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LUTHERANISM IN MAINE 1741-1986

A thesis Presented to the Faculty
of Concordia Seminary, St. Louis,
Department of Historical Theology
in partial fulfillment of the
requirements for the degree of
Master of Sacred Theology

by

Ingo R. Dutzmann

May 1988

Approved by Quentin Wesselschmidt
Advisor

Jacob A. O. Preus III
Reader

ÔÈÁ ÑÈØÓÁÀØÛÚŠËØONQÁŠŮÓËÛØÓÙÁŠÔÁÓNOĐÁ QŮÚÒÓËNSÁOŠŠÖËÓÖNÚØŠSÁNSÆÁRØUØŠSÁØSÁ RNØSÓÁ ÇËÓÛØUÓÆÁÔÖÑËÛÑËWÁËÈÁ FÍÍÍDÁ g g g Á	84
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ŞPÓÔNOÓÁ

Ø^Á \áæÁbÛÇÇæãÁ~àÁFİİĞÁ} ↔ \áÁ \áæÁQ~ãäCbÁ →æáä↔^&ÊÁ ØÁá´´æ*\æäÁáÁ
 ´á→Á \~Á↑~{æÁ} ↔ \áÁ↑]Áàá↑ ↔]Á \~ÁPæäæ↑æãÁQ | \áæãá^ÁOá |ã´áÊÁOá*æÁ
 Ó↔~áâæ \áÊÁRá↔^æÊÁ Ø\Á} ábÁ \áæÁ }æáãÁ~àÁ \áæÁI€€ \áÁN^↔ {æãbáã]Á~àÁ \áæÁ
 â↔ã \áÁ~àÁRáã \↔^ÁQ | \áæãÁá^äÁábÁb | ´áÁ↔^Ábææ↑æãÁ~^→]Áà↔ \↔^&Áá^äÁ*ã~*æãÁ
 \~Ááããá^&æÁà~ãÁá^Áá*^Á~*ã↔á \æÁ´æ→æããá \↔~^Á~àÁ \á↔bÁæ {æ^ \Áá \ÁŞ~ã \→á^äCbÁ
 âæá | \↔à |→ÁO↔ \]ÁÔá→Á } ↔ \áÁ↔^bÁ Íİ€€Á*↔*æÁP~\b´á↑áãÁ~ã&á^ÊÁ ÚáæÁæ {æ^ \Á} ábÁ
 áÁãæb~ | ^ä↔^&Áb | ´´æbbÁá^äÁãã~ | &á \ÁQ | \áæãá^Á´~^b´↔~ | b^æbbÁ \~Á \áæÁà~ãæÁ↔^Á
 Rá↔^æÁ↔^ÁáÁb | âb\á^ \↔á→Á } á]Áà~ãÁ \áæÁà↔ãb\Á \↔↑æÁ↔^Á \áæÁá↔b \~ã]Á~àÁ \áæÁ
 b\á \æÊÁ

Rá↔^æÁáábÁ {↔ã | á→]Á^~Áãæ´~ãäæãÁá↔b \~ã]Á~àÁQ | \áæãá^↔b↑Áæ {æ^ Á
 \á~ | &áÁ \áæÁ~→ãæb\ÁQ | \áæãá^Á´á |ã´áÁ↔^Áá→Á~àÁŞæ } ÁÓ^&→á^äÁb \↔→Áb\á^ábÁ
 } ↔ \á↔^Á↔^bÁâ~ãäæãbÊÁ ÚáæãæÁ↔bÁ^~Á }ã↔ \↔^Á~ãÁ~ãá→Áá↔b \~ã]Á~àÁQ | \áæãá^bÁ
 ↔^ÁRá↔^æÊÁ ÚáæãæÁáãæÁ↑~ãæÁãæàææ^´æbÁá \Á \áæÁŞ~ã \→á^äÁŞ | â↔^ÁQ↔ããã]Áà~ãÁ
 CCÛ↔^b \~^ÁOá |ã´á↔→ÁÁà~ãÁæ [á↑*→æÁ \áá^Áà~ãÁá→Á~àÁOáã↔b \æ^ã~↑Á↔^Á \áæÁ→áb \Á
 G€€€ÁÈ]æáãbÁÁ

Ô~ãÁá^]~^æÁ↔^ \æãæb \æãÁ↔^Áá↔b \~ã]Á \á↔bÁ´~↑æbÁábÁ áÁâ↔^Á~àÁáÁbã~´↔ÊÁ
 Úá↔bÁ \áæb↔bÁ↔bÁ \áæÁà↔ãb\Áá \↔æ↑* \Á↔^ÁRá↔^æÁ \~Áãæ´ \↔à]Á \áá \Áb↔ | á \↔~^ÊÁ
 Q | \áæãá^bÁ↔^ÁRá↔^æÁáá {æÁááäÁá^äÁ´~^ \↔^ |æÁ \~Ááá {æÁáÁb \~ã]Á \~Á \æ→ÊÁ Ø\Á
 ↔bÁ áÁb \~ã]Áà |→Á~àÁb↔^Áá^äÁ&ãá´æÁâ~\áÁbááÁá^äÁ*ã~ |ãÊÁ Ø\Á↔bÁ áÁb \~ã]Á
 } á↔^ áÁ~ | &á \Á \~ÁâæÁ \~→ãÁâæ´á | bæÁ↔^Á↔bÁb↔&^↔à↔´á^ \Á↔^ÁáÁ^ \→→æãÁ~àÁ } á]bÊÁ
 Ô↔ãb \ÊÁ Q | \áæãá^bÁ↔^ÁáÁ&↔ {æ^ Á*→á´æÁ~ | &á \Á \~Á←~ } Á \áæ↔ããã~ \bÊÁ Uæ´~^ãÊÁ

