"REMOTE UNKNOWN ERROR"** 

"CPU TOO SLOW"

# f|fbfvfAfbfvfGf‰[[f]fbfZ[[fW

"•Ê,ÌfAfvfŠfP□[fVf‡f",ª‰¹□º'•'u,ðŽg—p,μ,Ä,¢ ,Ü,·ΠBfefXfg,ðΠs,¤ΠêΠ‡,ÍΠA'¼,ÌfAfvfŠfPΠ[fVf‡f",ðΠI—¹,³,¹,Ä,©,ς,n,j,ð'l'ð,μ,Ä,-,¾,³,¢∏**B**" "fAfvfŠfP[[fVf‡f"f][[fffBf"fOfGf%[[ [...]" "‰¹□º'•'u,ªŒ©,Â,©,ç,È,¢,©□A,Ü,½,Í□³,µ,fCf"fXfg□[f‹,³,ê,Ä,¢,Ü,¹,ñ□B" "IRCfT[[fo[EfŠfXfgftf@fCf<,ªŒ©,Â,©,è,Ü,¹,ñ⊓B[...]" " VCAUDWL.DLL,ðf□□[fh,Å,«,Ü,¹,ñ□B" " VCWAVE.DLL,ðf□□[fh,Å,«,Ü,¹,ñ□B" "IRCfT□[fo,©,c□Ø'f,³,ê,Ü,μ,½□B [...].□Ä"x□Ú'±,μ,Ü,·,©?" "Network DLL.,ð∏‰Šú‰»'†fGf‰∏[,ª"∏¶,µ,Ü,µ,½∏B" "f\fPfbfgfAfhfŒfX,ðŽæ,è∏ž,Þ,±,Æ,ª,Å,«,Ü,¹,ñ∏BfGf‰∏[fR∏[fh=[…]." " IRC fT□[fo,Ö,Ì□Ú'±,ÉŽ、"s,μ,Ü,μ,½□B […] " "f\fPfbfg,ð⊓ì⊓¬,Å,«,Ü,¹,ñ⊓BfGf‰⊓[fR⊓[fh=[...]." "IRCfTΠ[fo,Æ,ÌTCPΠÚ'±,ÉŽ, "s,μ,Ü,μ,½ΠB" "TCP/IP,Ì**□‰Šú‰»fGf‰**□[□B(fGf‰□[ […])." "VCIRC.DLL,,©,cIRCfTf|[[fg,Ìf]][fhfGf%][[B fGf%][fR][fh [...]" "IRCfT□[fo,É□Ú'±,Å,«,Ü,¹,ñ□B" "IRCfT□[fofAfhfŒfX,ÌŠm"F,ÉŽ\_"s,µ,Ü,µ,½" "[...].EXE,ðŽÀ∏s,Å,«,Ü,¹,ñ,Å,μ,½ΠΒ [...]" "f\fPfbfqflfvfVf‡f",ðfZfbfq,Å,«,Ü,¹,ñ∩BfGf‰∩[fR∩[fh=[...].TCP/IPf\ ftfgfEfFfA,ª[]<sup>3</sup>,µ,fZfbfgfAfbfv,<sup>3</sup>,ê,Ä,¢,Ü,<sup>1</sup>,ñ[]B" "'S"ñ⊓d‰¹⊓º'∙'u⊓Ý'è,ªŒ©,Â,©,è,Ü,μ,½⊓B" ""¼"ñ⊓d‰¹⊓º'•'u⊓Ý'è,ªŒ©,Â,©,è,Ü,μ,½∏B" "fCf"f^∏[flfbfgftfHf"fff,"Å,Å,·∏B" ",Q,Â^È∏ã,̉¹∏º'•'u,ª∏AfCf"fXfg∏[f<,³,ê,Ä,¢,Ü,·∏B" "fCf"f^∏[flfbfgftfHf",ĺfGf"fnf"fXfg∏Ef,∏[fh,'nÒ"®,μ,Ü,·∏B" "fCf"f^∏[flfbfgftfHf",É,ĺfEfBf"fhfEfY3.1^È∏ã,Ì,n,r,ª•K—v,Å,·∏B"

"‰¹□º'•'u□Ý'è,ÌfefXfg,ð□s,¢,Ü,·□B"

"fCf"f^□[flfbfgftfHf",<sup>a</sup>fVfXfef€,Ì□<sup>^</sup>—□"\ ĺ,ðfefXfg,μ,Ü,·□BOK,ð'l'ð,·,é'O,É,·,×,Ä,ÌfofbfNfOf ‰fEf"fh,ÌDOSfAfvfŠfP□[fVf‡f",ð□l—¹,³,¹,Ä,,¾,³,¢□B"

"IRCfGf‰[[ [...]"

"fjfbfNfl□[f€,ĺŠù,É'¼,Ì□l,ªŽg—p,μ,Ä,¢,Ü,·□B "

"f^fCf€fAfEfg,É,È,è,Ü,µ,½[]B"

""ü—ĺ,μ,½□î•ñ,ª□³,μ,¢,©□AŠm"F,μ,Ä,,¾,³,¢□B"

"ŒÂ□l□î•ñ,ð"ü—ĺ,µ,Ä,,¾,³,¢□B"

""o<sup>~</sup>,í□l—¹,μ,Ü,μ,½□BfCf"f<sup>^</sup>□[flfbfgftfHf",í□l—¹,μ,Ü,·□B□V,μ,¢"o<sup>~</sup>,ð— Lο,É,·,é□ê□‡,Í□AfCf"f<sup>^</sup>□[flfbfgftfHf",ð□ÄŽÀ□s,μ,Ä,,¾,³,¢□B"

 $\underline{",\pm,lftf@fCf\langle,l[]^3Z@,E"o^^ftf@fCf\langle,Å,l,,e,U,^1,n[]B,a,x^e"xZA[]s,\mu,A,,34,3,c[]B"}$ 

"fCf"f^[[flfbfgftfHf"fff,"Å,Å,·[]B"o<sup>~</sup>^'O,Ì30"úŠÔ[]A,±,ÌfAfvfŠfP[[fVf‡f",ðŽg,¤Ž-,ª,Å,«,Ü,·[]B"

"fjfbfNfl□[f€,ªŒë,Á,Ä,¢,Ü,·□B "

",±,Ìft□[fU,Í"o˜^,³,ê,Ä,¢,Ü,¹,ñ□B"o˜^fR□[fh,ª,Â,¢,Ä,¢

 $, \ddot{U}, {}^1, \ddot{n} \square BfCf"f^ \square [flfbfgftfHf" \square I — {}^1\check{Z}\check{z} \square AfNfCfbfNf{f^f", I \square \acute{A} < \check{Z} \square \acute{A} < \check{Z}, {}^3, \hat{e}, \ddot{U}, {}^. \square B"$ 

""o<sup>~</sup>^ftf@fCf<,ðfRfs[[,Å,«,Ü,¹,ñ[]B"

"fTf|[[[fg,³,ê,Ä,¢,È,¢[ATCP/IP WINSOCK.DLLfo[[fWf‡f",Å,·[]BfGf‰[[fR[[fh,í [...]."

"—<sup>~</sup>—pŽÒ[]î•ñ,Í[]A[]Ä"xIRC,É[]Ú'±,µ,½Žž,É[]A[]X[]V,³,ê,Ü,·[]B"

",·,Å,ÉIRCfT[[fo,É[]Ú'±[]Ï,Å,·[]BŒ»[]Ý,ÌfT[[fo,ð[]Ø'f,µŽw'è,µ,½fT[[fo,É[]Ú'± ,·,é[]ê[]‡,ÍYes,ð[]AŒ»[]Ý,Ì[]Ú'±,ðŒp'±,·,é[]ê[]‡,ÍNo,ð'l,ñ,Å,,¾,³,¢[]B"

",∙,Å,É"o<sup>~</sup>^□Ï,Å,·□B□Ä"x□A"o<sup>~</sup>^,μ,Ü,·,©?"

"fjfbfNfl□[f€,Í•K□{"ü—Í,Å,·□B"

", ,È,½,ÌfVfXfef€,ÍfCf"f^□[flfbfgftfHf"□^—□"\—ÍfefXfg,ðfNfŠfA,μ,Ü,μ,½□B" ""¼"ñ□d,Ì□^—□"\—ÍfefXfg,ðfNfŠfA,μ,Ü,μ,½□B"

", ,È,½,ÌfVfXfef€,Ì□AfCf"f^□[flfbfgftfHf"□^—□fCf"fffbfNfX,Í [..],,Å,·□B,± ,ê,Í□A□,,□§'l,æ,è□¬,³,¢'l,Å,·□B[..]."

### "fAfvfŠfP[[fVf‡f"f][[fffBf"fOfGf%][. [...]"

fCf"f^□[flfbfgftfHf"fvf□fOf‰f€f□□[f\_,Í□AfCf"f^□[flfbfgftfHf",ÌŽí□X,Ìfvf□fOf‰f€  $, \delta f \Box [ [fh, \cdot, \acute{e} \check{S} \hat{O} ] A f G f \% [ [, ] " ] \P, \mu, \ddot{U}, \mu, \frac{1}{2} B \check{Z} @, \dot{e} \bullet t, \overline{}, ] \check{S} \hat{O}^{\hat{}} \acute{a}, \acute{A}, \ddot{A}, \dot{c}$ 

,é,©fCf"f^∏[flfbfgftfHf",Ì^ê•", $^{a}$ ,·,Å,É"®,¢,Ä,¢,é,½,ß,É<N,±,è,Ü,·∏B,Ç,ñ,ÈfP∏[fX,Å,à∏A–

â'è,Ì"ÁŽ¿,ÍfGf‰∏[f\_fCfAf∏fO,ÅŽw'è,³,ê,Ü,·∏B

fEfBf"fhfEfY,ð[Ä<N"®,μ,Ä]A,»,μ,ÄfCf"f^[[flfbfgftfHf",ðf][[fh,μ,Ä,,¾,³,¢]B</li>
,à,μ-â'è,³‰ðŒ^,³,ê,È,¢,È,ç]A[Ä,ÑfCf"f^][flfbfgftfHf"fZfbfgfAfbfv,ð"®,©,μ,Ä,,¾,³,¢]B

### "‰¹□º'•'u,ªŒ©,Â,©,ç,È,¢,©□A,Ü,½,Í□A□³,µ,fCf"fXfg□[f<,³,ê,Ä,¢ ,Ü,¹,ñ[]B"

,È,©,Á,½]ê[]‡,âfCf"fXfg][[f<,ªŠÔ^á,Á,Ä,¢,é]ê[]‡,É<N,«,Ü,·]B  $\bullet$ ‰<sup>1</sup>]<sup>o</sup>'•'u,<sup>a</sup>]<sup>3</sup>Šm,ÉfCf"fXfg][f<,<sup>3</sup>,ê,Ä,¢,é,± ,Æ,ðŠm"F,µ,Ä]A]Ä,ÑfCf"f^][flfbfgftfHf",ð"®,©,µ,Ä,,¾,³,¢]B

# "IRC fT[[fo]EfŠfXfgftf@fCf<,ªŒ©,Â,©,ç,È,¢ [...] "

 $\label{eq:fcff} f^{[[f]fbfgftfHf",^{a}]U'\pm, Å, «, é IRC fT][fo]EfŠfXfg, \deltaŠÜ, Þftf@fCf<, I] e] Š, \deltaŒ©, Â, ¯, é, ± , & , Å, «, Ü, ¹, ñ, Å, µ, ½]B$ 

ΠÄ,ÑfCf"f^[[f]fbfgftfHf"fZfbfgfAfbfv,ðŽÀ]s,μ,Ä,,¾,3,¢]B

# " VCAUDWL.DLL.,ðf□□[fh,Å,«,Ü,¹,ñ"

 $\begin{array}{l} fCf"f^[[flfbfgftfHf", IVCAUDWL.DLL f, fWf...[[f<, \delta f]][[fh, Å, «, Ü, <sup>1</sup>, ñ, Å, \mu, <sup>1</sup>/<sub>2</sub>]B\\ \bullet fCf"f^[[flfbfgftfHf"fZfbfgfAfbfv, \delta]]Ä" xŽA]s, \mu, Ä, , <sup>3</sup>/<sub>4</sub>, <sup>3</sup>, ¢]B \end{array}$ 

" VCWAVE.DLL.,ðf□□[fh,Å,«,Ü,¹,ñ"

 $\begin{array}{l} fCf"f^[[flfbfgftfHf", \acute{I} VCWAVE.DLL f, fWf...[[f<, \eth f]][fh, Å, «, Ü, ¹, ñ, Å, \mu, ½]B \\ \bullet fCf"f^[[flfbfgftfHf"fZfbfgfAfbfv, \eth, à, ¤^ê"x'-, \varsigma, ¹, Ä, ,¾, ³, ¢]B \end{array}$ 

### "IRC fT[[fo,©,ç]Ø'f,³,ê,Ü,μ,½]B [...].[Ä"x]A]Ú'±,μ,Ü,·,©?"

 $fCf''f^[[flfbfgftfHf'', ]]U' \pm, \mu, \ddot{A}, c, \frac{1}{2} \underline{IRC} fT[[fo, ], c] \emptyset'f, ], \hat{e}, \ddot{U}, \mu, \frac{1}{2}]B, \pm$ 

,ê,ĺfŠf,[[fgIRCfT[[fo,É,¨,¯,é-â'è,©flfbfgf]][[fN]Ú'±-â'è,Ì,½,ß,É<N,±,è,Ü,·]B  $\bullet$  fCf"f^[[flfbfgftfHf",ð,à,¤^ê"xfT][fo,É]Ú'±,µ,½,©,Á,½,çOK,ð'l,ñ,'n<sup>2</sup>,³,¢]B  $\bullet$  ´á,¤ IRC fT[[fo,É]Ú'±,µ,½,©,Á,½,ç]ACancel,ð'l,ñ,Åfc][f<fo][,à,µ,,ĺ'Ê~bf][fjf...][,©,ç IRC ]Ú'±,ð'l,ñ,Å]A•Ê,ÌfT[[fo,É]Ú'±,µ,Ä,,¾,³,¢]B

#### " Network DLL.,ð[]‰Šú‰»'†]Aflfbfgf]][[[fNfgf‰fuf‹,ª"]]¶,μ,Ü,μ,½]B"

, $\dot{e}$ , $\ddot{U}$ , $\mu$ , $\frac{1}{2}$  B, ±, $\hat{e}$ , $\hat{I}$ <u>TCP/IP</u> flfbfgf[][[fLf"fOf\ftfgfEfFfA, $^{a}$ ] $^{3}$ Šm, $\acute{E}$ fCf"fXfg[[f<, $^{3}$ , $\hat{e}$ , $\ddot{A}$ , $\dot{c}$ 

,È,¢∏ê∏‡,É<N,«,Ü,·∏B

TCP/IPf\ftfgfEfFfA,<sup>a</sup>fCf"fXfg[[f<,<sup>3</sup>,ê,Ä,¢,Ä[A"®,¢,Ä,¢,é,©Šm"F,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,¢]BTeInet,Ì,æ,¤ \_\_\_\_\_;ÈfAfvfŠfP□[fVf‡f",ðŠî'b,Æ,μ,½TCP/IP,ð"®,©,·,±,Æ,Åf`fFfbfN,Å,«,Ü,·□B ■ □Ä,ŇfCf"f^□[flfbfgftfHf",ð"®,©,μ,Ä,,¾,³,4□B

#### "f\fPfbfgfAfhfŒfX,ðŽæ,è□ž,ÞŽ-,ª,Å,«,Ü,¹,ñ□BfGf‰□[fR□[fh=[...]."

fCf"f^□[flfbfgftfHf",ª□³Šm,É<u>TCP/IP</u> f\ftfgfEfFfA,ð□‰Šú‰»,·,é,±

,Æ,ª,Å,«,Ü,¹,ñ,Å,µ,½∏B,±

,ê,ĺ^ê,Â,ÌfAfvfŠfP□[fVf‡f",ªfCf"f^□[flfbfgftfHf",ÅŽg,í,ê,½"⁻,¶TCP/IP ,ðŽg,Á,Ä,¢

,é<u></u>]ê<u>[</u>‡,É<N,±,è,Ü,·<u>[</u>B

• Œ»□Ý" ® ,¢,Ä,¢,é,·,×,Ä,Ì

TCP/IPfAfvfŠfP[][fVf‡f",ð•Â,¶,ÄfCf"f^[][flfbfgftfHf",ð[]Ä"x"®,©,µ,Ä,,¾,³,¢[]B,à,µ,¤,Ü,,¢ ,¯,ĵ[]A, ,È,½,ĺflfbfgf[][[fNŠÇ—[]ŽÒ,ÉTCP/

$$\begin{split} & \mathsf{IPfAfvfSfP}[[fVf\sharpf``,1,\overline{C},\acute{e},{}^{a}fCf``f^{}][flfbfgftfHf``,\mathcal{E}``, \Pf|[[fg,\deltaZg,\acute{A},\ddot{A},¢,\acute{e},©[]q,\ddot{E},\ddot{A},,{}^{3},¢]]B\\ & \bullet, \mathsf{a},\mu,\pm \end{split}$$

,ê,Å,àŽ, "s,∙,é,È,ç∏AfEfBf"fhfEfY,ð∏Ä<N" ® ,µ,Ä∏Ä,ÑfCf"f^∏[flfbfgftfHf",ð" ® ,© ,µ,Ä,,¾,3,¢∏B

#### "IRC fT[[fo,Ö,Ì]Ú'±,ÉŽ,"s,μ,Ü,μ,½]B [...] "

 $fCf"f^{[[f]fbfgftfHf", afGf@[[f_fCfAf]fO, É-¾(L, 3, ê, ½, ½, ß, É <u>IRC</u> fT][fo, Ö, Ì]U'±,$  $,ÉŽ, "s, µ, Ü, µ, ½]B, ±, ê, Í]U'±, µ, æ, ¤, Æ, µ, Ä, ¢, ½IRC fT][fo, af_fEf", µ, Ä, ¢, é, ©]A, , é, ¢,$  $,ÍfCf"f^[[f]fbfg, Ö, Ì]U'±, aŒë]`"®, µ, Ä, ¢, é]ê]‡, É<N, «, Ü, ·]BfCf"f^[[f]fbfg]U'±fgf$  $%fuf<, Íf][[f]fsfzfXfg, , é, ¢, ÍfCf"f^[[f]fbfgfT][frfXfvf]fofCf_][, Ì]U'±, É, ", -, é$  $â'è, Ì, ½, ß, É<N, «, Ü, ·]B IRCfT][fofAfhf@fX, ð@^'è, ·, é, Ì, ÉŽ, "s, µ, Ü, · WSANO_DATA...$ 

, $ffCf^{+}f^{-}[flfbfg]U^{+},^{a}f_{f}Ef^{+},\mu,\frac{1}{2}Z^{+}(N,\pm,e^{+}TC^{+}I,E^{+}Gf^{-}][,A,\cdot]B$  **a**,a, $\mu fCf^{+}f^{-}[flfbfgfT][frfXfvf]fofCf_{-}[,E^{+}fCf,f^{+}fAfbfv]U^{+} (PPP or SLIP)$  $,<math>\delta Z^{-}_{,A},E,c,$ , $e,\delta ping,\cdot,e,\pm,\mathcal{R},E,\infty,A,A^{+}T][frfXfvf]fofCf_{-}[,]fzfXfg,\mathcal{R}]U^{+},^{3},e,A,c$ ,e,, $\delta X^{+},F,\mu,A,,^{3},4,^{3},C]B$  (Using the Ping utility provided with your <u>TCP/IP</u> networking software).

•,à, $\mu'^{1}_{4}$ ]ÚfCf"f^][flfbfg,Ö,Ì]Ú'±,ð,à,Á,Ä,¢,é,È,çfCf"f^][flfbfg,Ö,ÌfQ][fgfEfFfC,ª]‡'²,Å, ,é,±, ,Æ,ðŠm"F, $\mu$ ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,¢]B

ŠO•",Æ□Ú'±,Å,«,é,©,Ç,¤,©Šm"F,·,é,½,ß,É,Í□Ú'±,μ,æ,¤,Æ,μ,Ä,¢,½IRCfT□[fo,Ì,æ,¤,ÈfŠf,□[fgfzfXfg,ðping,μ,Ä,,¾,³,¢□B

,à,μfCf"f^[[flfbfg]]Ú'±,ª,n,j,Å, ,é,±,Æ,ðŠm]M,μ,Ä,¢,é,È,ç]A,½,¾'Ê~bf]fjf...][, ,é,¢ ,ĺfc][f<fo][,©,çIRC]U'±,ð'I,Ô,±,Æ,É,æ,Á,ÄfAfNfZfX,Å,«,é,h,q,bfT][fofŠfXfg,©,ç]Ú'± ,·,é^Ù,È,Á,½,h,q,bfT][fo,ð'I,ñ,Å,,¾,³,¢]B

### "f\fPfbfg,ð□ì□¬,Å,«,Ü,¹,ñ□BfGf‰□[fR□[fh=[...]."

 $fCf"f^{[[f]bfgftfHf", aflfbfgf]][[fN, \delta C \ddot{A}, \tilde{N}_{0}, \cdot, \frac{1}{2}, \beta, \acute{E} \bullet K - v, \mathcal{E}, ^{3}, \hat{e}, \frac{1}{2} \underline{TCP/IP} flfbfgf][[fLf"fOf] for the second seco$ fPfbfg,Ì[]ì[]¬,ÉŽ, "s,µ,Ü,µ,½[]BTCP/IPf\fPfbfg[]",ªŒÀŠE,ð‰z,¦,½[]A, ,é,¢,Í TCP/IPf\ftfgfEfFfA

configuration,É,¨,¯,é-â'è,Å, ,é‰Â"\[]«,ª, ,è,Ü,·[]B f\fPfbfg,ðŽg,Á,Ä,¢,éfAfvfŠfP[[fVf‡f",ÉŠÖŒW,·,é•Ê,Ì TCP/IP,ð•Â,¶,Ä[]Ä,ÑfCf"f^[[flfbfgftfHf",ð'I,ñ,Å,,¾,³,¢]B,à,µ,,ĺflfbfgf[][[fNŠÇ—[]ŽÒ,ÉTCP/ IPf\ftfgfEfFfA,ð]³Šm,Éconfigure,·,é,æ,¤,É—Š,ñ,Å,,¾,³,¢]B

#### "IRCfT[[fo,Æ,ÌTCP]Ú'±,ÉŽ¸"s,μ,Ü,μ,½"

 $fCf"f^{[[f]bfgftfHf", a}\%"Šu, IRCfT[[fo, É <u>TCP/IP</u>]U'±, a, Å, «, Ü, 1, ñ, Å, µ, ½]B, ±$ 

 $, \hat{e}, \hat{f}Cf"f^{[[f]fbfgfT]}[frfXfvf]fofCf_{[]}, \hat{S}O\bullet", \mathcal{A}, \hat{l}]U'\pm, \hat{e}f_fEf", \mu, \ddot{A}, \varphi$ 

 $, \acute{e}, \odot \_Af\check{S}f, \_[fgIRCfT\_[fo, \stackrel{a}{}_{f}_{f}Ef", \mu, \ddot{A}, ¢, \acute{e}, \odot \_A, \grave{a}, \mu, , \acute{l}f\check{S}f, \_[fgIRCfT\_[fo, \acute{E}'\frac{1}{4}, \grave{l}ft\_[fU, \mathcal{A}\bullet]]$ 

‰'S,ð,©, , , , ¬,Ä,¢,é,±,Æ,É,æ,Á,Ä<N,±,è,Ü, <u>□</u>B

'Ê~bf□fjf...□[, ,é,¢,ĺfc□[f<fo□[,©,çIRC □Ú'±,ð'l,Ô,±</p>

,Æ,É,æ,Á,ÄfAfNfZfX,Å,«,éIRCfT□[fofŠfXfg,©,ç□A□Ú'±,·,é•Ê,ÌIRCfT□[fo,ð'I,ñ,Å,,¾,³,¢□B ●,à,µ•Ê,ÌIRCfT□[fo,É,¤,Ü,□Ú'±,Å,«,È,©,Á,½,ç□A□Ú'±,µ,æ,¤,Æ,µ,Ä,¢,éIRCfT□[fo,Ì,æ,¤ ,ÈfŠf,□[fgfzfXfgPing,·,é,±,Æ,É,æ,Á,ÄŠO•",É□Ú'±,³,ê,Ä,¢

,éfCf"f^[[f]fbfgfT][frfXfvf]fofCf\_[[,ÉŠm"F, $\mu$ ,Ä,, $^{3}_{4}$ , $^{3}$ ,¢]B (Use the Ping utility provided with your TCP/IP networking software).

●^ê"xfCf"f^□[flfbfg,É□³Šm,Ě,Â,È,°,é,±,Æ,ðŠm"F,μ,½,çIRC fT□[fo,É□Ä,Ñ□Ú'±,μ,Ä,,¾,³,¢□B

## "TCP/IP,Ì[]‰Šú‰»fGf‰[[[]B (fGf‰[[ [...])."

 $\underline{\text{TCP/IP}} flfbfgf \square [[fLf"fOf \ ftfgf EfFfA, ^a \square ^3 \ Sm, \acute{E}" \ @, ¢, \ddot{A}, ¢, \ddot{U}, ^1, \ddot{n} \square B, \pm, \acute{e}, \acute{I} - \acute{a}, |, \hat{l}fEfBf"fhfEfY, ^a \ TCP/IP$ 

fhf‰fCfo,Éf□□[fh,Å,«,È,©,Á,½Žž,É<N,±,è,Ü,·□B **f**Rf"fsf...□[f^,ÉTCP/IP f\ftfgfEfFfA,ª□³Šm,ÉfZfbfgfAfbfv,³,ê,Ä,¢,é,©Šm"F,µ,Ä,-,¾,³,¢□B

# " VCIRC.DLL,©,çIRCfTf|[[[fg,Ìf]][[fhfGf‰[[ [...]"

,ĺ,»,ê,ªfCf"f^□[flfbfgftfHf",ÌŒÃ,¢fo□[fWf‡f",Ì,à,Ì,¾,Á,½Žž,É<N,±,è,Ü,·□B ■ fEfBf"fhf⊑fY,ð□Ä<N"®,μ,Ӓ□Ä҉,ŇŽŽ,Ý,Ä,,¾,³,¢□B

,à,μ,±,ê,Å,àŽ, "s,μ,½,ς□Ä,ÑfCf"f^□[flfbfgftfHf"fZfbfgfAfbfv,ð" ®, ©,μ,Ä,,¾,3,¢□B

#### "IRC fT[[fo,É]Ú'±,Å,«,Ü,¹,ñ]B"

fCf"f^[[flfbfgftfHf",<sup>a</sup> IRC fT[[fo,É[]Ú'±,Å,«,Ü,<sup>1</sup>,ñ[]B,±,ê,ĺIRCfT[[fo,<sup>a</sup>

,ĺfT□[fo,É□Ú'±,·,é <u>TCP/IP</u> ,ª,¤,Ü,"®,©,È,¢Žž,É<N,±,è,Ü,·□B

■ fc\_l[f<fo\_l,É, ,éIRC \_Ú'±f{f^f", ,é,¢,ĺ'Ê~bÒÆ°,©,çIRC \_Ú'±,ð'I,Ô,±

,Æ,É,æ,Á,ÄfAfNfZfX,Å,«,é IRC fT□[fofŠfXfg,©,ç<sup>4</sup>,¤IRCfT□[fo,ð'I,ñ,Å,,¾,³,¢□B a,à,µ•Ê,Ì IRC fT□[fo,Å,à,¤,Ü,□Ú'±,Å,«,È,©,Á,½,ç□Ú'±,µ,æ,¤,Æ,µ,Ä,¢,éIRCfT□[fo,Ì,æ,¤ ,ÈfŠf,□[fgfzfXfg,Éping,·,é,±,Æ,É,æ,Á,ÄfCf"f<sup>1</sup>□[flfbfgfT□[frfXfvf□fofCf\_□[,ªŠO•",Æ□Ú'± ,³,ê,Ä,¢,é,©Šm"F,µ,Ä,,¾,³,¢□B(Use the Ping utility provided with your TCP/IP networking software).

●^ê"xfCf<sup>"</sup>f^□[flfbfg,É□³Šm,É,Â,È,°,é,±,Æ,ðŠm"F,μ,½,çIRC fT□[fo,É□Ä,Ñ□Ú'±,μ,Ä,,¾,³,¢□B

### "IRC fT[[fofAfhfŒfX,ÌŠm"F,ÉŽ,"s,μ,Ü,μ,½"

â'è,Ì,½,ß,É<N,«,Ü,·□B IRCfT□[fofAfhfŒfX,ÌŠm"F,ÉŽ,"s,µ,Ü,µ,½□B WSANO\_DATA...

, ĺfCf"f^[[flfbfg]Ú'±, ²f\_fEf",  $\mu$ , ½Žž, É<N, «, é"TŒ^"I, ÈfGf‰[[, Å, ·]B

,à,μfCf"f^[[f]fbfgfT[[frfXfvf]]fofCf\_[[,Æf\_fCf,,f<fAfbfv]]Ú'± (PPP or SLIP),μ,Ä,¢ ,é,È,ς]AIRCfT[[fo,ì,æ,¤,ÈfŠf,][fgfzfXfg,É ping,·,é,±

,Æ,É,æ,Á,Ä[]A, ,È,½,<sup>a</sup>fT[[frfXfvf[]fofCf\_[][,ÌfzfXfg,Æ]]Ú'±,<sup>3</sup>,ê,Ä,¢,é,©Šm"F,µ,Ä,,¾,<sup>3</sup>,¢]B (Using the Ping utility provided with your <u>TCP/IP</u> networking software).

•,à,μ,, ,È,½,ª'¼□ÚfCf"f^□[flfbfg□Ú'±,ð,à,Á,Ä,¢

,é,È,ç□AfCf"f^□[[flfbfg,Ö,]]fQ□[fgfEfFfC,ª□‡′²,Å, ,é,±,Æ,ðŠm"F,μ,Ä,,¾,³,¢□B ■ ŠO•",Æ□Ú'±,Å,«,é,©Šm"F,·,é,½,ß,É,Í□A□Ú'±,μ,æ,¤,Æ,μ,Ä,¢,½IRCfT□[fo,Ì,æ,¤

ŠO•",Æ□Ú'±,Å,«,é,©Šm"F,·,é,½,ß,É,Í□A□Ú'±,μ,æ,¤,Æ,μ,Ä,¢,½IRCfT□[fo,Ì,æ,¤,ÈfŠf,□[fgfzfXfg,ð,½,¾ ping,μ,Ä,,¾,³,¢□B

● <sup>"Ž</sup>ŽĽ□«,Ì DNS flfyfŒ<u>□</u>[fVf‡f",©,Ç—£,ê,Ä—

D[]æ[]«f\_fCfAf[]fOf{fbfNfX,Å"<sup>-</sup>Žž[]«,ÌDNSflfyfŒ[][fVf‡f",É[]Ø,芷,¦,Ä[]A,»,µ,Ä[]Ä,ÑŽŽ,Ý,Ä,-,¾,³,¢[]B

#### "[...].EXE,ðŽÀ□s,Å,«,Ü,¹,ñ,Å,μ,½□B[...]"

fCf"f^□[flfbfgftfHf"fvf□fOf‰f€f□□[f\_,<sup>a</sup>fCf"f^□[flfbfgftfHf",ÌŽí□X,Ìfvf□fOf‰f€ ,ŏf□□[fh,·,éŠÔ□AfGf‰□[,<sup>a</sup><N,«,Ü,µ,½□B,±,ê,ĺfCf"fXfg□[f<,<sup>a</sup>ŠÔ^á,Á,Ä,¢,é,©□A, ,é,¢ ,ĺfCf"f^□[flfbfgftfHf",<sup>a</sup>Šù,É" ®,¢,Ä,¢,é□ê□‡,É<N,«,Ü,·□B,Ç,ñ,ÈfP□[fX,Å,à-â'è,ĺfGf

‰[[f\_fCfAf[]fO,É-¾<L,³,ê,Ü,·[]B

fEfBf"fhfEfY,ð□Ä<N"®,μ,Ä□AfCf"f^□[flfbfgftfHf",ð"®,©,μ,Ä,,¾,³,¢□B</li>
,à,μ-â'è,³‰ðŒ^,³,ê,È,©,Á,½,ç□Ä,ÑfCf"f^□[flfbfgftfHf"fZfbfgfAfbfv,ð"®,©,μ,Ä,,¾,³,¢□B

## 

fCf"f^[[flfbfgftfHf",ª <u>TCP/IP</u> flfbfgf]][[fLf"fOf\fPfbfgflfvfVf‡f",ÉfAfNfZfX,·,é,± ,Æ,ÉŽ,"s,μ,Ü,μ,½]B TCP/IP f\ftfgfEfFfA,ª[]³,μ,fZfbfgfAfbfv,³,ê,Ä,¢,é,©Šm"F,μ,Ä,,¾,³,¢]]B