^æ&ââ~ãbÁ~àÁQ|\åæãá^bÁ~|&â\Á\~Á<~}Á}â~ÁQ|\åæãá^bÁáãæÁá^äÁ}áá\Á\åæ]Á
âæ→æ{æÈÁ Úâ↔ããÈÁ~\åæãÁb↑á→Áb\ã|&&→^&ÁQ|\åæãá^ÁáãæábÁ~|&â\Á\~Ááá{æÁ
á´æbbÁ\~Á´~^æ↑*~ããã]Áâ↔b\~ã↔æbÁ~àÁb↔↑↔áãÁb\ã|&&→æbÁá^äÁâ~}Á\åæbæÁ}æãæÁ
↑æ\ÈÁ Ô~|ã\åÈÁ^~Áâ↔b\~ã]Á~àÁQ|\åæãá^↔b↑Á↔^ÁN↑æã↔´áÁ↔bÁ´~↑*→æ\æÁ}↔\å~|\Á
á^Á|^åæãb\á^ä↔^&Á~àÁæá´áÁ~àÁ↔\bÁ´~↑*~^æ^\bÌÁ Rá↔^æÁ↔bÁ~^æÁ~àÁ\å~bæÁ
´~↑*~^æ^\bÁá^äÁ↔\bÁQ|\åæãá^Áâ↔b\~ã]ÁáábÁ^~\Áâææ^Á\~→äÁâææ\~à~ãæÈÁ Rá]Á
\å↔bÁâæÁáÁâæ&↔^↔^&ÈÁ

NÁ}~ããÁ~àÁ\åá^<bÁ↔bÁ↔^Á~ããæãÁ\~ÁÑæ\\]ÁÖãá^\ÈÁÆ~^^áÁU*æ´←↑á^^ÈÁ
Õ|→æÁŞâ→|&ÈÁÆæââ]ÁÔá↑↔~\~^ÈÁU\æ*âæ^Áá^äÁŞá\↔ÁÖãáà\bÈÁÞæææ↑æãÁQ|\åæãá^Á
Oâ|ã´áÁ~àÁOá*æÁO→~áâæ\åÈÁRá↔^æÈÁá^äÁ↑]Á}↔æÈÁ´á↔→ããæ^Áá^äÁ↑~↑ÌÁ }↔\å~|\Á
\åæ↑Á\åææÁ}~|→äÁâæÁ^~Á}ã↔\æ^ÁÔ↔b\~ã]Á~àÁQ|\åæãá^↔b↑Á↔^ÁRá↔^æÈÁ Úáá^<bÁ
á→b~Á\~ÁÔá^ÁÔæ↔^bÁ}↔\å~|\Á}á~↑Á\å↔bÁâæ&ãææÁ}~|→äÁ^~\Ááá{æÁ&~\æ^ÁÈæàÁ\åæÁ
&ã~|^äÈÁ

Óáb\æãÁFíîîÁ
Ø^&~ÁÞÈÁÆ|\´↑á^^Á

ØSÚÞŠŒÛÓÚØŠŠÁ

Ùáá\Áà~→→}bÁ↔bÁáÁ↑æãæÁb]^~*b↔bÁ~àÁ\áæÁb\~ã]Á~àÁQ|\áæáá^↔b↑Á↔^Á
Rá↔^æÈÁ Ø\Á↔bÈÁ ØÁâæ↔æ{æÈÁ áÁb\~ã]Á~àÁÑ↔â↔'á→]Ë↑~\↔{á\æáÁâ|\↑á^Áâæ↔^&bÁ
}á~bæÁæàà~ã\bÁáá{æÁæ^ã↔'áæáÁ~|ãÁ~}^Á↔^Á\á↔bÁ^↔^'\áÁæ'áæáÁ~àÁ\áæÁÚ}æ^\↔æ\áÁ
Oæ^\|ã]ÈÁ ÚáæãæÁ↔bÁ áÁá↔b\~ã]Á\~ÁâæÁ↔æáá^æáÁáæãæÈÁ ÚáæÁ↔↑*~ã\á^\Á@|æb\↔~^Á
↔bÁ}áæ\áæáÁ}æÁ'áãæÁ~ãÁÁá^\Á\~Á→æáá^Áàã~↑Á\á\Áá↔b\~ã]ÈÁ

R]Á*|ã~bæÁ↔^Á\á↔bÁ}ã↔\↔^&Á↔bÁ{æã]Áb↔↑*æÈÁ Ô↔ãb\ÈÁ\~Á\æ→Á\áæÁ
b\~ã]Áà~ãÁ\áæÁà↔ãb\Á \↔↑æÈÁ Uæ'~^æÈÁ\~Áæb\áâ↔báÁá^áÁ~↑^æ^\Á|*~^Áááb↔^Á
äæ↑~&áá*á↔'Ááá\áÁà~ãÁQ|\áæáá^↔b↑Á↔^ÁRá↔^æÁá^áÁ\~Á*ã~{↔äæÁâã↔æáÁ~{æã{↔æ}bÁ
~àÁæ{æã]ÁQ|\áæáá^Á'~^&ãæ&á\↔~^Á↔^ÁRá↔^æÁ\~Áää\æÈÁ N^áÁ\á↔ãáÈÁ\~Á↑á↔æÁb~↑æÁ
~âbæã{á\↔~^bÁáâ~|\Á\áæÁ*áá'\↔'á→Áá^áÁ\áæ~→&↔'á→Áb\á\æÁ~àÁ\áæÁQ|\áæáá^Á
äæ~↑↔^á\↔~^bÁ↔^ÁRá↔^æÁæb*æ'↔á→]Á}↔\áÁãæðæãæ'æÁ\~Á\áæÁæb\áá↔bá↑æ^\Á~àÁ
\áæÁ^æ}ÁÓ{á^&æ↔'á→ÁQ|\áæáá^ÁOá|ã'áÁ~àÁN↑æã↔'áÈÁ ábÁ↔^Á↑á]Áãæ→á\æÁ\~Á\áæÁ
Q|\áæáá^ÁOá|ã'áÈR↔bb~|ã↔ÁU]^~æÈÁ