# "fCf"f^[[flfbfgftfHf",ĺfGf"fnf"fXfgf,][fh,'nÒ"®,μ,Ü,·"

# "fCf"f^□[flfbfgftfHf",É,ĺfEfBf"fhfEfY3.1^È□ã,ÌOS,ª•K—v,Å,·□B"

fCf"f^□[flfbfgftfHf",ĺfEfBf"fhfEfY3.0<sup>°</sup>ȉº,Ìfo□[fWf‡f",Å,ĺ"®,«,Ü,¹,ñ□B

 $\label{eq:fcfff} f^{[[flfbfgftfHf",ð"@,©,\cdot,½,B,É,lfEfBf"fhfEfY3.1^È[]ã,lfo[][fWf‡f",É[]ã,°,È,<sup>-</sup>,ê,l,È,è,Ü,¹,ñ[] B$ 

## "IRC fGf‰[[ [...]"

 $\label{eq:linear_line$ 

#### "fjfbfNfl□[f€,Í□A,·,Å,É'¼,Ì□l,ªŽg—p,μ,Ä,¢,Ü,·□B

fCf"f^□[flfbfgftfHf",ª, ,È,½,Æ"<sup>-</sup>,¶ <u>fjfbfNfl□[f€</u> ,ðŽg,Á,Ä,¢

,é'¼,Ìf†□[fU,ðŒ©,Â,<sup>-</sup>,Ü,µ,½□BfjfbfNfl□[f€,Í <u>IRC</u>, □ã,Å,Q"xŽg,¤,±,Æ,ª,Å,«,È,¢

,Ì,Å, ,È,½Ž©∏g,ÌfjfbfNfl□[f€,ð'l,Ô∙K—v,ª, ,è,Ü,·□B,Ü,½□³,μ,,È,¢∙û-@,Å <u>IRC</u>

fT[[fo,©,ç]Ø'f,μ,½,Ì,Å-¼'O,ª"o<sup>~</sup>,³,ê,½,Ü,Ü,Å]Ä,ÑŽg,¦,È,¢,Æ,¢,¤‰Â"\[«,à, ,è,Ü,·] BIRC,ª,»,Ì]Ø'f,ð,Ý,Â,<sup>-</sup>,é,Ì,É'½]ŽžŠÔ,ª,©,©,è,Ü,·]B

● flfvfVf±f"f□fjf…□[, ©, ç — ~ — pŽO□î•ñ,Ì"o~ ,ð'l,ñ,Å□A^Ù,È,Á,½fjfbfNfl□[f€,ðf^fCfv,μ,Ä,-,¾,³,¢□B

## "f^fCf€fAfEfg,É,È,è,Ü,µ,½[]B"

fCf"f^[[f]fbfgftfHf",<sup>a</sup> IRC fT[[fo, ©, ç,  $\lambda^{\prime\prime}$ ,  $\lambda^{\prime}$ ,  $\lambda$ 

,ÍIRCfT□[fo,Ìoverloading,Ì,½,ß,É<N,«,Ü,·□B

,Æ,É,æ,Á,ÄfAfNfZfX,Å,«,éIRCfT□[fofŠfXfg,©,ç<sup>°</sup>Ù,È,Á,½IRCfT□[fo,ð'I,ñ,Å,,¾,³,¢□B **●** ,à,μ•Ê,ÌIRCfT□[fo,Å,à,¤,Ü,□Ú'±,Å,«,È,©,Á,½,ç□A□Ú'±,µ,æ,¤,Æ,µ,Ä,¢,éIRCfT□[fo,Ì,æ,¤ ,ÈfŠf,□[fgfzfXfg,É ping,·,é,±,Æ,É,æ,Á,ÄfCf"f<sup>°</sup>□[flfbfgfT□[frfX'ñ<ŸŽÒ,ªŠO•",É□Ú'±,³,ê,Ä,¢ ,é,©Šm"F,µ,Ä,,¾,³,¢□B (Use the Ping utility provided with your <u>TCP/IP</u> networking software).

## ""ü—ĺ,μ,½□î•ñ,ª□³,μ,¢,©□AŠm"F,μ,Ä,,¾,³,¢"

# "ŒÂ**□l**□î•ñ,ð"ü—ĺ,µ,Ä,,³₄,³,¢"

### ",±,Ìftf@fCf<,Í□A□³Ž®,È"o˜^ftf@fCf<,Å,ĺ, ,è,Ü,¹,ñ□B,à,¤^ê"x□AŽÀ□s,µ,Ä ,,¾,³,¢□B"

fCf"f^[[flfbfgftfHf",ĺ"o~^ftf@fCf<,ðʻl,Ñ,Ü,μ,½,ª[]A,»,ê,ĺ-³Œø,Ìftf@fCf<,Å,μ,½[]B ŽO^ä[]î•ñŠJ"[]iŠ"[]j,©,çŽó,¯Žæ,Á,½flfŠfWfif<,Ì"o~^ftf@fCf<,Å,,é,©Šm"F,μ,Ä,,¾,³,¢[]B fCf"f^[[flfbfgftfHf",Ìftf<fo[[fWf‡f",ð']•¶,·,é•û-@,É,Â,¢,Ä,Ì[]î•ñ,ĺ <u>"o~^fR[[fhŽæ"¾•û-@</u>,ðŒ©,Ä,,¾,³,¢]]B
## "fCf"f^[[flfbfgftfHf"fff,"Å,Å,·"

, ,È, $\frac{1}{2}$ ,ÍfCf"f^[[flfbfgftfHf",Ìfff,"Å,ðŽg,Á,Ä,¢

,Ü,  $\cdot$  Bftf  $\cdot$  fo [fWf+f",  $\mathcal{E}^{-}$ ,  $\mathbb{R}, \mathbb{A}, \cdot, \mathbb{P} \cap \mathbb{A}' \hat{\mathbb{E}}^{-} b, \hat{1}, P \bullet^{\mathbb{Q}}, \hat{\mathbb{E}} \cap \mathbb{A}, \hat{\mathbb{A}}, \hat{\mathbb{C}}, \hat{\mathbb{A}}, \hat{\mathbb{C}}$ 

,Ä□A'Ê~bŒãŽ©"®"I,É□Ø,ê,Ü,·□B

$$\begin{split} \tilde{S} @ `S, \tilde{E}fCf"f^[[f]fbfgftfHf", \delta \tilde{Z}g, \mathtt{x}, \frac{1}{2}, B, \acute{E}, \acute{I}" \mathcal{A} \tilde{Z} ©, \widetilde{I}" o^{^} fR[[fh, \widetilde{I}ftf < fo[[fWftf", \delta []w"""u, \mu, \ddot{A}, -, \frac{3}{4}, \frac{3}{4}, c ]] B \end{split}$$

### ",±,ê,ĺfCf"f^□[flfbfgftfHf",Ìfff,"Å,Å,·□B"o<sup>~</sup>^'O,Ì30"úŠÔ□A,± ,ÌfAfvfŠfP□[fVf‡f",ðŽg,¤Ž-,ª,Å,«,Ü,·□B

, ,È, $\frac{1}{2}$ ,ÍfCf"f^[[flfbfgftfHf",Ìfff,"Å,ðŽg,Á,Ä,¢

,Ü,·□B,»,ê,ĺftf<fo□[fWf‡f",Æ"<sup>-</sup>,¶,Å,·,ª'Ê<sup>~</sup>b,ĺ,P•ª,É□§ŒÀ,³,ê,Ä,¢

,Ä□A'Ê~bŒãŽ©"®"I,É□Ø,ê,Ü,·□B,±,Ìf\ftfgfEfFfA,ð"o~^,·,é'O,É,R,O"úŠÔŽg,¦,Ü,·□B

### $(f) = \frac{1}{2} (f) = \frac{1}{2}$

Š®'S,ÉfCf"f^□[flfbfgftfHf",ðŽg,¤,½,ß,É"ÆŽ©,Ì"o<sup>~</sup>^fR□[fh,Ìftf<fo□[fWf‡f",ð□w"ü,µ,Ä,-,¾,³,¢□B

ſĊŢ"ſ^□[flfbfgftfHf",Ìftf<fo□[fWf‡f",ð'□•¶,·,é•û-@,É,Â,¢,Ä,Ì□î•ñ,Í

<u>**"o~^fR**[[fhŽæ"¾•û-@</u>,ðŒ©,Ä,,¾,³,¢]]B

## "fjfbfNfl□[f€,ªŒë,Á,Ä,¢,Ü,·"

, ,È,½,ª"ü—ĺ,μ,½ <u>fjfbfNfl□[f€</u> ,ĺŒë,Á,Ä,¢,Ü,·□B ● •Ê,ÌfjfbfNfl□[f€,ðf^fCfv,μ,Ä,,¾,³,¢□B'·,³,ĺ,X•¶Žš-~,Å•¶Žš,Æ□"Žš,Æ **- [ ] ` ^ { }** ,¾,¯,ðŽg,Á,Ä,,¾,³,¢□B

### ",±,Ìft□[fU,ĺ"o~^,³,ê,Ä,¢,Ü,¹,ñ□B"o~^fR□[fh,ª,Â,¢,Ä,¢ ,Ü,¹,ñ□BfCf"f^□[flfbfgftfHf"□l—¹Žž□AfNfCfbfNf{f^f",ĺ□Á<Ž,³,ê,Ü,·□B"

, ,È,½,Í"o~^,³,ê,Ä,¢

,È,¢fCf"f^[[flfbfgftfHf"ft[[fU,ðŽw'è,·,é,½,ß,ÉfNfCfbfNf{f^f",Ì,P,Â,ðfZfbfg,µ,Ü,µ,½]B"o<sup>~</sup>  $^{,3}$ ,ê,Ä,¢,È,¢ft[[fU,ĺ^ꎞ"I,ÈfAfNfZfXfR[[fh,ðŽ],Á,Ä,¢

,é,Ì,Å $\Box$ Af{f^f",Í $\Box$ AfCf"f^ $\Box$ [flfbfgftfHf",ðfŠf $\Box$ [fh,·,é,Æ,·,®,É $\Box$ A,»,Ìf† $\Box$ [fU $\Box$ [,ð"o<sup>~</sup>^,µ,È,¢,Å,µ,å,¤ $\Box$ B,»,êŒÌ,É $\Box$ Af{f^f",Í $\Box$ AfCf"f^ $\Box$ [flfbfgftfHf",ð $\Box$ I,¦,½,Æ,« $\Box$ A $\Box$ Á<Ž,³,ê,Ü,· $\Box$ B

## ""o<sup>~</sup>^ftf@fCf<,ðfRfs[[,Å,«,Ü,¹,ñ[]B"

fEfBf"fhfEfYfffBfŒfNfgfŠ,É"o<sup>~</sup> ftf@fCf<,ðfRfs[[,·,éŽ-,ª[]o—<sup>^</sup>,Ü,<sup>1</sup>,ñ,Å,µ,½]B ●fEfBf"fhfEfYfffBfŒfNfgfŠ,Å[]<sup>3</sup>,µ,¢WRITE"ÁŒ,ðŽ[],Á,Ä,¢,éŽ-,ðŠm"F,µ,Ä,,¾,³,¢[]B ● fCf"f<sup>^</sup>][flfbfgftfHf",ð'[]•¶,·,é•û-@,É,Â,¢,Ä,Ì[]î•ñ,Í <u>"o<sup>~</sup>fR[[[fhŽæ"¾•û-@</u>, ,ðŒ©,Ä,,¾,³,¢[]B

## fTf|[[fg,³,ê,Ä,¢,È,¢]ATCP/IP WINSOCK.DLLfo][fWf‡f",Å,·]B fGf‰[[fR][fh,Í]E]E]E]B

fCf"f^[[flfbfgftfHf",ĺTCP/IPfvf[fgfRf<,ðŽg,¤,æ,¤,ÉfZfbfgfAfbfv,³,ê,Ä,¢

 $, \ddot{U}, \cdot \square B, \mu, \circledast, \mu \square^{3}, \mu, \notin fo \square [fWf \ddagger f", \dot{I}WINSOCK.DLLf, fWf ...$ 

□[f<,ªŒ©,Â,©,è,Ü,¹,ñ,Å,µ,½□BWINSOCK.DLL,ÍfEfCf"fhfEfYfpfbfP□[fW—p,ÌTCP/IP f\ ftfgfEfFfA,̕W□€fRf"f|□[flf"fg,Å,·□BfCf"f^□[flfbfgftfHf",ÍWINSOCK.DLL version 1.1.,ð•K —v,Æ,µ,Ü,·□B

 Φ, Α, μ, Ο, ΔΒ
Œ»[]Ý[]AŽg—p,μ,Ä,¢,éWINSOCK.DLL ,ðfo[[fWf‡f"1.1,ÌWINSOCK.DLL ,ÉŽæ,è'Ö,¦,Ä,-,¾,³,¢[]B

## "—<sup>~</sup>—pŽÒ□î•ñ,Í□A□Ä"xIRC,É□Ú'±,µ,½Žž,É□A□X□V,³,ê,Ü,·□B"

$$\begin{split} &-\tilde{}-p\check{Z}\grave{O}_{1}\bullet\tilde{n}, \underbrace{IRC}fT_{1}[fo,\mathcal{A},\grave{I}]U'\pm,\grave{i}, \acute{I}, \P, \&, \acute{E}IRCfT_{1}[fo,\acute{E}'-,\varsigma, \acute{e},\acute{e},\grave{i}, \&_{1}A_{1}C_{1}^{3}, \mu, \overset{1}{2}-\tilde{}-p\check{Z}\grave{O}_{1}\bullet\tilde{n}, \underbrace{IRC}fT_{1}[fo,\acute{E},\grave{a}, a^{\hat{}}\hat{e}''x_{1}U'\pm,\cdot,\acute{e},\overset{3}{4},\bar{}, \&, \&IRCfT_{1}[fo_{1}\tilde{a},\&_{1}X_{1}V,\overset{3}{,}\hat{e},\ddot{U},\cdot_{1}B_{1}V_{1}V_{2}-\tilde{}-h_{1}V_{2}V_{2}-\tilde{}-h_{1}V_{2}V_{2}-\tilde{}, & \check{E}IRCfT_{1}[fo_{1}\tilde{a},\&_{1}X_{1}V,\overset{3}{,}\hat{e},\ddot{U},\cdot_{1}B_{1}V_{2}-\tilde{}, & \check{E}IRCfT_{1}[fo_{1}\tilde{a},\&_{1}X_{1}V,\overset{3}{,}\hat{e},\ddot{U},\cdot_{1}B_{1}V_{2}-\tilde{}, & \check{E}IRCfT_{1}V_{2}-\tilde{}, & \check{E}IRCfT_{1}V_{$$

### ",·,Å,ÉIRC fT[[fo,É[]Ú'±[]Ï,Ý,Å,·[]BŒ»[]Ý,ÌfT[[fo,ð[]Ø'f,µŽw'è,µ,½fT[[fo,É[]Ú'± ,·,é[]ê[]‡,ÍYes,ð[]AŒ»[]Ý,Ì[]Ú'±,ðŒp'±,·,é[]ê[]‡,ÍNo,ð'l,ñ,Å,,¾,³,¢[]B"

 $\underline{IRC} fT[[fo, E]U' \pm, \cdot, eZ-, \delta'I, \tilde{N}, \ddot{U}, \mu, \frac{1}{2}]B, \mu, @, \mu \check{S}\dot{u}, E]U' \pm, {}^{3}, \hat{e}, \ddot{A}, \varphi, \ddot{U}, \cdot]B Yes, , \delta'I, \hat{O}, \pm , \mathcal{E}, \mathcal{E}, \mathcal{E}, \mathcal{A}, \ddot{A}]U' \pm' +, \hat{I}fCf'' f^][flbfgftfHf'', \delta @ a]Y, \hat{I}fT[[fo, @, c]D'f, \mu, \ddot{A}]V, \mu, \varphi fT[[fo, E]U' \pm , \mu, \ddot{U}, \cdot]B No, \delta'I, \hat{O}, \pm, \mathcal{E}, \mathcal{E}, \mathcal{A}, \ddot{A} @ a]Y, \hat{I}IRCfT[[fo, \mathcal{E}, \dot{I}]U' \pm, \delta' \pm, \bar{}, eZ-, a]o - ^, \ddot{U}, \cdot]B$ 

## "fjfbfNfl□[f€,Í□A•K□{"ü—Í,Å,·□B"

f†□[fU□î•ñf\_fCfAf□fOf{fbfNfX,Ì•K□{,ÌfAfCfef€,Í□AIRC<u>fjfbfNfl□[f€</u> ,Å,·□B,»,μ,Ä,»,ê,Í□A′Ê~bf\_fCfAf□fOf{fbfNfX,ðŒ©,鎞□A'¼,Ì□l,ªŒ©,éf†□[fU-¼,Å,·□B