Q|\áæáá^↔b↑Á↔^ÁRá↔^æÁáábÁäæ{æ→*æáÁä|ã↔^&Á\áãæÁä↔b\↔^'\ÁãáábIÁ \áæÁ
Öæ^á^ÁÚá→ä~â~ã~ÁæááÁàã~↑ÁFÍHFËFÎJËÌÁ \áæÁæááÁ~àÁ&æ^æáá→Áæ\á↔^Á↑↔ãá\↔~^bÁ
àã~↑ÁFÍÍFËFÏGFÌÁ á^áÁ\áæÁæááÁ~àÁ'~^b~↔äá\↔~^Áá^áÁ^~^Ëæ\á↔^Á&ã~}\áÁàã~↑Á
FÏIÑËFÏÍÈÁ N→\á~|&áÁ\áæÁÚá→ä~â~ã~Á'~^&ãæ&á\↔~^Á}ábÁ\áæÁà↔ãb\ÁQ|\áæáá^Á
~^æÁ↔^Áá→Á~àÁSæ}ÁÓ&→á^æÈÁ&ã~}\áÁáábÁâææ^Á*á↔^à|→]Áb~}Á↔^Á\áæÁ↔^æãË
{æ↔^&Á}\~Áá^áÁ~^æÈáá→àÁ'æ^\|ã↔æbÈÁ ÚáæÁãæáb~^bÁà~ãÁ\á↔bÁ*á'æÁábÁ}æ→ÁábÁ
\áæÁ*ã~b*æ'\bÁà~ãÁ\áæÁà|\|ãæÁ}↔→ÁâæÁáääãæbbææÈÁ

RÓÚÒŠŠŠQŠÖWÁ

ÚâæÁ↑æ\â~äÄæ↑*~]æäÁ↔^Á&á\âæ↔^&Á↑á\æ↔â→bÁ à~ãÁ\â↔bÁæ^\æã*ã↔bæÁ
}ábÁää\âæãÁb\ãá↔&á\Èä~ã}áääÌÁ \áá\Á↔bÊÁ &↔^&Áã↔&á\Á\~Á\âæÁb~|ã´æÈÁ Ø^Á
\âæÁ*áb\Á]æääÁØÁää{æÁää↔{æ^Ábæ{æää→Á \â~|bá^ää↑↔æbÊÁ↑áääÁbæ{æää→Á
â|´ääæää´á→bÊÁ´~^ä|´\æäää~æ^bÁ~àÁ~ää→Áâ↔b\~ã↔æbÁá^ää↔^\æã{↔æ}bÊÁ á^ää
&á\âææää\â~|bá^ábÁ~àÁâ↔\bÁ~àÁ↔^à~ã↑á\↔~^Á{æääá→}ÊÁ*â~\~&ää*â↔´á→}ÊÁ
á^ää↔^Á}ã↔^\æ^Áá^ää*ã↔^\æääà~ã↑ÈÁ

N→Á \âæÁ \ãää↔↔~^á→Á↑æ\â~äbÁ à~ãÁ&á\âæ↔^&Á↔^à~ã↑á\↔~^Á]æãæÁæ↑*~]æäÈÁ
ÚâæbæÁ↔^´→|æääÁ{↔b↔\bÁ\~Á\âæÁ↔ãää↔æbÁá\ÁÒää{áääÁ↔{↔↔}\Á U´â~↔ÈÁ Ñá^&~ãÁ
Úâæ~↔&↔´á→ÁUæ↑↔^áã}ÊÁÚâæÁÛ↔{æãb↔}\Á~àÁRá↔^æÁá\ÁŠã~^ÊÁ \âæÁÛ↔{æãb↔}\Á~àÁ
U~|\âæá^ÁRá↔^æÁá\ÁŞ~ã\→á^äÈÁ \âæÁŞ~ã\→á^äÁŞ|â↔´ÁQ↔ääää]Áá^ää\âæÁÚâ~↑ábÁ
Ræ↑~ã↔â→ÁQ↔ääää]Á↔^ÁOá*æÁÓ↔~áâæ\âÈÁ N→b~Á*æã|bæää]æãæÁ\âæÁÖ|↔äæbÁ\~Á
Şæã↔~ä↔´á→ÁQ↔\æää\|ãæÈÁ \âæÁSá\↔~^á→ÁÛ↔^ÁOá\á→&|æbÊÁ á^ääâ↔â↔~&ää*â↔æbÁ
á*æ^ææää\~Ábæ´~^ääã]Á}~ã←bÁ\~~^Á|↑æã~|bÁ\~Á↑æ^\↔~^ÈÁ Ñ]Áääää\âæÁ↑~b\Á
âæ→*â|→Á}ábÁ\âæÁŞ~ã\→á^äÁP~↑Áá\Á\âæÁŞ~ã\→á^äÁŞ|â↔´ÁQ↔ääää]ÊÁâ|\Áæ{æ^Á
\âæãæÈÁ↔^à~ã↑á\↔~^Á~àÁáÁ*ã↔↑áã]Á^á|\ãæÁãæ→á\æää\~ÁQ|\âæää^↔b↑Á↔^ÁRá↔^æÁ}ábÁ
↑↔^↔↑á→ÈÁ Ø\æ↑bÁá^ää↔^\æã{↔æ}bÁ&á\âæãæääãæ´\→]Á~^Á→~´á\↔~^Áää{æÁâææ^Á
\âæÁâæb\Á*ã↔↑áã]Áb~|ã´æbÁá→~^&Á}↔\âÁ^æ}b*á*æãbÁá^ää\âæÁÖ~|ã´á→Á~àÁ\âæÁ
Sæ}ÁÓ^&→á^äÁQ|\âæää^ÁÒ↔b\~ã↔´á→ÁU~´↔æ}\ÈÁ

Úâ↔æÁ \âææÁääæÁæ^\↔æÁ{→|↑æbÁää~|\ÁOá\â~↔´↔b↑ÊÁRæ\â~ä↔b↑ÊÁO~^È
&ãæ&á\↔~^á→b↑ÊÁ á^ää\âæÁÑá*↔b\bÁ↔^ÁRá↔^æÈÁ^~Á~↑*ãææ^b↔{æÁ}~ã←ÁábÁæ{æää
âææ^Áä~^æÁáâ~|\Á\âæÁQ|\âæää^bÈÁ Û↔\áá\â↔bÁábÁáÁ&↔{æ^ÈÁØÁàæ→\Á↔\Á↔*~ã\á^Á

\~Áá´´~↑*→báÁbæ{æãá→Á~â↓æ´\↔{æbÁ↔^Á\áæÁâ~ä]Á~àÁ\áæÁ*á*æãÈÁ Ô↔ãb\ÈÁ \~Á
æb\áâ→báÁ\áæÁâã~ääæb\Á*~bb↔â→æÁ ãæáâ↔^&Á→b\ÈÁ Uæ´~^äÈÁ \~Áæb\áâ→báÁáÁ
^æ\}~ã←Á~àÁQ|\áæãá^bÁ↔^ÁRá↔^æÈÁ àã~↑Áæá´áÁ~àÁ\áæÁâ↔{æÁææ~↑↔^á\↔~^bÁãæ*ãæÈ
bæ^æãÈÁ}á~ÁáãæÁ↔^æãæb\æãÁ↔^Á\áæÁâ↔b\~ã]Á~àÁQ|\áæãá^↔b↑ÁãæãæÁ^áÁ}á~Á
}~|→áÁâæÁ}↔→→^&Á\~Ábæã{æÁábÁãæb~|á´æbÁà~ãÁ\á↔bÁá^áÁà|\áæÁãæbæáã´áÈÁ
Úá↔ãäÈÁ \~Áb\á\æÁ\áæÁàá´\bÁábÁb|´´↔^´\→]ÁábÁ*~bb↔â→æÁ}↔\á↔^Á\áæÁ´~^æ[\Á
~àÁ\áæÁ&ãæá\æãÁâ↔b\~ã]Á~àÁ\áæÁb\á\æÁ~àÁRá↔^æÁá^áÁ~àÁQ|\áæãá^↔b↑Á↔^Á
N↑æã↔´áÈÁ N^áÁà~|ã\áÈÁ \~Áâæ&↔^ÁáÁ´~→æ´\↔~^Á~àÁ*á~\~&ãá*ábÁ}á↔´áÁãæ*ãæbæ^Á
æá´áÁQ|\áæãá^Áb↔\æÁ↔^Á\áæÁb\á\æÈÁ

ÚáæÁ~ãá→Áâ↔b\~ã↔æbÁ↑áãæÁ↔^Á\áæÁ´~|ãbæÁ~àÁ\á↔bÁãæbæáã´áÁáá{æÁâææ^Á
\ãá^b´ã↔âæãÁá^áÁ}↔→ÁâæÁ ä|*→´á\æãÁá^áÁb|â↑↔\æãÁ\~Á\áæÁO~^´~ãã↔áÁO↔b\~ãÈ
↔´á→ÁØ^b\↔|\æÁ↔^ÁU\ÈÁ Q~|↔bÈÁ R↔bb~|ã↔ÈÁ ábÁ}æ→Á ábÁ\áæÁSæ}ÁÓ^&→á^áÁ
Q|\áæãá^ÁO↔b\~ã↔´á→ÁU~´↔æ\]Áá^áÁ\áæÁNá´á↔{æbÁ~àÁ\áæÁSæ}ÁÓ^&→á^áÁ↔b\ã↔´\Á
~àÁ\áæÁQ|\áæãá^ÁOá|ã´áÈR↔bb~|ã↔ÁU]^~ãÈÁ N→Á↑á\æã↔á→bÁ&á\áæãæáÁ\~Áää\æÁ
~ãÁ↔^Á\áæÁà|\áæÁ}↔→ÁâæÁá{á↔→áâ→æÁ\~Áá^]Á↔^æãæb\æãÁ*áã↔↔æbÈÁ ÚáæÁ
*á~\~&ãá*á]Á´~→æ´\↔~^Á↔bÁá→b~Á↔^Á↑]Á*~bbæbb↔~ÈÁ Ø\Á↔bÁ↑]Á↔^æ´\↔~^Á\~Á
´~^↔^æÁ\áæÁb\|ã]Á~àÁQ|\áæãá^↔b↑Á↔^ÁRá↔^æÁá^áÁØÁ*áá]Á\á↔bÁæàà~ã\Á ↑á]Á
ã~↑\Á~\áæãbÁ\~Áã~Á~××æ}↔bæÈÁ