# Attention ARing ACall, ÆBusy, ̉<sup>1</sup>,<sup>a</sup>, µ, Ü, <sup>1</sup>, ñ B

۲

□Ý'è,Ì'†,ÌWAVEfl□[fffBflflfvfVf‡f",ªon,Ì□ó'Ô,Å, ,é,©Šm"F,μ,Ä,,¾,³,¢□B on,Ì□ó'Ô,Å, ,é,È,ç□AfVfXfef€□ã,Ìfl□[fffBfl‹@Ší,Í'¼,ÌfAfvfŠfP□[fVf‡f",ÅŽg—p'†,Å,·□B ۲

# ‰¹—Ê'2□®,ª□o—^,Ü,¹,ñ□B

fTfEf"fhfffofCfX,ĺf\ftfgfEfFfAf{fŠf...□[f€fRf"fgf□□[f<,ðfTf|□[fg,μ,Ü,¹,ñ□Bf{fŠf... □[f€'2□®,ªŒø,©,È,¢,à,¤,P,Â,Ì—□—R,Í□Af}fCfNf□f\ftfgWaveMapper,ª, ,È,½,ÌfVfXfef€□ã,É

fCf"fXfg□[f<,³,ê,Ä,¢,é,©,à,µ,ê,Ü,¹,ñ□B

 $\label{eq:started_st$ 

# ΀,Ñ\_o,µ,ðŽó,<sup>-</sup>,鎞]A"à•",Ìfr[[fv‰¹,Æ "NO AUDIO" ,Æ,¤f]fbfZ[[fW,µ,©]o,Ü,¹,ñ]B

‰½,©'¼,ÌfAfvfŠfP□[fVf‡f",ªfTfEf"fhfffofCfX,ðŽg,Á,Ä,¢,Ü,·□B^ê"x,É,P,Â,Ìfvf□fOf‰f€ ,μ,©fTfEf"fhfffofCfX,ðŽg,¤Ž-,ª□o—^,Ü,¹,ñ□B

# 'ʘbŒã "SPEAK" ƒ,□[ƒh,Ì□ó'Ô,Ì,Ü,Ü,Å,·□B

f}fCfN,ÌŠ´"x,ª,æ,·,¬,Ü,·□B ■ <u>‰¹□º"FŽ⁻fŒfxf<</u>.,ð□ã,°,Ä,,¾,³,¢□B

## ′Ê<sup>~</sup>b′†fCf"f<sup>^</sup>□[flfbfgftfHf",ªSPEAKf,□[fh,ÆIDLEf,□[fh,ÌŠÔ,Å□A,·,®Ž~,Ü, Á,Ä,μ,Ü,¢,Ü,·□B

<u>‰¹□º"FŽ⁻fŒfxf≺</u>,ð'2□ß,µ,Ä,,¾,³,¢□B

# 'Ê<sup>~</sup>b'†'ŠŽè'¤,ÉŒ¾—t,ÌŠÔ,É□ufJf`fb□v,Æ,¢,¤‰¹,ª•·,±,¦,Ü,·□B

<u>‰¹□º"FŽ⁻fŒfxf<</u>,ð□ã,°,Ä,,¾,³,¢□B

### <sup>~</sup>b,μ,ð,·,éŠÔ,É□AfAfvfŠfP□[fVf‡f",ðŠJ,<sup>-</sup>,½,ç□A'ŠŽè,Ì<sup>~</sup>b,μ,ª•·,±,¦,È,-,È,è,Ü,μ,½□B

 $,\pm, \hat{e}, \hat{f} Ef Cf"fh f Ef Y, A - C, m, c, \hat{e}, A, c, \hat{e} - \hat{a} \hat{e}, A, \Box B u = N Z Z C v v v f f Ef X f J [f < , ] + (Z + 3, ] +$ 

,Á,ÄfCf"f^[[flfbfgftfHf",ª,³,ç,É,à,Á,Æ'½,,Ì□º,ð□^—□,·,鎞ŠÔ,ª, ,è,Ü,¹,ñ□B %ï~b,µ,Ä,¢,éŠÔ, ,Á,ÆfRf"fsf...[[f^,ðŽ~,ß,éflfyfŒ[[fVf‡f",Í"ð,⁻,Ä,,¾,³,¢]B □ifAfvfŠfP[[fVf‡f",ðf]][fh,µ,½,è]AfXfvfŒfbfhfV[[fg,ð]ÄŒvŽZ,·,é,È,Ç,ÌflfyfŒ[[fVf‡f"]]

### 'S‰æ-Ê,Å□ADOSfAfvfŠfP□[fVf‡f",ðŽg,Á,Ä,¢,鎞□A ‰¹,ª,Æ,¬,ê,é,©'S,•·,±,¦,È,¢□B

, ,È,½,ĺŽŸ,ÌŽ−,ð□s,Á,Ä,,¾,³,¢□B

□i□Å□‰,Ì,Q,Â,ÌflfvfVf‡f",ÍPIFEDIT,ðŽg,¤,Ì,ÉfZf̥bf̥g,³,ê,Ӓ,¢,Ü,·□B□j.

DOS fAfvfŠfP[[fVf‡f",ª"Æ]e"l,É" ®,,æ,¤,É]Ύè,μ,Ä,¢,È,¢,©Šm"F,μ,Ä,-

**D**OS f{fbfNfX, $\hat{I}$   $\hat{I}$ 

fofbfNfOf‰fEf"fh□ifRf"fgf□□[f<fpflf</,R,W,U,Ì<-</p>

‰»,³,ê,½flfvfVf‡f",Å[]j,ÅfEfBf"fhfEfY,Ô,Ì[[Ý'è,ð[],,,μ,ĉ²,³,¢[]B

ftf<fXfNfŠ□[f",l'ã,í,è,ÉfEfBf"fhfEfY,l'†,lfAfvfŠfP□[fVf‡f",ð"®,©,μ,ĉº,³,¢□B</p>

### **□º,ª'å,«,**·,¬,Ä'ŠŽè,É,Í,Đ,,,ñ,Å•·,±,¦,Ü,·**□**B

,à, $\mu$  b,ð, $\mu$ ,Ä,¢,é'ŠŽè,ª, ,È,½,Ì□º,ª'å,«,·,¬,é,©□A, ,é,¢,Í,Đ, ,ñ,Å,¢,é,æ,¤,É•·,±

,¦,é,Æ•s•½,ðŒ¾,Á,Ä,¢,é,È,ç∏A, ,È,½,Ìf}fCfN,ÌŠ´"x,ª,æ,·,¬,é,©∏A, ,é,¢,ĺfŒfxf<,ª∏,,·,¬,é

‰Â"\<u>□</u>«,ª, ,è,Ü,·<u>□</u>B

, È,<sup>1</sup>/2,Ì□<sup>Q</sup>,ÌfŒfxf<,ð‰<sup>Q</sup>,°,é,©□A, ,é,¢,ĺf}fCfN,©,ç□,μ—£,ê,Ä<sup>~</sup>b,µ,ĉ<sup>Q</sup>,³,¢□B
<sup>1</sup>□<sup>Q</sup>,ÌfŒfxf<□ifEfBf"fhfE,̉E‰<sup>Q</sup>,ÌŠp,É, ,é□j,<sup>2</sup>—Î,ÌfGfŠfA,ð‰z,¦,È,¢,æ,¤,É,µ,Ä
<sup>Q</sup>,<sup>3</sup>,¢□B□Ô,¢•"•<sup>2</sup>,É"Í,,Æ□,,·,¬,Ü,·□B

■ fEfBf"fhfEfYfTfEf"fhfŒfR□[f\_□iWindows Sound Recorder□j, ,é,¢,ĺ—ÞŽ— ,Ìft□[fefBfŠfefB,ðŽg,Á,Ä□A□º,ð~^‰¹□A□Ä□¶,µ□A,¤,Ü,"ĺ,¢,Ä,¢,é,©,Ç,¤,©,ð•·,,± ,Æ,ª,Å,«,Ü,·□B,µ,©,µ□A,à,µ'ŠŽè,ª^Ù,È,Á,½audiof{□[fh,ðŽg,Á,Ä,¢,é,È,ç□A'ŠŽè'¤ ,Å,ĺ□ºŽ¿,ª^á,Á,Ä•·,±,¦,é,Æ,¢,¤,±,Æ,ðŠo,¦,Ä,¨,¢,ĉº,³,¢□B

### 'ŠŽè,Ì□º,ª'å,«,·,¬,Ä□A,Đ,,,ñ,Å•·,±,¦,Ü,·□B

–â'è,ĺ<°,ç,'ŠŽè,É, ,è,Ü,·□B,»,ê,É,Â,¢,Ä'ŠŽè,É'm,ç,¹,ĉº,³,¢□B'ŠŽè,Ìf}fCfN,ÌŠ´"x,ª—

$$\label{eq:constraint} \begin{split} & (\zeta,\cdot,\neg,\acute{e}, \otimes []A, \ ,\acute{e}, \acute{e}, \acute{l}'\check{S}\check{Z}\check{e}, \grave{l}[]^{o}, \grave{l}f \\ & (\xi,\cdot,\neg,\acute{e}, \otimes []A, \ ,\acute{e}, \acute{e}, $

,è,Ü,∙∏B

, È, ½□[i'B□], ĺ'ŠŽè, ÉŽŸ, Ì, ±, Æ, ð<³, ¦,Ä, ,°,ĉ<sup>Q</sup>, ³, ¢□B
'ŠŽè, É□<sup>Q</sup>, ÌfŒfxf<,ð‰<sup>Q</sup>,°,é, ©□A, ,é, ¢, ĺf}fCfN, ©, ç□, µ—£, ê, Ä~b,ð, ·, é, æ, ¤, ÉŒ¾, Á, Ä
‰<sup>Q</sup>, ³, ¢□B‰<sup>1</sup>□<sup>Q</sup>, ÌfŒfxf< □ifEfBf"fhfE, ̉E‰<sup>Q</sup>, ÌŠp,É, ,é□j, ª—î, ÌfGfŠfA, ð‰z, ¦, È, ¢, æ, ¤, É, µ, Ä
‰<sup>Q</sup>, ³, ¢□B□Ô, ¢ \* a, É(1, Æ□, ,·, ¬, Ü, ·□B
,à, µ, ±, ê, Å, à \* ®, ©, È, ¢, È, ç□A, », Ì□I, Ìf}fCfN, É□Å \* K, ÈfŒfxf<, Å, È, ¢‰Â \* \</li>
,à, µ, ±, ê, Å, à \* ®, ©, È, ¢, È, ç□A, », Ì□I, Ìf}fCfN, É□Å \* K, ÈfŒfxf<, Å, È, ¢‰Â \* \</li>
,a, µ, ±, ê, Å, à \* ®, ©, È, ¢, È, ç□A, », Ì□I, Ìf}fCfN, É□AfI□[fffBflf]□[fh, ðf`fFfbfN, µ, Ä□A, », ê, ð□ã, °, é, ©□A, ,é, ¢, ĺ‰<sup>Q</sup>, °, é, æ, ¤, ÉŒ¾, Á, ĉ<sup>Q</sup>, ³, ¢□B
,», Ì□I, ÍfEfBf"fhfEfYfTfEf"fhfŒfR□[f\_□iWindows Sound Recorder□j, ,é, ¢, ĺ—ÞŽ—
,Å, «, Ü, ·□B, µ, ©, µ, È, a, c, □A, à, µ'ŠŽè, a^Ù, È, Á, ½audiof{□[fh, ðŽg, Á, Ä, ¢, é, È, ç□A'ŠŽè' ¤, Å, ĺ□<sup>Q</sup>Ž;, a^á, Á,Ä•, ·, ±, ½, é, Æ, ¢, ¤, ±, Æ, ð<³, ¦,Ä, ,°, ĉ<sup>Q</sup>?, ¢, □B

## —¼•û,Ì—<sup>~</sup>—pŽÒ,ª'å,«,,È,Á,Ä,¢,fs□[,Æ,¢,¤‰¹,ª•·,±,¦,Ü,·□B

fTfEf"fh,ĺ, ,È,½,Ìf}fCfN,Æ'¼,Ìf†□[fU,ÌfVfXfef€□i, ,é,¢,ĺ'¶□Ý,μ,Ä,¢,é'¼,Ì•û-@□j,ª<β□Ú,μ,Ä,¢,é,½,ß,É<N,«,Ü,·□Bf}fCfN,ÌŠ´"x,ª,æ,¢

,½,ß,É□A'¼,Ìf†□[fU,ÌfXfs□[fJ□[,©,ç•·,±,¦,éfTfEf"fh,ð"FŽ⁻,µ,Ä□Afs□[,Æ,¢,¤‰¹,ª,Å,Ü,·□B

,à,μ□A'S"ñ□df,□[fh,Ì□ó'Ô,É,μ,Ä,¢,½,ç□A,¨,»,ç,, ,È,½,ÌfXfs□[fJ□[,Å□Ä□¶,³,ê,Ä□A"ü,Á,Ä,«,½ ‰¹,ª‰¹□º"FŽ⁻fCf"f^□[ftfFfX,É,æ,Á,Ä~b,Æ,μ,Ä"FŽ⁻,³,ê□A'ŠŽè,ÌfVfXfef€,É'—,è-

ß,³,ê,½^×,É<code>[A,»,Ì-â'è,Í<N,±,è,Ü,µ,½]B</code>

• '¼,Ìf†□[fU,Ìf{fŠf...□[f€,ð‰⁰,°,ĉ⁰,³,¢□B,à,μ□A•K—v,Å, ,é,È,ç□A, ,È,½,Ìf{fŠf...□[f€,à‰⁰,°,ĉ⁰,³,¢□B
à‰⁰,°,ĉ⁰,³,¢□B

• ,à,μ□A'S"n¯ldf,□[fh,Ì□ó'Ô,É,μ,Ä,¢,½,ς□AfXfs□[fJ□[,Ìf{fŠf...□[f€,ð'á,,μ,Ä□A ‰¹□º"FŽ⁻fŒfxf<,ð□ã,°,Ä</p>

 $\label{eq:solution} \ensuremath{ }^{\ensuremath{ }}_{\ensuremath{ }}, \ensuremath{ } \ensurema$ 

### 'S"ñ□d'Ê<sup>~</sup>b,ð□s,Á,Ä,¢,鎞"½<¿‰¹,ª•·,±,¦,é

"½<¿‰¹,ĺfXfs[[fJ[[,Å[]Ä[]¶,³,ê,Ä"ü,Á,Ä,«,½‰¹,ª[]A

‰¹□º″FŽ<sup>-</sup>fCf"f<sup>\_</sup>□[ftfF□[fX,É,æ,Á,Ä<sup>~</sup>b,µ,Æ,µ,Ä″FŽ<sup>-</sup>,³,ê□A'ŠŽè,ÌfVfXfef€,É'—,è-

ß,³,ê,é,½,ß,É<N,±,è,Ü,·□B

fXfs□[fJ□[,Ìf{fŠf...□[f€,ð‰º,°,ĉ¹□º"FŽ⁻fŒfxf<,ð□ã,°,Ä,,¾,³,¢□B,Ü,½□AfXfs□[fJ□[,Ì'ã,í,è,Éfnf"fhfZfbfg-",ÍfCf,,fzf",ðŽg,¤Ž-,ð,¨Š©,ß,μ,Ü,·□B</pre>

## 'ŠŽè,ª"¼"ñ□dfl□[fffBfl,ðžg,Á,Ä,¢,Ä~b,ª,¢,Â,à"r□Ø,ê,é

,»,Ì-â'è,Í□A'S"ñ□df,□[fh,ÅfXfs□[fJ□[,Å□Ä□¶,³,ê,Ä"ü,Á,Ä,«,½‰¹,ª□A ‰¹□º″FŽ⁻fCf"f^□[ftfF□[fX,É,æ,Á,Ä<sup>~</sup>b,Æ,µ,Ä″FŽ<sup>-</sup>,³,ê□A,»,µ,Ä'ŠŽè,ÌfVfXfef€,É'—,èß,³,ê,»,ê,É,æ,Á,Ä'ŠŽè,Ì<sup>~</sup>b,ð-W,°,é,½,ß,É<N,±,è,Ü,·□B

fXfs□[fJ□[,Ìf{fŠf...□[f€,ð‰º,°,Ä□A‰¹□º"FŽ⁻fŒfxf<,ð□ã,°,Ä,,¾,³,¢□B,Ü,½□AfXfs□[fJ□[,Ì'ã,í,è,Éfnf"fhfZfbfg-",ÍfCf,,fzf",ðŽg,¤Ž-,à,¨Š©,ß,μ,Ü,·□B</pre>