OÒNŞÚÓĬÁØÁ

ÚÓÓÁÓNĬQWÁØØUÚŞĬPWÁŞÔÁÚÓÓÁOÓÛĬPOÓÁØSÁRNØSÓÁFIJĬHEĬFÍHĬÁ

Ùàæ^Á\âæÁ&ãæá\ÁN↑æã↔´á^Ááä{æ^\|ãæÁ~àÁbæ\↔æ↑æ^\Áá^áÁäæb\↔^]Áâæ&á^Á
~^Á\âæÁS~ã\âÁN↑æã↔´á^Á´~^\↔æ^\Á\âãæÁÄ|´ããæÁÁá^áÁæ↔&á\]Á]æáãbÁá&~ÊÁ↔\Á
}ábÁ^~Á↔\âÁ~ãÁ↔^ÊÁæ´~^~↑↔bÁ~ãÁæ^\æã*ã↔bæÁ}á↔´áÁãã~|&á\Ábæ\↔æãbÁ\~Á
\âæbæÁbã~ãæbÊÁâ|\Áâ]ÁÁäÁ→ãã&æÊÁ↔\Á}ábÁáÁ]æáã^↔^&Á\~Á}~ãbã↔^Áäãææ→]Áá^áÁ
\~Áæ[*æã↔æ^´æÁ*æá´æÁ}↔\âÖ~ãÊÁ S~\Á\âá\Á\âæÁ~\âæÁäã\~ãbÁ*→á]æäÁ^~Á*áãHÁ
â|\Á\âæ]Á}æãæÁbæ´~^áãã]ÊÁ Ø^ÁáÁ*á↑*á→æ\Á*|â→bãæÁ↔^ÁQ~^ä~^Á↔^ÁFIJĬGĬÊÁæ^Ë
\↔\↔æäÁÖ~ãÁSæ}bÁäã~↑ÁÛ↔ã&↔^↔áÁg g g ÁÁ\âæãæÁ}ábË æ{æ^ÁáÁ*→æáÁà~ãÁ*æ~*→æÁ
Ä}á~Á↑á]Á{æ^\|ãæÁ\âæãÁ*æãb~^bÁâ↔\âæÊÁá^áÁææãæÁ^~\Á~^→]Ábæã{æÁÖ~ãÁâ|\Á
âæ→*æÁ\âæbæÁ*~ãæÁØ^ä↔á^bÊÁ→Á

Uæ\↔æ↑æ^\Áá^\↔{↔\]Á↔^Á CRá↔^æCÁ Çb~Á^á↑æäÁä|æÁ\~Á↔\bÁ→~´á\↔~^Á*ã~Ë
{↔æ↔^&Á\âæÁàãb\Áæ´~|\^ããÁ}↔\âá\âæÁ↑á↔^æÁ~àÁ\âæ´~^\↔æ^\Á}âæ^Ábá↔→Ë
↔^&Áäã~↑ÁÓ|ã~*æDÁâæ&á^Á@|\↔↔]ÊÁ ÚâæÁà↔ãb\Áà~ã↑á~Áãæ↔↔~|bÁbæã{↔^æÁ}ábÁ
´æ→æããá\æãÁ~^ÁUá↔^ÁÖã↔[ÁØb→á^áÁ]ÁÔá\âæÁS↔´á~→ábÁäCN|ãã↔^ÁFIJĬHÁ}↔\âá
Uá↑|æ→ÁäæÁOá↑*→á↔^Áâ↔↑bæ→àÁ↔^Áá\æ^áá^´æË^{GÁ} ÚâæÁ´~→~^]Á}ábÁ↑~{æãÁ
á´ã~bbÁ\âæÁUá↔^ÁÖã↔[ÁĬ↔{æãÁ\~ÁS~{áÁU´~\↔áÁ\âæÁ^æ[\Á]æáãÁä|æÁ\~Á\âæÁ
æã´æ\↔~^Á\âá\Á\âæÁØ^ä↔á^bÁ\âæãæÁ}æãæÁäã↔æ^ä~↔æãÊÁ Ø^ÁFIJĬÍÁÖæ~ã&æÁ
Ş~*áá↑ÊÁ´~↑↑á^ä↔^&Á\âæÁbã↔*bÁ CÖ↔à\Á~àÁÖ~ãCÁá^áÁ CRáã]Áá^áÁÖ~ã^ÊCÁ

→|↔↔↔→á↑ÁÛããæ^ÁU}ææ\ÊÁÚâæÁU\~ã]Á~àÁĬæ↔↔~^bÁ↔^ÁN↑æã↔´áÊÁ ÇSæ}Á
W~ã<ÊÁÓáã*æãÁá^áÁÑã~\âæãbÁŞ|â→bãæãbÊÁFIJĬEÁ**ÊÁHIĬHĬEÁ

^G P↔´ááããÁNEÁ Òæãæã\ÊÁR~ãæã^ÁRá↔^æÊÁ ÇSæ}ÁW~ã<ÊÁQæ}↔bÁÖ↔b\~ã↔´á~Á
Ş|â→bã↔^&ÁO~ãĬFIJĬEÁ*ÊÁ HĬGEÁ