# 'ŠŽè,ª<sup>~</sup>b,µ,Ä,¢,é,Ì,ɉ½,à•·,±,¦,È,¢

,Q,Â,Ìfl[[fffBflf{[[fh,ðŽg,Á,Ä,¢,½,ç]A,»,Ì-â'è,Í<°,ç,f}fCfN,ÆfXfs][f][[]i,Ü,½,Í]A,²Žg—p,ÌfCf"fvfbfg[AfAfEfgfvfbfgfffofCfX[]j,ª]³,µ,¢fl[[fffBflf{[][fh,É]Ú'±,³,ê,Ä,¢,È,¢,½,ß,É<N,±,è,Ü,·]B

flfvfVf‡f"f□fjf…□[,©,ç□Ý'è,ð'l,ñ,Å,-,¾,³,¢□Bf\_fCfAf□fOf{fbfNfX,Åfl□[fffBflf{□[fh,ª~b,•,Æ••,,É, ,é,±,Æ,ðŠm,©,ß,Ä,-,¾,³,¢□B^á,¤f{□[fh,ª,»,ê,¼,ê,̉º,ÉfŠfXfg,µ,Ä,¢,éŽ-,ðŠm"F,µ,Ä,-,¾,³,¢□B<sup>\*</sup>b,•,ÉfŠfXfg,³,ê,Ä,¢,éf{□[fh,Éinput device,ð••,,ÉfŠfXfg,³,ê,Ä,¢,éf{□[fh,Éoutput device,ð□Ú'±,µ,Ä,,¾,³,¢□B

### " USER NOT ACCESSIBLE "

flfbfgf\_\_[fN,Ì\_ã,ÉfŠfXfgfAfbfv,³,ê,Ä,¢,é,¯,ê,Ç,à\_AfAfNfZfX,Å,«,Ü,¹,ñ\_B

 $[] \mathring{A}, \grave{a} [] I, \downarrow, \varsigma, \grave{e}, \acute{e}, \pm, \mathcal{E}, \acute{I} [] A \times \ddot{A}, \tilde{N} [] o, \mu, \delta \check{Z} n, \beta, \frac{1}{2}' \frac{1}{4} \times \ddot{A}, \acute{e}, \grave{a} f ] f b f g f [] [] [f N, \delta [] \mathscr{O}' f, \mu, \frac{1}{2}, \mathcal{E}, ¢, \varkappa \check{Z} - \dot{A}, \dot{A}$ 

,Å,·[]Bft[][fU,Ì-¼'O,Í[]A,»,Ì[]I,ª—~—p‰Â"\,Å,È,-

,È,Á,<sup>1</sup>/<sub>2</sub>Œã,Å,à□"•b,ÌŠÔŽž□XfŠfX,ÆfAfbfv,³,ê,Ü,·□B,à,¤,P,Â□l,¦,ç,ê,é,±,Æ,Í□A, ,È,<sup>1</sup>/<sub>2</sub>,Æ'ŠŽè,Ìflf bfgf□□[fN,ªŽÀ□Û,É,Í•<sup>---</sup>□"I,É□Ú'±,³,ê,Ä,¢,È,¢,±,Æ,Å,·□B

#### " BAD IP ADDRESS "

fCf"f^[[f]fbfgftfHf",ð" ®, ©, ·fŠf, [[fgfzfXfg,É[Ú'±

 $,\cdot,\acute{e}, \frac{1}{2}, \beta,\acute{e}, \dot{h}_{a}, \beta,\acute{e}, \dot{h}_{a}, \beta, \dot{h}_{a}, \dot{h}, \dot{h}_{a}, \dot$ Šm,©,É"d<sup>~</sup>b,ð,μ,æ,¤

 $\mathcal{E}_{\mu}, \mathcal{U}_{\mu}, \mathcal{U}, \mathcal{U}_{\mu}, \mathcal{U}, \mathcal{U}, \mathcal{U}, \mathcal{U}, \mathcal{U}, \mathcal{U}, \mathcal{U}, \mathcal{U},$ 

^,È,¢□A, ,é,¢,ĺf□f,fŠ,Åcached,³,ê,½•s□³,ÈIPfAfhfŒfX,ðŽ□,Á,Ä,¢,Ü,·□B ● f†□[fU,ÌfNfCfbfNf{f^f",ð□Á<Ž,μ,Ä□A,»,μ,Ä□Ä,Ñ'ŠŽè,É"d~b,ð,μ,Ä,,¾,3,¢□B

#### " CANT GET IP ADDRESS "

 $fCf"f^[[f]bfgftfHf", \delta" @, ©, fŠf, [[fgfzfXfg, É]]Ú' ±$ 

,Æ,μ,½Žž,ÉfCf"f^[[flfbfgftfHf",ª'ŠŽè,Ìflfbfgf[][[fNfAfhfŒfX,ðŒ^'è,∙,é,±,Æ,ª]]o—

^,Ü,<sup>1</sup>,ñ,Å, $\mu$ ,½]B,±,ÌfGf‰][,Í]A,à, $\mu$ fhf]fCf"fl][f€fT][fo,É-â'è,ª, ,é,È,ç]A, ,é,¢

,ĺ,à,μfCf"f^□[flfbfg,Ö,Ì□Ú'±,ªf\_fEf",μ,Ä,¢,½,ç<N,«,Ü,·□B

,à,μfCf"f^□[flfbfgfT□[frfX'ñ<ŸŽŎ,Éf\_fCfAf<fÅfbfv□Ú'±(PPP, ,é,¢,ÍSLIP) ,μ,Ä,¢</li>
,é,È,çping,·,é,±,Æ,É,æ,Á,ÄfT□[frfX'ñ<ŸŽÒ,ÌfzfXfg,Æ□Ú'±,³,ê,Ä,¢,é,©Šm"F,μ,Ä,,¾,³,¢</li>
(Using the Ping utility provided with your <u>TCP/IP</u> networking software).
B

ŠO•",Å□Ú'±,μ,Ä,¢,ė,©,Ç,¤,©Šm"F,·,é,½,ß,É,Í□A□Ú'±,μ,æ,¤,Æ,μ,Ä,¢,½IRC fT□[fo,Ì,æ,¤,ÈfŠf,□[fgjzfXfg,É`ping`,μ,Ä,,¾,³,¢□B

ΠΆ, Ñ'ŠŽè, É"d<sup>~</sup>b,ð,μ,Ä,,¾,³,¢ΠB

#### " CANT RESOLVE HOST "

fCf"f^[[flfbfgftfHf",ð" ®, ©, ·fŠf, [[fgfzfXfg,É[]Ú'±

 $,\cdot,\acute{e},\overset{1}{\sim}, B,\acute{E},\acute{I}, *, \grave{I}fzfXfg, \grave{I}IPfAfhf@fX, \delta fCf''f^[[flfbfgftfHf", \overset{a}{\circ}"F\check{Z}^-, \cdot,\acute{e}\bullet K-v, \overset{a}{\circ}, \dot{e}, \ddot{U}, \cdot \square B$ 

, ,È,½,ª'N,©,É"d<sup>~</sup>b,μ,æ,¤

 $\label{eq:constraint} \ensuremath{\mathcal{A}}\ensuremath{\mathcal{A}$ 

,Æ,ª,Å,«,Ü,¹,ñ,Å,µ,½[]B

,±,ÌfGf‰[[,ĺ, ,È,½,ÌfzfXfg,Ìfhf]fCf"fl[[f€fT][fo,É-â'è,ª, ,é,©]Ú'±, $\mu$ ,Ä,¢

,éfCf"f^[[flfbfg, $^{1}fEf$ ",µ,Ä,¢,é[ê]‡,É<N,±,è,Ü,·]B

,à,μ-â'è,ª'f'±"I,É<N,±,é,È,ç□A"ñ"<sup>-</sup>Žž□«,ÌDNSflfyfŒ□[fVf‡f",©,ç—£ ,ê,ÄfvfŠftf@fŒf"fXf\_fCfAf□fOf{fbfNfX,Å"<sup>-</sup>Žž,É,·,é,½,ß,ÌDNSflfyfŒ□[fVf‡f",É□Ø,芷,¦,Ä□Ä,Ñ ŽŽ,Ý,Ä,,¾,³,¢□B

,à,µfCf"f^□[flfbfgfT□[frfX'ñ<ŸŽÒ,Éf\_fCfAf<fAfbfv□Ú'±(PPP,,é,¢,Í SLIP),µ,Ä,¢,é,È,çping,·,é,±,Æ,É,æ,Á,ÄfT□[frfX'ñ<ŸŽÒ,ÌfzfXfg,Æ□Ú'±,³,ê,Ä,¢,é,©Šm"F,µ,Ä,,¾,³,¢□B (Using the Ping utility provided with your <u>TCP/IP</u> networking software).
,à,µ'¼□ÚfCf"f^□[flfbfg□Ú'±,ð,µ,Ä,¢,é,È,çfCf"f^□[flfbfg,Ö,ÌfQ□[fgfEfFfC,ª□,Å,,é,±,Æ,ðŠm"F,µ,Ä,,¾,³,¢□B
ŠO•",Æ□Ú'±,µ,Ä,¢,é,©,Ç,¤,©Šm"F,·,é,½,ß,É,Í□Ú'±,µ,æ,¤,Æ,µ,Ä,¢,½ <u>IRC</u> fT□[fo,Ì,æ,¤

,ÈfŠf,□[fgfzfXfg,Éping,μ,Ä,,³⁄4,³,¢□B

□¡□Ä,Ñft□[fU,É"d~b,µ,Ä,Ý,Ä,,¾,³,¢□B

### " RESOLVING IP ADDRESS "

fCf"f^□[flfbfgftfHf",ª"d<sup>~</sup>b,ð,µ,æ,¤,Æ,µ,Ä,¢,é'ŠŽè,ÌlPfAfhfŒfX,ð"FŽ<sup>-</sup>,µ,Ä,¢,é,Æ,± ,ë,Å,·□B

#### " NETWORK UNREACHABLE "

fCf"f^\_[[flfbfgftfHf",ª, ,È,½,lflfbfgf]][[fN,©,çfAfNfZfX,Å,«,È,¢flfbfgf]][[fN,l'ŠŽè,É,ÉfCf"f^\_[[flf bfgftfHf",É[Ú'±,µ,æ,¤,Æ,µ,Ü,µ,½]B

 $ftfgfEfFfA,^{a}fŠf,[[fgflfbfgf][][fN,Ö,Ì@o~H,ð•\ަ,\mu,È,¢]]ê[]‡,É<N,±,è,Ü,·]B$  $[] <math>U'\pm,$ Å,«,È,©,Á,½f†[[fU,Ì]PfAfhf@fX,ð—L@ø,É,µ,Ä]A,,È,½,Ìflfbfgf][][fNŠÇ— [] ŽÒ,ÉfŠf,[[fgflfbfgf][][fN,Ì'†,Éflfbfgf][][fNf<[[fg,ª,,é,©Šm"F,µ,Ä,,¾,³,¢]]B

### " HOST UNREACHABLE "

,ê,Í□AfŠf,□[fgfzfXfg,ªŒ»□Ýflfbfgf□□[fN,É□Ú'±,³,ê,Ä,¢,È,¢□ê□‡,É<N,«,é‰Â"\□«,ª—L,è,Ü,·□B **∮** fŠf,□[fgfzfXfg,ªflfbfgf□□[fN,É□Ú'±,³,ê,Ä,¢,é,±,Æ,ðŠm"F,µ,Ä,,³₄,³,¢□B

#### " NETWORK ERROR!"

fCf"f^[[flfbfgftfHf",<sup>a</sup>'—[]M,μ,æ,¤,Æ,μ,½Žž[]A, ,é,¢ ,ĺflfbfgf[][[fN,©,çff[][f^,ðŽó,¯,Æ,Á,½Žžflfbfgf[][[fNŠÖ~AfGf‰[[,ª<N,±,è,Ü,μ,½]B flfbfgf[][[fNf\ftgfEfFfA,Æfn[[fhfEfFfA,ª[]³Šm,Å, ,é,±,Æ,ðŠm"F,μ,Ä,,¾,3,¢[]B

### " FULL DUPLEX FAILED "

fCf"f^[[flfbfgftfHf",ªfVfXfef€[]ã,É"¼"ñ[]dfl[[fffBfl,µ,©"FŽ⁻,Å,«,È,©,¢,Ì,É[]A, ,È,½,ª'S"ñ[] df,□[fh,Å'Ê~b,ð□s,¨,¤,Æ,μ,Ü,μ,½]B 'S"ñ□dflfvfVf‡f",ð‰ð□œ,μ,Ä□A"¼"ñ□df,□[fh,É□Ø,è'Ö,¦,Ä,,¾,³,¢]]B

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#### " CONNECTION LOST "

'ŠŽè,Æ~b'†,É'ŠŽè,Ì'—□M,ªfXfgfbfv,μ,Ü,μ,½□B,±,ê,Í□A'ŠŽè,ÌfRf"fsf...□[f^,ª ‰ó,ê,½,©□A, ,é,¢,͉ï~b,Ì"r'†,ÅfŠfZfbfg,μ,½□ê□‡,É<N,±,è,Ü,·□B'—□M,ª□o—^,È,-,È,è,Ü,·□B

,Ü,½□A, ,È,½,ÌfVfXfef€,Æ'ŠŽè,ÌfVfXfef€,ÌŠÔ,ÉfRf~f…fjfP□[fVf‡f"-â'è,ª, ,é‰Â"\□«,à— L,è,Ü,·□B

#### "AUDIO DEVICE BUSY"

fCf"f^[[f]fbfgftfHf",Å<sup>~</sup>b,ð,·,é'O,Éfl[[[fffBfl,ðŽg,Á,Ä,¢
,é•Ê,ÌfAfvfŠfP[[fVf‡f",ðŽ~,ß,é,©[AfRf"fsf...][f<sup>^</sup>,É•Ê,Ìfl[[[fffBflfJ]][fh,ðfCf"fXfg[[f<,μ,Ä,-,¾,³,¢]B</li>

• ŠŽè,ĺfGf‰[[f]fbfZ][fW,ðŽó,⁻Žæ,èŒÄ,Ñ]o,µ,ð]Ø'f,⋅,é,Å,µ,å,¤]B

#### "BAD AUDIO FARMAT"

 $fCf"f^{[[f]fbfgftfHf", i]_{1}}fbfg, a^{2}U, \dot{E}, \dot{e}^{\times}, \dot{E}'SZe, ifCf"f^{[[f]fbfgftfHf", \mathcal{E}} \\ & \tilde{i}^{b}, \dot{e}, \dot{e}, \mathcal{E}, \mathcal{A}, a^{2}]o^{-}, \ddot{U}, i^{n}, \dot{A}, \mu, 22]B^{-}a, i^{n}, a^{n}, \dot{e}, \dot{e}, \dot{A}, \mu^{e}, a^{2}Compressed VDF \\ ftfH_{[f]}fbfg, a^{3}, \dot{e},  

### " NO COMPRESSED AUDIO "

 $fŠf, [[fgft][fU,É"d"b,\mu,æ,¤,Æ,\mu,Ü,\mu,½,ª]Afn][fhfEfFfA-",Íf$  $ftfgfEfFfA,ª^3]k, ,é,½, ß, ÉfCf"f^][flfbfgftfHf",ª•K-v,Æ, ,éfl][fffBflftfH][f}fbfg,ðfTf]$  $[[fg, ,éfl][fffBflfffofCfX,ðŒ©,Â,¯,é,±,Æ,ª]o-^,Ü,¹,ñ,Å,\mu,½]B$ 

■ □,È,,Æ,àPCM 11Khz ,Ìfl□[fffBfl,ðŽg—p,Å,«,é<@Ší,ðŽ□,Á,Ä,¢,é,±,Æ,ðŠm"F,µ,Ä,,¾,³,¢□B</p>
### " UNKNOWN DATA "

 $\label{eq:fcff} f^{[[f]fbfgftfHf", a'ŠŽè'x, lfCf"f^{[[f]fbfgftfHf", c, cfTf][[[fg, 3, ê, Ä, ¢, È, ¢ftfH][f}fbfg, l]} $$ $ $ f^{f}_{1, 0}, f^$ 

#### " UNKNOWN ERROR "

, ,È,½,ÌfCf"f^[[flfbfgftfHf",Å,Í"FŽ<sup>-</sup>,Å,«,È,¢fGf
 %[[,È,Ì,Å[A'¼,Ìft][fU,ÌfCf"f^[[flfbfgftfHf",É,æ,Á,Ä[Ú'±
 ,<sup>a</sup>[Ø,ç,ê,Ü,μ,½]B[]i'¼,ÌfCf"f^[[flfbfgftfHf",Í<°,ç,"K[]‡,μ,È,¢fo[[fWf‡f",Å,·[]j</li>
 fCf"f^[[flfbfgftfHf",Ì[]Å[Vfo[[fWf‡f",ðŽg,Á,Ä,¢,é,©,Ç,¤,©'²,×,Ä,,¾,³,¢[]B

#### "REMOTE UNKNOWN DATA"

#### " REMOTE AUDIO BUSY "

ft□[fU,É"d<sup>~</sup>b,ð,µ,æ,¤,Æ,µ,Ü,µ,½,ª□A'ŠŽè'¤,ÌfCf"f<sup>~</sup>□[flfbfgftfHf",Í—<sup>~</sup>—p‰Â"\ ,Èfl□[fffBfl<@Ší,ðŒ©,Â,<sup>-</sup>,é,±,Æ,ª□o—<sup>^</sup>,Ü,<sup>1</sup>,ñ,Å,µ,½□B • 'ŠŽè,ªfCf"f<sup>^</sup>□[flfbfgftfHf",ªŽ©—R,É—<sup>~</sup>—p,Å,«,éfl□[fffBfl<@Ší,ðŽ□,Á,Ä,¢,é,± ,Æ,ðŠm"F,µ,Ä□A□Ä,Ñ'ŠŽè,É"d<sup>~</sup>b,ð,µ,Ä,Ý,Ä,,¾,³,¢□B

#### **"REMOTE UNKNOWN ERROR"**

0

, ,È,½,ÌfCf"f^□[flfbfgftfHf",Å,Í"FŽ<sup>-</sup>,Å,«,È,¢fGf

 $\label{eq:linearcond} \& \label{eq:linearcond} & \lab$ 

,ª□Ø,ç,ê,Ü,μ,½□B□i'¼,ÌfCf"f^□[flfbfgftfHf",Í<°,ç,"K□‡,μ,È,¢fo□[fWf‡f",Å,·□j □Ä,Ñft□[fU,É"d<sup>~</sup>b,ð,μ,Ä,Ý,Ä,,¾,³,¢□B,à,μ□A-

â'è,ªŒJ,è•Ô,³,ê,é,È,ç\_AfCf"f^\_[[flfbfgftfHf",Ì]Å\_Vfo\_[fWftf",ðŽg,Á,Ä,¢,é,©,Ç,¤,©'²,×,Ä,-,³⁄4,³,¢∏B

#### " NOT AN IPHONE USER "

, ,È,½,ª"d<sup>°</sup>b,ð,µ,æ,¤,Æ,µ,½ft□[fU,ĺft□[fUfŠfXfg□ã,É,¢

,Ü,·,ª[]AfCf"f^[][flfbfgftfHf",ð"  $\mathbb{B}$ , $\mathbb{C}$ , $\mu$ ,Ä,¢,Ü,¹,ñ[]B,æ,Á,Ä[]A'ŠŽè,Æ~A—[],ðŽæ,é,±,Æ,ª,Å,«,Ü,¹,ñ[]B

#### "REMOTE BAD AUDIO FMT"

 $fCf"f^[[f]bfgftfHf", ^{a}fTf][[[fg, \mu, \grave{e}, c]]^{0}, ]ftfH[[f]fbfg, ]^{x}, \acute{E}'ŠŽe, ]fCf"f^[[f]bfgftfHf", Æ$ ‰ï~b,Å,«,Ü,¹,ñ,Å, $\mu$ ,½ $\Box$ B-á,¦,Î $\Box$ A,±,ê,Í,à, $\mu$ ^ê•û,ªCompressed  $VDFftfH[[f]fbfg, \frac{3}{4}, \frac{7}{6}, \delta Zx, \frac{1}{6} (VocalTec^{3}]kf][[fh, \frac{3}{4}, \frac{7}{6}, \delta Zg, \frac{1}{6}, \frac{1}$ ‰¹□ºʃJ□[fh,ðŽ□,Á,Ä,¢,é□ê□‡,É<N,«,é‰Â"\□«,ª, ,è,Ü,·□B ‰ĩ b,ð,μ,Ä,¢,é'o•û,ª"K□‡,·,éfl□[fffBflfJ□[fh,ðŽg,Á,Ä,¢,é,©Šm"F,μ,Ä,,¾,³,¢□B

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#### " REMOTE CPU TOO SLOW "

fŠf,\_[[fgfRf"fsf...][f^,ÌCPU,ª, ,Ü,è,É'x,¢,Ì,ÅfCf"f^[[flfbfgftfHf",ªfCf"f^][flfbfg[]ã,̉ï~b,É•K v,Èf\ftfgfEfFfA<sup>3</sup>□kfAf<fSfŠfYf€,ðŽx,¦,é,±,Æ,ª□o—<sup>^</sup>,È,¢,½,ß,É•Ê,ÌfCf"f<sup>^</sup>□[flfbfgftfHf"fg,Æ

‰ï~b,ð,·,é,±,Æ,ª□o—^,Ü,¹,ñ,Å,μ,½□B , ,È,½,ÆfŠf,□[fgf†□[fU—¼•û,ªVocalTec ^3□kfJ□[fh,ðŽ□,Á,Ä,¢,é,©Šm"F,μ,Ä,-٠ ,¾,³,¢[]B, ,é,¢,ĺfŠf,[[fgft[][fU,ª,æ,è<—ĺ,ÈCPU,ÌfRf"fsf... [[f^,ÅfCf"f^][flfbfgftfHf",ð"®,©,μ,Ä,¢,é,©Šm"F,μ,Ä,,¾,³,¢[]B

#### "CPU TOO SLOW"

fRf"fsf...□[f^fXfs□[fhfefXfg,ªŽ,"s,μ,½Œã□Af\ftfgfEfFfA<sup>3</sup>□k‹@"\,ªŽg,¦,È,,È,é,æ,¤ ,É,μ,½,½,ß,É'¼,ÌfCf"f^□[flfbfgftfHf"fg,Ɖï~b,ª□o—^,È,,È,è,Ü,μ,½□B□i,»,ÌfefXfg,ÅfRf"fsf... □[f^CPU,ª, ,Ü,è,É'x,¢,Ì,Å□AfCf"f^□[flfbfg□ã,Ì′Ê~b,É•K—v,Èf\ftfgfEfFfA<sup>3</sup>□kfAf‹fSfŠfYf€,ðfTf|

 $[[fg, \cdot, \acute{e}, \pm, \mathcal{R}, \stackrel{a}{=} ] o - \hat{E}, \ddagger, \mathcal{R}, \ddagger, \pm, \mathcal{R}, \stackrel{a}{=}, \acute{l}, \bigcirc, \grave{e}, \ddot{U}, \mu, \frac{1}{2} ]$ 

flfvfVf‡f"f□fjf…□[,©,cfVfXfef€□Ý'è,ÌfefXfg,ð'I,Ô,±,Æ,É,æ,Á,Ä□Af\ ftfgfEfFfA<sup>3</sup>□k,ðŽg,¦,é,æ,¤,É,È,è,Ü,·□B,»,µ,Ä,P"xtest,ªŠ®—¹,µ,Äf\ftfgfEfFfA<sup>3</sup>□k,ðŽg p,Å,«,È,,·,é,½,ß,É,ÍNOT,ð'I,ñ,Å,,¾,³,¢□B

,à,μ□AfRf"fsf...□[f<sup>^</sup>,<sup>a</sup>f\ftfgfEfFfA<sup>^3</sup>□k,ðfTf|□[fg,·,é,É,Í, ,Ü,è,É'x,·,¬,é,Æ,¢,¤,± ,Æ,<sup>a</sup>"»,Á,½,ç□A, ,È,½,ÆfŠf,□[fgf†□[fU,Ì—¼•û,<sup>a</sup>VocalTecŽĐ,Ì<sup>^3</sup>□kfJ□[fh,ðŽ□,Á,Ä,¢ ,é,©Šm"F,·,é,©,æ,è<—Í,ÈCPU,ðŽ□,ÂfRf"fsf...□[f<sup>0</sup>□ã,ÅfCf"f<sup>0</sup>□[flfbfgftfHf",ð"®,©,µ,Ä ‰<sup>2</sup>,<sup>3</sup>,¢□B□iCPU,Éf□□[fh,µ,Ä,¢,È,¢,æ,¤,Èfn□[fhfEfFfAfl□[fffBfl<sup>3</sup>□k,ð□s,¢,Ü,·□B□j

#### 'ŠŽè,Ì□º,ª,¢,Â,à"r□Ø,ê,ª,¿,É,È,é

ŽŸ,ÌŽ−,ª−â'è,ÌŒ´^ö,Å, ,é,©,à,µ,ê,Ü,¹,ñ∏B

‰¹<u></u>\_⁰″FŽ⁻,Ì-â'è

• ŠŽè,ɉ¹□º"FŽ⁻fŒfxf<,ð□ã,°,é,æ,¤,É—Š,ñ,Å,,¾,³,¢□B
</p>

#### fpfPfbfgf□fX

 $('á'\neg \Box^{\check{z}_{f},fff} \in \Box\acute{u}'\pm, ,\acute{e},\acute{e},\acute{f},\acute{f},\Box[fgf+\Box[fU,\acute{e}fpfX,\cdot,\acute{e},\acute{h},\acute{e}fCf"f^{\Box}[f]fbfg,^{a}f!\Box[fo\Box[f\Box\Box[fh,\mu,\ddot{A},¢,\acute{e}^{\times}\Box B(-$ 

á,¦,Î□A,¢,\_,ê,©,Ì′¤,É,¨,¢,ÄfT□[frfX′ñ<ŸŽÐ,ÌfRf̥́"fs̪f...□[f^,Å□j

**flfbfgf**□[**[fN"**]**Œv**fRf}f"fh,ðŽġ,Ä,ÄfpfPfbfgf□fX,Ì□‡Œv,ðf`fFfbfN,µ,Ä ‰º,³,¢□BfŠf,□[fg'¤,É"□Œv,ÅfGf‰□[,ð'—,Á,½,©,Ç,¤,©□q,Ë,ĉ⁰,³,¢□B'—□MfGf ‰□[,ĺf,fff€□Ú'±,ª‰¹□⁰,Ì'шæ•□,ð□^—□,·,é,±,Æ,ª□o—^,È,¢,±,Æ,ð^Ó-¡,µ,Ü,·□B,¾,©,ç,æ,è□,'¬,Ìf,fff€,ªŽg,í,ê,é,×,«,Å,·□B□i□,È,,Æ,à14400bps□j

#### CPUfl[[fo][f]][fh

- <sup>•</sup> Žž,É<sup>•</sup> <sup>®</sup>, <sup>©</sup>, <sup>·</sup>fAfvfŠfP□[fVf‡f<sup>•</sup>,ð□,È,,μ,ĉ<sup>Q</sup>,³,¢□B
- In [[fhfEfFfA<sup>3</sup>]k,ðŽg,Á,ĉ<sup>Q</sup>,<sup>3</sup>,¢]B
- ,æ,è<—ĺ,È,b,o,t,ðŽ□,ÂfRf"fsf…□[f^,,ðŽg,Á,ĉº,³,¢□B</p>

# Žg—p'†,ÉIRCfT□[fo,Æ,Ì□Ú'±,ª□Ø'f,μ,Ü,μ,½

"Ë'RIRCfT[[fo[]i—á,¦,ÎŒ©[]o,μfŠfXfg,ðfŠftfŒfbfVf...,·,鎞[]j,©,ç[]Ø'f,³,ê,½,ç[]AŽŸ,ÌŽ-,ªŒ ´^ö,©,à,μ,ê,Ü,¹,ñ[]B

#### IRCfT[[fo,Ö,Ì∙‰'S,ð,©,⁻,·,¬[]B

**fCf"f**^[[**flfbfg**]**Ú'±,Ì-â'è**]**B:** f,fff€]Ú'±, ,é,¢,ĺfT[[frfX'ñ<ŸŽÒ,Ì]Ú'±,»,Ì,à,Ì

- •Ê,Ì,h,q,bfT□[fo□[,É□Ú'±,μ,Ä,Ý,ĉº,³,¢□B
- ,à,μ,±,ê,ªŽ,"s,μ,Ü,μ,½,ς□AfCf"f^□[flfbfg□Ú'±,ª□‡'²,Å, ,é,±,Æ,ðŠm"F,μ,ĉ²,³,¢□B

# fgfsfbfNŒŸ<u>□</u>õ,ª"®,©,È,,È,è,Ü,μ,½

 $fgfsfbfNfXfLfff", {}^{a}flfbfgf] [] [[fN, \mathcal{R}IRCfT] [fo-{}^{1}\!\!\!/_{\bullet}\hat{u}, \acute{E} \bullet \%'S, \eth, \heartsuit, \uparrow, \ddot{K}, \lnot, \ddot{K}, \neg, \ddot{K}, \updownarrow, \bullet \%'S, \eth, \circlearrowright, \bullet \%'S, \bullet \emptyset, \bullet \emptyset, \bullet \emptyset'S, \bullet \emptyset, \bullet \emptyset'S, \bullet \emptyset, \bullet \emptyset'S, \bullet \emptyset$ ,Ü,·□B,»,Ì,½,ß□A"½‰ž,ª"Ý,,È,è,Ü,µ,½□B IRC fT□[fo,©,ç□Ú'±,ð□Ø,Á,Ä□A,à,¤^ê"x□Ú'±,µ,ĉº,³,¢□B

۲

### IRC,©,çfjfbfNfl□[f€,ª"<sup>-</sup>,¶,Æ,¢,¤f□fbfZ□[fW,ª□o,é

, ,È,½,Æ"<sup>-</sup>,¶<u>fjfbfNfl□[f€fj</u>fbfNfl□[f€,ðŽg,Á,Ä,¢,é□l,ª,¢,Ü,·□B

<u>IRC</u>fT□[fo,©,ç"Ë'R□Ø'f,³,ê,½Œã□A,»,Ì□Ø'f,ðŒ©,Â,<sup>-</sup>,é,Ì,ÉŽžŠÔ,ª,©,©,è,Ü,·□B flfvfVf‡f"f□fjf…□[,©,ç—~—pŽÒ□î•ñ,Ì"o~^,ð'I,ñ,Å, ,È,½,ÌfjfbfNfl□[f€,ð•Ï,¦,ĉº,³,¢□B , ,é,¢,Í□,µ'Ò,Á,Ä□A□Ä,Ñ□Ú'±,µ,Ä,Ý,ĉº,³,¢□B

"o<sup>~</sup>^^á"½f□fbfZ□[fW,ª□o,é

'¼,Ì'N,©,ª, ,È,½"ÆŽ©,Ì"o<sup>~</sup>^fR□[fh,ðŽg,Á,Ä,¢

,Ü,•□B"<sup>-</sup>,¶"o<sup>~</sup>^fR□[fh,ðŽ□,Â□l,ªIRC,É•;□"□Ú'±,•,é,±,Æ,Í□o—<sup>^</sup>,Ü,¹,ñ□B fCf"f^□[flfbfgftfHf",ÌfRfs□[,ð□L,ß,È,¢,'nº,³,¢□B,»,ê,ĺ^á-@,Å,·□B 

## ",·,Å,É"o<sup>~</sup>^□Ï,Ý,Å,·□B□Ä"x"o<sup>~</sup>^,μ,Ü,·,©□H "

fCf"f^[[flfbfgftfHf",ª, ,È,½,Ì"o~^"à—e,ªŠù,É"o~^,³,ê,Ä,¢,é,Æ"»'f,μ,Ü,μ,½[]B • "o~^[]`‹Æ,ð,à,¤^ê"x[]s,¤,È,ç**Yes**,ðʻl,ñ,Å,,¾,³,¢[]B • []V,½,É"o~^[]`‹Æ,ð[]s,í,\_[]AŒ»[]Ý,Ì"o~^"à—e,ðŽg,¤,È,ç[]A**No**,ðʻl,ñ,Å,,¾,³,¢[]B

# "fCf"f^[[flfbfgftfHf",ªfVfXfef€,Ì[^\_\_]"\ ĺ,ðfefXfg,µ,Ü,·□BOK,ð'l'ð,·,é'O,É□A'S,Ä,ÌfofbfNfOf ‰fEf"fh,ÌDOSfAfvfŠfP□[fVf‡f",ð□I—¹,³,¹,Ä,,¾,³,¢□B

fCf"f^□[flfbfgftfHf",É,æ,Á,ÄŽg,í,ê,éf\ftfgfEfFfAfl□[fffBfl^3□kfAf<fSfŠfYf€,ð□s,¤,Ì,É□A, ,È, 

'S,Ä,ÌfofbfNfOf‰fEf"fh,ÌDOSfAfvfŠfP□[fVf‡f",Æ'¼,Ì,¢ ,©,È,éCPUfAfvfŠfP□[fVf‡f",à•Â,¶,ĉ⁰,³,¢□B
 ŽŽŒ±,ðŽn,ß,é,æ,¤,ÉOK,ð'l,ñ,Å,,¾,³,¢□B

# ", ,È,½,ÌfVfXfef€,Í□AfCf"f^□[flfbfgftfHf"□^—□"\— ÍfefXfg,ðfNfŠfA,μ,Ü,μ,½□BfXfRfA□[,Í [...],Å,·□B,±,Ì'l,Í□A□,,□§□^— □fCf"fffbfNfX'l^È□ã,Å,·□B"

$$\label{eq:fcffff} \begin{split} fCffff^{\[}[flfbfgftfHff], \end{tabular} ICPU & @``\, \end{tabular} \end{tabular} \end{tabular} fCffff^{\[}[flfbfgftfHff], \end{tabular} ICPU & @``\, \end{tabular} \end{tabular} \end{tabular} \\ & \Box[f^, \end{tabular} \e$$

""¼"ñ□d,Ì□^—□"\—ĺfefXfg,ðfNfŠfA,μ,Ü,μ,½□BfXfRfA,Í[...],Å,·□B,± ,ê,Í"¼"ñ□dfCf"fffbfNfX□"□§'l,æ,è□,,¢'l,Å,·,ª□A'S"ñ□d□"□§'l(65)^È ‰º,Å,·□B'S"ñ□d'Ê□M,Å,Í□A□^—□Œø—¦,Ì-â'è,ª"□¶,·,é‰Â"\□«,ª, ,è,Ü,·□ B"

fCf"f^□[flfbfgftfHf",ÍCPU<@"\,ÌŽ©"®fefXfg,ðŽÀ□s,µ,Ü,µ,½□B,»,µ,Ä"¼"ñ□d f,□[fh,ÅfCf"f^□[flfbfgftfHf",É,æ,Á,ÄŽg,í,ê,é□,"x,Ìf\ftfgfEfFfAfl□[fffBfl^3□kfAf<fSfŠfYf€ ,ðŽÀ□s,·,é,Ì,É□\•<sup>a</sup>fpf□□[,<sup>a</sup>, ,é,Æ"FŽ<sup>-</sup>,µ,Ü,µ,½□B <u>'S"ñ□d</u> f,□[fh,ÅfCf"f^□[flfbfgftfHf",ð"®,©,·,Ì,É□\•<sup>a</sup>,Èfpf□□[,<sup>a</sup>-³,¢,©,à,µ,ê,Ü,¹,ñ□B.