æb\áâ→bâæÄÄRá↔æCbÁ à↔äb\Á´ ~→~^]Á Çá→b~Á\áæÁ à↔äb\Á´ ~→~^]Á↔^ÁSæ }ÁÓ^&Ë
 →á^äÈDĞÁ ÚáæÁPæ {æãæ^äÁP↔^ ááãäÁUæ }↑~ |ãÁ}ábÁá↑~^&Á\áæÁFG€Á´ ~→~^↔b\BÁá^äÊÁ
 \áæÁää }Ááà\æãÁää↔{↔^&Á↔^Á\áæÁSæ }ÁÛ~ã→äÊÁ´ ~^ä |´\æäÁ\áæÁ à↔äb\Ábæã {↔^æÁ
 ~äÁ\áæÁÓ^&→bâÁÓá |ã´ áÁ↔^Áá→Á~àÁSæ }ÁÓ^&→á^äÈHÁ Úá↔bÁ´ ~→~^]Áá→b~Ááà↔æäÁ
 ↔^Ábâ~ã\Á~ãäæãÊÁ á | \Á\áæÁ*ãæ´æäæ´æÁ à~ãÁãæ↔&↔~ |bÁbæã {↔^æbÁãæ& |→áã→]Á
 ´~^ä |´\æäÁááäÁäææ^Ábæ\ÊÁ á^äÁ\áæÁãæ´~ãäÁ~àÁ à | \ãæÁRá↔^æÁ´ ~→~^↔^á\↔^Á
 äæääbÁ\á↔bÁ~ | \ÈÁ

NÁ }~ãäÁ↔bÁ↔^Á~ãäæãÁáâ~ | \Á\áæÁ^á | \ãæÁ~àÁ\áæÁãæ↔&↔^Áäã~ | &á\Á\~Á
 \áæÁRá↔^æÁbâ~ãæbÈÁ NbÈ }↔^á↑~b\Á↔^æ↑bÁää~ | &á\Áâ]Á\áæÁ´ ~→~^↔b\BÊÁ äæË
 →&↔^Á´ á↑æÁ↔^Áä↔b\↔^´\→]ÁÓ |ã~*æá^Áà~^bÌÁ P~↑á^ÁÓá\á~↔↔^↔b↑Áá^äÁ
 řã~\æb\á^↔b↑ÈÁ ÚáæÁ à↔äb\Á}ábÁ↔äæ^↔↔^áá→æÁâ]Á\áæÁ\ãää↔^↔^á→ÁQá\↔^Á
 ↑~äæÁ~àÁ}~ãbâ↔^ÊÁ \áæÁbá }↔^&Á~àÁ\áæÁRábbÊÁ á^äÁáÁ | ↑á→æÁäæ {~\↔^Á\~Á\áæÁ
 Ü~ã&↔^ÁRáã]ÍÁ ↔^Ááá´\ÊÁ ÄRá↔^æÁ↔bÁ\áæÁ~^→]ÁSæ }ÁÓ^&→á^äÁb\á\æÁ }↔^áÁÁ
 Óá\á~↔↔^Áá↔b\~ã]Áã~\æäÁäææ*Á↔^Á\áæÁ´ ~→~^↔^á→Á*æã↔~äÈÁÍÁ ÚáæÁæbbæ^↔^á→Á
 àæá | \ãæÁ~àÁ\áæÁbæ´ ~^äÁ↔^´→ | äæÁQ | \áæãCbÁbæ^bæÁ~àÁ CÕ |b\↔^á\↔^ÁÁ]Á
 Ôá↔^áÊCÁ \áæÁ´æ^ãá↔\]Á~àÁ\áæÁU´ã↔^* | \ãæbÊÁ \áæÁ Çřã↔æb\á~ãÁ~àÁá→ÁäæË
 →æ {æãbÊCÁ á^äÁ\áæÁ^á | \ãæÁ~àÁ\áæÁÓá |ã´ äÈ^W Ø^ÁÓ |ã~*æÁ↑á^]Á\ |ã^æäÁ\~Á\á↔bÁ
 äæà~ã↑á\↔^Á~àÁÓää↔b\↔^á^Áäæ↔æàÁá^äÁ*ãá´\↔^æÁäæ´á | bæÁ\áæ }Ááæ↔æ {æäÁ↔^Á

ĞRáã↔^ÁÓá´ @ |æbÁU↑↔^áÊÁ NÁÖ↔b\~ã]Á~àÁRá↔^æÍÁ Ôã~↑ÁÛ↔^äæã^æbbÁ\~Á
 U\á\æã~ãÊÁ ÇÖãææ*~ã\ÊÁ RÓÊÁ ÚáæÁÑ~^äÁUáææ→}ã↔&á\ÁÓ~↑^á^]EA Uæ´ ~^äÁřã↔^↔^&ÊÁ
 FIIJDEÁ *EÁ ĞGEÁ

HÒæäæã\Á*ÊÁ HČĚÁ

I }↔↔↔^á↑ÁQæ~ÁQ |´æ]ÊÁ UÈÖÈÊÁ ÚáæÁÓá\á~↔↔^ÁÓá |ã´ áÁ↔^ÁRá↔^æÊÁ ÇÔãá^´æbÈ
 \~}^ÊÁ SÓÊÁ Ráãbáá→ÁÓ~^æbÊÁ FIIÍDEÁ *EÁ FEA

^W Ráã←ÁNEÁ S~→ÊÁ Sá\áá^ÁŞÊÁ Óá\´áÊÁ Öæ~ã&æÁREÁ Ráãbææ^ÊÁ Ğá {↔^áÁŌÊÁ Úæ→bÁ
 á^äÁŌ~á^ÁĚÁ Û~ãää↔ä&æÊÁ Óá↔\~ãbÊÁ Óæää↑á^CbÁÓá^áâ~←Á\~ÁÓá↔b\↔^á↔^]Á↔^Á
 N↑æã↔^áÊÁ ÇÖãá^äÁPá*↔^abÊÁ FIIĠDEÁ **EÁ ÍEÍEÁ

\åæÅŞ |ã↔\á^Á\ãääæãbÁá~^&Á\åæÁ´~áb\ÈÁ U↔↑↔↔ãã→]ÉÁ \åæÁÓ^&↔båÁæ^ææá {~ãÁ
 \~Á´~^ {æã\Á\åæÁØ^ä↔á^bÁ\~ÁO~^&æ&á\↔~^á↔b↑Á}ábÁãæb*æ´\æãÁâ]Á\åæÁÔææ´áÁ
 à~ãÁáÁ\↔↑æÈÁ Wæ\Á}áãbÁä↔äÁæã |*\Á↔^Á_F IJGÍÈĜGÁá^ää_F IJHÈIÁ]↔\åÁ\åæÁãæb|→\bÁ
 bææ↑↔^&→]Á^~Á↑~ãæÁàá {~ãáâ→æÁ\~Áæ↔\åæãÁb↔äæÁ\åá^Á âæà~ãæÁ\åæÁà↔&á\↔^&Á
 âæ&á^È^F éÁ

☾ |ã↔^&Á\åæÁ]æããbÁ~àÁá→\æã^á\↔^&Á\~→æãá\↔~^Áá^ää]áãääãæÁáÁ*á\æã^Á
 ~àÁãæ→á\↔~^bå↔*bÁ }↔\åÁ\åæÁØ^ä↔á^bÁ}ábÁää {æ↔~*↔^&Á}á↔´áÁ}ábÁ\~Ááá {æÁáÁ
 ↑á↓~ãÁ↔↑*á^Á |*~^Á\åæÁ↑↔bb↔~^ãã]Áæàà~ã\bÁ~àÁâ~\åÁ´~|^ã↔æbÈÁ ÚåæÁÔææ´áÈÁ
 ↔\Ábææ↑bÁ}æãæÁ↑ |´áÁ↑~ãæÁ}↔↔↔^&Á\~Á↑↔^&→æÁ}↔\åÁ\åæÁØ^ä↔á^bÁá^ää\ãæá\Á
 \åæ↑ÁábÁæ@|á→bÈÁ}á↔↔æÁ\åæÁÓ^&↔båÁ]æãæÁ↑~ãæÁá~~àÌÁãæbæã {æãÁá^äÈÁ~^Á
 ~´´áb↔~^ÈÁä~}^ã↔&á\Áææ´æ↔\à|_F È→^Á Úåæ^Á\åæÁÔææ´áÁá^ääØ^ä↔á^ÁÚåããbÁâæ&á^Á
 ↔^Áæãã^æb\Á↔^Á_F IJÍIÁ↔\Á´á↑æÁábÁ^~Áb|ã*ã↔bæÁ\åá\Á↑~b\Á~àÁ\åæÁØ^ä↔á^Á^á\↔~^bÁ
 á^ää\ã↔æbÁb↔äæãÁ}↔\åÁ\åæÁÔææ´áÁ

ÚåæÁ~æ]Áà↔&|ãæÁ↔^Á\åæÁ||ãâ→æ^Á]æããbÁ}á↔´áÁà~→~}æãÁ}ábÁ|^È
 ä~|â\æã→]ÁUæãáb\↔á^Ábáb→æÈÁ á→b~Á~^}^ÁábÁÄÔá\åæÁbá→æÈÁ]á~Áæb\áá↔båæÁ
 á↔↑bæ→àÁá\ÁŞ~ãã↔ä&æ}~´←Á↔^Á_F IJÍH ÈÁ ÒæÁ}ábÁà→|æ^Á↔^Ábæ {æãá~ÁØ^ä↔á^Á
 ä↔á→æ´\bÈÁ á^Áæ[\ãá~ãã↔^ãã]Á→æáääãáá^áÁá↑↔bb↔~^ãã]Áá\Áåæãã\È^GÁ ÒæÁãæÈ
 *~ã\æãÁ\~Áâ↔bÁb|*æã↔~ãbÁ\åá\Á^Á\åæÁ}á~→æÁ^á\↔~^Á~àÁ\åæÁNá^á↔↔bÁ↔bÁOãã↔b\↔á^Á