### , ,È,½,ÌfVfXfef€,Ì□AfCf"f^□[flfbfgftfHf"□^—□fCf"fffbfNfX,Í [...],Å,·□B,± ,ê,Í□,,□§′I,æ,è□¬,³,¢′I,Å,·□B′Ê<sup>~</sup>b′†□A□^—□Œø—¦,Ì-â'è,ª"□¶,μ,Ä,¢,é‰Â"\ □«,ª, ,è,Ü,·□B

fCf"f^□[flfbfgftfHf",<sup>a</sup>CPUfpftfH□[f}f"fX,ÌŽ©"®fefXfg,ð□s,Á,Ä□A, ,È,½,ÌfRf"fsf... □[f^,<sup>a</sup>□AfCf"f^□[flfbfgftfHf",<sup>a</sup>Žg—p,·,é□Å□V,Ìf\ftfgfEfFfAfl□[fffBfl^³□kfAf‹fSfŠfYf€,ð□s,¤ ,Ì,É,Í□A <u>"¼"ñ□d</u> ,Æ<u>'S"ñ□d</u> f,□[fh,Ì,Ç,¿,ç,Å, ,Á,Ä,àfpf□□[,ª□\•<sup>a</sup>,Å,È,¢,Æ"»'f,µ,Ü,µ,½□B

, ,È,½,Ì□<sup>^</sup>—□fCf"fffbfNfX,ª□,,□§'I,É<ß,¢</p>

,È,ç□AfCf"f^□[[flfbfgftfHf<sup>#</sup>,Å'¼,Ìf†□[fU,É"d~b,ð,μ,ĉï~b'†□^—□-â'è,ðŽ□,Á,Ä,¢,È,¢,± ,Æ,ðŠm"F,μ,Ä,,¾,³,¢□BfCf"f^□[flfbfgftfHf",ð"®,©,·Žž,É,Í□A'¼,ÌfAfvfŠfP□[fVf‡f",ð□I— ¹,³,¹,é,±,Æ,ð'E,ß,Ü,·□B

, È,½,Ì□^—□fCf"fffbfNfX,ª□,,□§'I,æ,è,, ,Á,Æ□¬,³,¢,È,ç□AfVfXfef€
 ,ĺfCf"f^□[flfbfgftfHf",Ì'Ê~b,ÌŠÔ,É<°,ç,"½‰ž,ª,È,,È,é,Å,µ,å,¤□B</li>
 ,à,µ□Af\ftfgfEfFfAfl□[fffBfl^3□kflfvfVf‡f",ðŽg,í,È,¢,Å□AVCfJ□[fh,¾,⁻,ðŽg,¤
 ,È,ç□AŽŸ,ÌŽ-,ð,µ,Ä,,¾,³,¢□B

**1**  $fCf"f^{[[flfbfgftfHf", \delta, \mathcal{A}, G, A, 3], 4]}B$ 

**2** IPHONE.INI ftfBf<,ÅŽŸ,ÌfGf"fgfŠ,ð□C□³,·,é□B(, ,È,½,ÌfEfBf"fhfEfYfffBfŒfNfgfŠ,É, ,è,Ü,·□j:

[Audio]

 $\textbf{FormatDisabled17=NO} \rightarrow \texttt{"NO"} \ \texttt{,} \texttt{C} \ \texttt{,} \texttt{c} \ \texttt{"YES",} \texttt{É} \bullet \texttt{"I} \square X, \mu, \texttt{U}, \textbf{:} \square B$ 

**3** fCf"f^□[flfbfgftfHf",ðfŠf‰f",³,¹,Ü,·□B

,±,ÌflfvfVf‡f",ðfCfGfX,É,·,é,Æ□AVCfJ□[fh□Š—LŽÒ,Æ,ÌŠÔ,Å,µ,©fCf"f^□[flfbfgftfHf"'Ê~b,ð,·,é,±,Æ,ª□o— ^,È,¢,±,Æ,ðŠo,¦,Ä,¨,¢,ĉ<sup>o</sup>,³,¢□B

# ""o<sup>~</sup>^,ĺ[]I—¹,μ,Ü,μ,½]B fCf"f<sup>^</sup>][flfbfgftfHf",ĺ]I—¹,μ,Ü,·]B]V,μ,¢"o<sup>~</sup>^,ð —LŒø,É,·,é]ê]‡,ĺ]AfCf"f<sup>^</sup>][flfbfgftfHf",ð]ÄŽÀ]s,μ,Ä,,¾,³,¢]B"

fCf"f^[[flfbfgftfHf",ª"o<sup>~</sup>^]ì<Æ,ðŠ®—¹,μ,Ü,μ,½]BfŠf‰f",,,é[]€"õ,ª]o—<sup>^</sup>,Ä,¢,Ü,·]B OK,ð'l'ð,μ,ĉ<sup>♀</sup>,³,¢∏B,»,¤,,ê,ÎfCf"f<sup>^</sup>][flfbfqftfHf",ª□I—¹,μ,Ü,·□B

OK,ð'l'ð,μ,ĉ<sup>Q</sup>,<sup>3</sup>,¢[B,»,¤,·,ê,ÎfCf"f^[[flfbfgftfHf",<sup>a</sup>[]|—<sup>1</sup>,μ,Ü,·[]B
 "o<sup>~</sup> ^,<sup>a</sup>ŽÀ[]s,<sup>3</sup>,ê,é,æ,¤,É[]Ä,ÑfCf"f^[[flfbfgftfHf",ð"®,©,μ,ĉ<sup>Q</sup>,<sup>3</sup>,¢[]B

## fCf"f^[[flfbfgftfHf""o<sup>~</sup>^

"K $\Box$ Ø,È"o~^ftfH $\Box$ [f}fbfg,ð'l'ð,·,é,½,ß,É,±,Ìf\_fCfAf $\Box$ fOf{fbfNfX,ðŽg,Á,Ä  $^{0}$ ,³,¢ $\Box$ B"ÆŽ©,Ì"o~^fR $\Box$ [fh,ðŽ $\Box$ ,Á,Ä,¢,é $\Box$ ê $\Box$ ‡,ÉŒÀ,è $\Box$ A"o~^,·,é,±,Æ,ª $\Box$ o—^,Ü,· $\Box$ B,± ,ÌfR $\Box$ [fh,ĺfffBfXfN,Ì $\Box$ ã,Ìftf@fCf<,Æ,µ,ÄŽó,¯Žæ,é,© $\Box$ AfN $\Box$ [f]f", ,é,¢,ĺfffBfXfPfbfgf  $^{0}$ fxf<,É $\Box$ ',©,ê,Ä,¢,é,à,Ì,Æ,µ,ÄŽó,¯Žæ,é,±,Æ,ª $\Box$ o—^,Ü,· $\Box$ B

ftf@fCf<,ÅfR[[fh,ðŽ[,Á,Ä,¢,é,È,ç]Aftf@fCf<,©,ç,ð'l,ñ,'nº,³,¢]B</p>

JND[[f][f", ,é,¢, ÎfffBfXfPfbfgf‰fxf<,ÉfRD[[fh,ðŽD,Á,Ä,¢,é,È,çDAf}]fjf...fAf<,ð'I,ñ,Å</p>

,<sup>3</sup>,ç,É,à,Á,Æ'½,,ÌfCf"ftfHf□□[fVf‡f",Ì^×,É□AVocalTec, ,©,ç"ÆŽ©,Ì"o<sup>^</sup>fR□[fh,ð']•¶,,é•û-@,É,Â,¢ ,Ä□A,æ,è□Ú,µ,¢□î•ñ,ð"¾,é,½,ß,É,Í<u>"o<sup>^</sup>fR□[fhŽæ"¾•û-@</u>,ðŒ©,ĉº,³,¢□B

## fCf"f^∏[flfbfgftfHf""o<sup>~</sup>^∏î•ñ

"o~^,ðŠ®—¹,∵,é,½,ß,É⊓AŒÂ⊓I"I,È⊓Ú⊓×⊓î•ñ,ð"ü—

ĺ,µ,È,<sup>-</sup>,ê,Î,È,è,Ü,¹,ñ□B□³,µ,¢□Ú□×,ðf^fCfv,·,é,±,Æ,Í□d—v,Å,·□B,±,ê,ª, ,È,½"ÆŽ©,Ì"o~^f  $R \sqcap [fh, Å, ,é, \pm, \mathcal{E}, \delta - Y, \hat{e}, \dot{E}, ¢, Å]$ 

‰º,³,¢□B,»,ê,ĺ□AfCf"f^□[flfbfgftfHf",Ìflfbfgf□□[fN□ã,Å,P□l,μ,©ft□[fU,Æ,μ,ÄŽg,¤,±

,Æ,ª□o—^,Ü,¹,ñ□B

**fAfhfŒfX**f{fbfNfX,É'Z,¢fAfhfŒfX,©,,È,½,̉ïŽĐ-¼,ðf^fCfv,µ,ĉº,³,¢∏B ۰

**"dŽqf**□□**[f**<f{fbfNfX,É, ,È,½,Ì"dŽqf□□[f<fAfhfŒfX,ðf^fCfv,µ,Ä

<sup>™</sup><sup>®</sup>,<sup>3</sup>,¢□B,à,μ□A□<sup>3</sup>Šm,È"dŽqf□□[f<fAfhfŒfX,ðf^fCfv,μ,È,¢,È,ç□A"o<sup>~</sup>^,ðŠ®—¹,·,é,±,Æ,Í□o— ^,Ü,¹,ñ∏B

fN□[f]f", ,é,¢,ĺfffBfXfPfbfgf‰fxf<,ÉfR□[fh,ðŽ□,Á,Ä,¢ ۰

,é,È,c⊓A**"o<sup>~</sup>^fCf"ftfHf**⊓⊓**[fVf‡f"**f{fbfNfX,É,»,ê,ðf^fCfv,μ,Ä

<sup>‰</sup><sup>°</sup>,<sup>3</sup>,¢□BŽŸ,É□i,ÞʻO,É□<sup>3</sup>Šm,É,»,ê,ðf^fCfv,μ,½,±,Æ,ðŠm"F,μ,ĉ<sup>°</sup>,³,¢□B ftf@fCf<,ÉfR□[fh,ðŽ□,Á,Ä,¢,é,È,ç□AfR□[fh,Í**"o˜^fCf"ftfHf**□□**[fʃvf‡f**"f{fbfNfX,É•\ ަ,³,ê,é,Å,µ,å,¤□B,»,ê,ð•Ï□X,µ,È,¢,Å,,¾,³,¢□B(‰ä□X,ĺ"o˜^fR□[fh,ðŠÜ,ñ,Å,¢

,éftf@fCf<,ðʻI,Ô,½,ß,É^ÈʻO,Ìf\_fCfAf∏fOf{fbfNfX,ðŽg,Á,½,Æʻz'è,µ,Ü,·∏B∏j

,Ü,¾□\•<sup>a</sup>‹ó,«f□f,fŠ,<sup>a</sup>, ,é,Ì,É"**fAf∨fŠfP**□**[fVf‡f",ð"®,©,·,É,Í•s**□\•<sup>a</sup>,Èf□f,fŠ",Æ,¢ ,¤f□fbfZ□[fW,ðŽó,<sup>-</sup>,½,ç□A-â'è,Í‹°,ç,DOSf□f,fŠ,ÌŒ‡"@,Ì,½,ß,Å,·□B,½,¢,Ä,¢ ,ÌfAfvfŠfP□[fVf‡f",í□,È,,Æ,àDOSf□f,fŠ,Ì0.5K,ð•K—

v,Æ,µ,Ü,·□BfRf"ftfBfOftf@fCf<,ð•Ï□X,µ,ĉº,³,¢□BŠÈ'P,ȉðŒ^•û-@,Í□AŠJ,¢,Ä,¢

,éfAfvfŠfP□[fVf‡f",ð•Â,¶,ÄfCf"f^□[flfbfgftfHf",ð"®,·,±,Æ,Å,·□B

fAfvfŠfP□[fVf+f",I□ifCf"f^□[flfbfgftfHf",àŠÜ,ß,Ä□j•K—v^Ĕ□ã,ÉDOSf□f,fŠ,ðŽg,¢ ,Ü,·□B^Ù,È,Á,½□+□°,ÅfAfvfŠfP□[fVf+f",ðŠJ,¢,ĉº,³,¢□B

-â'è,ĺDOSf□f,fŠ,Å, ,é,©Šm,©,ß,é,¼,ß,É,ĺ□Afwf<fvf□fjf...□[,©,çInternet Phone,É,Â,¢,Ä,ð'I,ñ,Å,,¾,³,¢□Bf\_fCfAf□fOf{fbfNfX,,Å<ó,«f□f,fŠ—e—ÊfZfNfVf‡f",ð,Ý,Ä,-,¾,³,¢□B,Ç,ê,®,ç,¢,ÌDOSf□f,fŠ,ªfCf"f^□[flfbfgftfHf",ðŽn,ß,é'O,É<ó,¢,Ä,¢,Ä,¢,Ä,¢,½,©□A□¡,Ç,Ì,-</p>

,ç,¢<ó,¢,Ä,¢,é,©,ð•ñ□□,μ,Ü,·□B flfbfgf□□[fNfhf‰fCfo□[, ,é,¢,ĺfl□[fffBflf{□[fhfhfhf‰fCfo□[,ª, ,È,½,Ì,c,n,rf□f,fŠ,ðŽg,Á,Ä

,¢,é‰Â"\[]«,ª, ,è,Ü,·[]B,»,ê,ç,ð•Â,¶,ç,ê,é,©, ,é,¢,Í•Ï,¦,ç,ê,é,©,Ç,¤,©'²,×,ĉº,³,¢[]B

### IRC,Æ,Ì□Ú'±,ª"ñ□í,É'x,¢□B

, $\dot{a}$ , $\mu$  AfgfsfbfN,ÉŽQ‰Á, $\mu$ , $\dot{2}$ , $\dot{e}$ fgfsfbfNfŠfXfg,ð X V, $\mu$ , $\dot{2}$ , $\dot{e}$  A, , $\dot{e}$ , $\dot{e}$ , $\dot{f}$  T [fo,É  $\dot{U}$  +  $,\cdot,\acute{e},\not E, c, \dot{A}, \not '_{2}" \otimes , \ll, a, a, c, \dot{A}, a, a, a, \dot{A}, a, a, a, \dot{A}, a, a, \dot{A}, \dot{A}, \dot{A}, a, a, \dot{A},  

‰ß,¬,Ä,¢,é‰Â"\□«,ª, ,è,Ü,·□B

flfvfVf‡f"f□fjf…□[, ©, cflfbfgf□□[fNf□fO,Ì•\ަ,ð'l,ñ,Å,,¾,³,¢□B‰ß•‰‰×,É,Â,¢
 ,Ä•ñ□□,μ,Ä,¢,éIRC,©,c,Ìf□fbfZ□[fW,ð'{,μ,ĉ⁰,³,¢□B
 □Ø'f,μ,Ä•Ê,ÌIRCfT□[fo,É□Ú'±,μ,ĉ⁰,³,¢□B

## 'N,àIRCflfbfgf□□[fN,É□Úʻ±,µ,Ä,¢,Ü,¹,ñ

flfbfgf $\Pi$ [fN $\Pi$ ã,É'N,à,¢,È,¢‰Â" $\Pi$ «,ª, ,è,Ü, $\Pi$ B‰Â" $\Pi$ «,Æ,µ,Ä,Í $\Pi$ A $\Pi$ Ú'±,µ,æ,¤,Æ,µ,½IRC fT[[fo,É[]³Šm,É[]Ú'±,³,ê,Ä,¢,È,¢,Æ,¢,¤,±,Æ,Å,·]Bf[]fO,ðŠm"F,μ,Ä

 $,\cdot,\acute{e}'\overline{4},ifT\square[fo,ð\bulletn]\square,\mu,Ü,\cdot\squareB'4,ifT\square[fo,Æ]U'±,\mu,Ä,¢,È,¢]$ 

,È,ç□AIRCfT□[fo,ĺ^ꎞ"I,É□Ø'f,³,ê,Ü, □B

•Ê,ÌIRCfT[[fo,É]Ú'±,μ,ĉ<sup>0</sup>,³,¢]B

"‰¹□º'•'u□Ý'è,ÌfefXfg,ð□s,¢,Ü,·□BOK.,ð'l,Ô'O,ɉ¹□º'•'u,ðŽg,Á,Ä,¢ ,é'SfAfvfŠfP□[fVf‡f",ð□l—¹,³,¹,Ä,,¾,³,¢□BflfvfVf‡f"f□fjf... □[fVfXfef€□Ý'è,ÌfefXfg,ð'l,Ô,±,Æ,É,æ,Á,ÄfefXfg,ðŒJ,è•Ô,·,±,Æ,ª□o— ^,Ü,·"

,±,Ìf□fbfZ□[fW,ĺfVfXfef€□Ý'èfefXfg,ªŽn,Ü,é'O,É•\ަ,³,ê,Ü,·□B,±,ÌfefXfg,ĺ<u>'S"ñ□d</u> f,□[fh,ª

$$\label{eq:shifted_states} \begin{split} & & \hat{A}^{*} \ , \dot{A}, \ , \acute{e}, \mathbb{C}, \zeta, \mathtt{x}, \mathbb{C} \ ''F\check{Z}^{-}, \cdot, \acute{e}, \tfrac{1}{2}, \pounds, \acute{E} \ & \overset{1}{\square}^{\varrho} \ \bullet' u, \check{\partial}'^{2}, \times, \ddot{U}, \cdot \squareB \\ & \bullet \ & \overset{1}{\square}^{\varrho} \ \bullet' u, \check{\partial}\check{Z}g, \mathtt{x}, \cdot, \times, \ddot{A}, ifAfvf\check{S}fP [[fVf\ddagger{f}", \grave{\partial}\square I - ^{1}, ^{3}, ^{1}, \ddot{A} \ & \overset{\Omega}{\square}^{-}, ^{3}, ¢ \square B, \grave{a}, \mu \square I - ^{1}, \mu, \grave{E}, \textcircled{C}, \acute{A}, \tfrac{1}{2}, \varsigma \square Afl [[ffBfl] \dot{\Box}' \dot{e}fefXfg, i\check{Z}, \ ''s, \mu, \ddot{U}, \cdot \square B \end{split}$$

## "•Ê,ÌfAfvfŠfP[[fVf‡f",ª‰¹[]º'•'u,ðŽg—p,μ,Ä,¢ ,Ü,·[]BfefXfg,ð[]s,¤[]ê[]‡,Í[]A'¼,ÌfAfvfŠfP[[fVf‡f",ð[]]— ¹,³,¹,Ä,©,ç[]AOK,ð'l'ð,μ,Ä,,¾,³,¢[]B "

fCf"f^[[flfbfgftfHf",ª•Ê,ÌfAfvfŠfP[[fVf‡f",ª‰¹□º'•'u,ðŽg—p,µ,Ä,¢,é,± ,Æ,ð"FŽ⁻,µ,Ü,µ,½□BfVfXfef€□Ý'èfefXfg,ð□³□í,É□l,í,ç,¹,é,É,Í□A‰¹□º'•'u,ðŽg,Á,Ä,¢ ,é'S,Ä,ÌfAfvfŠfP[[fVf‡f",ð□l—¹,³,¹,ĉº,³,¢□B

,é'S,Ä,ÌfAfvfŠfP[[fVf‡f",ð[] $-^1$ ,<sup>3</sup>,<sup>1</sup>,ĉ<sup>0</sup>,<sup>3</sup>,¢]B **●** ‰<sup>1</sup>]<sup>0</sup>'•'u,ðŽg—p,µ,Ä,¢,é'S,Ä,ÌfAfvfŠfP[[fVf‡f",ð]] $-^1$ ,µ,ĉ<sup>0</sup>,<sup>3</sup>,¢]B,à,µ]A]] $-^1$ ,µ,È,©,Á,½,ç]AfVfXfef€]Ý'èfefXfg,Í]Ä"xŽ,"s,µ,Ü,·]B

# "'S"ñ□dfl□[fffBfl'•'u,ª"FŽ<sup>-</sup>,³,ê,Ü,μ,½□BflfvfVf‡f"/'S"ñ□d,ð'l,ñ,¾,ç□A'S "ñ□d'Ê<sup>~</sup>b,ª□o—<sup>^</sup>,Ü,·□B,à,μfl□[fffBfl'•'u,ð•Ï□X,μ,½,ç□AflfvfVf‡f"/ fVfXfef€□Ý'èfefXfg,ð'l,ñ,ÅfefXfg,ðŒJ,è•Ô,μ,ĉº,³,¢□B"

fCf"f^□[flfbfgftfHf",ĺ<u>'S"ñ□d</u> fl□[fffBfl,ðfTf| □[fg,·,éfl□[fffBflfffofCfX,ðfVfXfef€□ã,Å"FŽ<sup>-</sup>,µ,Ü,µ,½□B'S"ñ□d'Ê<sup>~</sup>b,ð□s,¤,½,ß,É,± ,Ìf,□[fh,ðŽg,¤,±,Æ,ª□o—<sup>^</sup>,Ü,·□B

# ""¼"ñ□d‰¹□º'•'u□Ý'è,ªŒ©,Â,©,è,Ü,µ,½□B'S"ñ□d'Ê<sup>~</sup>b,Í□o— ^,Ü,¹,ñ□Bfl□[fffBfl'•'u,ð•Ï□X,µ,½,ç□AflfvfVf‡f"/ fVfXfef€□Ý'èfefXfg,ð'l,ñ,ÅfefXfg,ðŒJ,è•Ô,µ,ĉº,³,¢□B

## "'S"ñ d ‰¹ 0° • ' u 1Ý ' è,ªŒ©,Â,©,è,Ü,µ,½ B č b,·,Æ • · ,,É,æ,è— Ç,¢fffofCfX,ð'l,Ô,½,ß,ÉOK,ð'l 'ð,µ,ĉº,³,¢ BflfvfVf‡f"/0Ý'è,ð'l,Ô,± ,Æ,É,æ,Á,Ä,±,ÌŽè0‡,ðŒJ,è•Ô,·,±,Æ,ª00—^,Ü,·0B"

^,Ü,·□B□Ý'èf\_fCfAf□fOf{fbfNfX,ðŠJ,,½,ß,ÉOK ,ð'l,ñ,Å,,¾,³,¢□B

 $\begin{array}{l} & \int_{C} fCfAf[]fOf \{fbfNfX, ÅŽŸ, \dot{l}, \&, & x, \dot{E}[]Ý'e, \mu, \ddot{A}‰^{\varrho}, \overset{3}{,} & c]B \\ \hline & \tilde{b}, \cdot, \dot{E} \text{ input device }, \& \mu, \ddot{A}[]A^{e} \cdot \hat{u}, \dot{l}device, & dfZfbfg, \mu, \ddot{A}‰^{\varrho}, \overset{3}{,} & c]B, \pm \\ , \dot{l}f \{[][fh, \acute{E}f\}fCfN, @`^{1}_{4}, \dot{l}input device , & d[]Ú' \pm, \cdot, \acute{e} \cdot K - v, \overset{a}{_{2}}, & \dot{e}, \ddot{U}, \cdot]B \\ \hline & \bullet \cdot , , \acute{E} \text{ output device }, \& \mu, \ddot{A}[]A, \dot{a}, & a^{2}e \cdot \hat{u}, \dot{l}device, & dfZfbfg, \mu, \ddot{A}‰^{\varrho}, \overset{3}{_{3}}, & c]B, \pm \\ , \dot{l}f \{[][fh, \acute{E}fXfs][fJ][], @`^{1}_{4}, \dot{l}output device , & d[]Ú' \pm, \cdot, \acute{e} \cdot K - v, \overset{a}{_{2}}, & e, \ddot{U}, \cdot]B \end{array}$ 

# fVfXfef€,ĺ'S"ñ□d,ðfTf|□[fg,μ,Ü,¹,ñ.

 $fCf"f^[[flfbfgftfHf", \hat{n}]A \underline{^{1}_{4}"\tilde{n}]d} audio, \acute{E}, \mu, @"z'u, ^3, \hat{e}, \ddot{A}, \varphi, \ddot{U}, ^1, \tilde{n}]B, *, \hat{e}, \ddot{a}, \downarrow, \acute{E} \underline{^{(n)}}d f, [fn, \acute{E}]Ø, \acute{e}'\ddot{O}, \downarrow, \acute{e}, \pm, \mathcal{A}, \hat{n}]O - , \ddot{U}, ^1, \ddot{n}]B$ 

,±,Ìf□fbfZ□[fW,ð-³Ž<,μ,Ä'±□s,ð'I,Ô,±,Æ,É,æ,Á,Ä'S"ñ□d,É□Ø,è'Ö,¦,é,±,Æ,ª□o—^,Ü,·□B</li>
 ,±,Ìf□fbfZ□[fWf{fbfNfX,ð□Ä,Ñ,Ý,½,,È,⁻,ê,Î□A Dont display this message again
 flfvfVf‡f",ð'I,Ô,±,Æ,Å,·□B,à,μ,±

,Ìf⊡fbfZ□[fWf{fbfNfX,ð□Ä,Ñ,Ý,½,⁻,ê,ÎfVfXfef€"z'ufefXfg,ð□Ä,Ñ"®,©,¹,Î□A,±,Ìf⊡fbfZ□[fW,ª•\ ަ,³,ê,Ü,·⊡B

• ,à,µ□AfVfXfef€,ª-{"-,É'S"ñ□dfl□[fffBfl,ðfTf|□[fg,µ,Ä,¢,½,ç□A**fefXfg**f{f^f",ð'l,Ô,± ,Æ,É,æ,Á,ÄfVfXfef€□Ý'èfefXfg,ð,à,¤^ê"x□s,Á,ĉ<sup>Q</sup>,³,¢□BfVfXfef€□ã,É, , éfu'S"ñ□dfl□[fffBflfffofCfX,ð"FŽ<sup>-</sup>,·,éfefXfg,ðŽn,ß,Ü,·□B

# SLIP/PPP []Ú'±,ÅfCf"f^[][flfbfgftfHf",ðŽg,¤

 $fCf"f^[[flfbfgftfHf", \acute{l}-~-p, \cdot, \acute{e}f, fff€, ^{a}]^{3}, \mu, "@]ì, \cdot, \acute{e}, \varpi, ¤, \acute{E}[]\acute{Y}`e, ^{3}, \acute{e}, \ddot{A}, ¢, \acute{e}, \pm, \mathcal{E}, ^{a} \bullet K-v, \mathring{A}, \cdot ]B$ 

#### f,fff€,Ì□Ý'è,ðŠm"F,μ,Ä,,¾,³,¢□B:

- 1 f,fff€,ªŠO•"f,fff€,È,ç,ÎfVfŠfAf<f|□[fg,ª□,'¬"`'— ,Ì,Å,«,é□³,µ,¢UART,Å, ,é,©Šm"F,µ,È,¯,ê,Î,È,è,Ü,¹,ñ□B'Ê□í,ÌUART,Í8250,ÆŒÄ,Î,ê,Ü,·□B DOSfvf⊡fOf‰f€,Í'Ê~b,·,é,É,Í□\•ª,Å,·,ª,»,Ì<@"\,ÍfEfBf"fhfEfY‰º,Å□,'¬"`'— ,·,é,É,Í'á,·,¬,Ü,·□Bf,fff€,ð□Å'å'Ñ^æ,ÅŽg,¤,½,ß,É,Í16550UART,ª•K—v,Å,·□B UARTf^fCfv,ðŠm,©,ß,é,½,ß,É,ÍDOSfvf□f"fvfg,©,çMSD,ð"®,©,µ,Ä,-,¾,³,¢□BMSD,ªfVfXfef€fefXfg,ð□I,¦,½ŒãCOMf|□[fg,ð'I,ñ,Å,-,¾,³,¢□BMSD,ÍfVfXfef€□ã,Ì,»,ê,¼,ê,¨COMf|□[fg,ª16550UART,ðŽg,¦,é,©,Ç,¤,©<³,¦,Ä,-,ê,Ü,·□B
- 2 ,à,µf,fff€,ª"à',³,ê,Ä,¢,½,ç,¨,»,ç,16550UART,ª'g,Ý□ž,Ü,ê,Ä,¢,Ü,·□Bf,fff€,ĺfxf"f^□[ŒÅ —L,Ìfhf‰fCfo,ð—v<□,µ,Ü,·□Bf,fff€,ªfxf"f\_,Ìfhf‰fCfo,Ì□Å□Vfo□[fWf‡f",ðŽg,¦,é,± ,Æ,ðŠm"F,µ,Ä,,¾,³,¢□B
- 3 SYSTEM.INI ftf@fCf<,Ì[386Enh] fZfNfVf‡f",̉º,ÉŽŸ,Ì□s,ª, ,é,±,Æ,ðŠm"F,µ,Ä,-,¾,³,¢□B

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COM2FIFO=1 (f,fff€,<sup>a</sup> COM2,É, ,é,Ɖ<sup>1</sup>/<sub>4</sub>'è,\mu,Ü,·)
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SYSINI.WRI ftf@fCf<,Å,Í•s□³Šm,É<L□q,³,ê,Ä,¢,Ü,·,ª,"'I,É,ÍYES,Ü,½,ÍTRUE,ðŽg,¤,±
,Æ,Í,Å,«,È,¢,Ì,Å'□^Ó,μ,Ä,,¾,³,¢□B'I,Í,P,Å,È,⁻,ê,Î,È,è,Ü,¹,ñ□B
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4 'S"ñ□df,□[fh,ðŽg,¤,½,ß,É,Í□Af,fff€^3□k,ðŽg,¦,È,,µ,È,⁻,ê,Î,È,è,Ü,¹,ñ□B,±
,ê,Í□AfefLfXfg"`'-,Å,Í,â,â<@"\,ª'ቺ,·,é,©,à,µ,ê,Ü,¹,ñ,ª□AfofCfifŠ"`'-□i
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,·,é^ê"Ê"I,È•û-@,Í, ,è,Ü,¹,ñ□B,»,ê,Í,²Žg--p,Ìf,fff€
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,ÉWinsock,ì<L□q,ðf`fFfbfN,µ□Af,fff€^3□k,ÌfZfbfgfAfbfv,ª□s,í,ê,Ä,¢,é,©,ðŠm"F,µ,Ä,-
,¾,³,¢□B,à,µ□A,»,¤,Å, ,é,È,ç,Î□A,»,ê,ðŽg,¦,È,,µ,Ä,,¾,,*□B,³,à,È,⁻,ê,Î□Af,fff€^3□k,ð•s"\
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p,Ìf,fff€□‰Šú‰»fRf}f"fh,Í "ATZ&C1&K3",Ì,æ,¤,É,È,Á,Ä,¢,é,Å,µ,å,¤□B,²Žg--p,Ìf,fff€
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,ÈŠé<Æ,Ìf,fff€,Å,·□B□F AT&T, Boca, Zoom, Compaq, Gateway2000, Intel, NEC, Supra, Motorola and others. USRobotics, Zyxel: AT&K0

'¼f,fff€,ĺf}fjf...fAf<,ðŠm"F,μ,Ä,,¾,³,¢∏B