→ŞQ|´æ]ÉÁ**ÈÁ IJÈÍÈÁ

→b↑↔\åÈÁ **ÈÁ_F GGÈ_F GĜÈÁ Ø\Á}ábÁ {↔ã\|á→]Á|^åæáääÁ~àÁ à~ãÁá^Á
 Ó^&↔bå↑á^Á\~Á↑ãã]Áá^ÁØ^ä↔á^ÈÁÔ~à^ÁU↑↔\åÁá^áÁŞ~´áá~^|ábÁâæ↔^&ÁããæÁæ[È
 ´æ*\↔~^bÈÁ N↑~^&Á\åæÁÔææ´áÁ~^Á\åæÁ~\åæãÁáá^äÈÁ↑ããã↔á&æÁ\~Áá^ÁØ^ä↔á^Á}ábÁ
 äá {~ãáâ→]Áãæ&ããæãÈÁ Ş^æÁ~àÁ\åæÁ↑~ãæÁáá~|bÁ↑ããã↔á&æbÁ}ábÁ\åá\Á~àÁ\åæÁ
 Nãá~^ÁåæÁOáb\↔^Á Çáà\æãÁ}á~↑ÁOáb\↔æÈÁRá↔^æÈÁ↔bÁ^á↑æãDÁ}á~Á´á↑æÁæ|*↔↔↔|Á
 \~Á↔{æÁá↑~^&Á\åæÁØ^ä↔á^bÈÁ àæ→Á↔^Á~{æÁá^áÁ↑ããã↔æãÁ\åæÁää|&á\æãÁ~àÁUá´áæ↑Á
 Ráã~´á}á^ääÈÁ ÄÒ↔bÁ↔→æÁá^äÁæ[á↑*→æÁ↑ããæÁæáb↔æãÁ\åæÁ}~ã~Á~àÁ´~^ {æã\↔^&Á
 \åæÁØ^ä↔á^bÁ\~ÁOá\á~↔↔↔b↑ÈÁÁÔ~à^ÁUæããääÈÁŞæ}ÁÓ^&→á^áÁU~ãbã↔*bÈÁ ÇŞæ}ÁW~ã~ÈÁ
 Þá^á~↑ÁÔ~|bæÈÁ FÍIJDÈÁ *ÈÁ GGIÈÁ

_F GQ|´]ÉÁ**ÈÁ_F GÈFGÈÁ ÄÞáb→æÁÁá→b~Áb*æ→æãÁÄÞá→æÈÁ

á^ää{æá}Á~æá~|bÁ\~Á*|ãb|æÁ\áæ→ääãæ→&←~ÈÄFGÁ Û↔\áÁ\áæÁÓ^&→báÁ↔È
 \æãæb\æää↔Áà|ã\áæääæ[*→~↔↔&Á\áæÁ^á|ää→Áãæb~|ã'æbÁ~àÁ\áæÁääæáá^ää
 Páb→æÁ'~^{\↔'æää\áá\Áá→Á~àÁRá↔æÁã↔&á\à|→]Áâæ~^&æää\~ÁÔää^'æÉÁ\áæÁ
 b\á&æÁ}ábÁbæ\Áà~ääáá'~^à→'\Á}á↔'áá'~b\ÁÓ^&→báÁbæ\|→æãbÁ~{æääI|J€€Á→{æbÉÁ
 }á↔→æÁ↔\Áæääè'\↔{æ→]Áãæä|'æää\áæÁØ^á↔á^Á*~*|→á\↔~Á~àÁRá↔æÁ\~Áâæ'~↑æÁ
 ↑æääÁ}ääãbÁ~àÁRábbá'á|bæ\|bÈ^FHÁ ÚáæÁâ↔\|æääæ*↔b~ääæ'á↑æÁ\~Áá^Ááää|*\Áæ^ää
 }áæ^Áááää↑~|bÁää↔ää|*~^ÁS~ää↔ä&æ}~'←Áãæb|→æää↔^ÁPáb→æCbÁääá\áÁábÁ}æ→ÁábÁ
 \áæÁäæ*ää|\ãæÁ~àÁOá\á~→*↔b↑Áää~↑ÁRá↔æÁà~ää\áæÁ^æ[\Ábæ{æ^\}È↔{æÁ
]æääbÈ^FIA ÚáæÁ^á|ãæÁ~àÁ\áæÁ'á|ã'áá↔ÁRá↔æÁ}ábÁää↔'á→]Á'áá^&æääábÁáá
 ãæb|→Áá^ää\áæÁ'~↑*æ↔↔↔~Áà~ääb~|→bÁâæ'á↑æÁ~^æÁâæ\}ææ^Á\áæÁOá|ã'áá~àÁ
 Ó^&→á^ääá^ää\áæÁ\$|ã↔\á^bÁ~àÁ\áæÁRábbá'á|bæ\|bÁÑá]ÁO~→~^]ÌÁ\áæÁ→á\|æääáá{\↔^&Á
 \áæÁ~æá~|bÁæ&æÁ↔^Á\áæÁ'~^\æb\IA

ÚáæÁ\$|ã↔\á^bÁ}↔báæää\~Áà|→↔→Á\áæ→ää~ã↔&↔^á^Ááb*↔ää\↔~^bÁà~ääÓ^&→á^ää
 ↔^Á\áæÁN↑æ↔'á^Á'~→~^↔æbÉÁ Úáæ]Á}á^\æää\~ÁbææÁáÁ*|ã↔↔æääÖ~b*æ→Á
 á**→æää\~Á\áæÁ→{æbÁ~àÁ↔'á↔{↔|á~bÉÁ Úáæ]Á}á^\æääáá'~↑*~æ\æÁãæ~ã↑áÈ
 \↔~Á~àÁ\áæÁ'á|ã'áÈ Úáæ]Á}á^\æääb~'↔æ\]Á↔^Áá→Á↔\bÁæ[*ãæbb↔~^bÁ\~Á
 &→~ã↔]ÁÓ~ääÈ^FIJA

ÚáæÁ→á'←Á~àÁãæ→&←~|bÁã↔{æãb↔\]Á}á↔'áÁãæb|→æääää~↑Á\áæÁ\$|ã↔\á^Á
 æ^\ãæ^'á↑æ^\Á↔^Á\áæÁ~ã\áæã^Á Cä↔b\ã↔'\CÁ~àÁRábbá'á|bæ\|bÁ*ã↔~ää\~Á\áæÁ
 Q|\áæää^Áæ↑↔&ää\↔~^Áää~↑ÁUá[~^]Á↔^Á\áæÁ]æääbÁà~→~}↔^&Á^FIH€Á}ábÁ~^→]Á

^F ĞÒæâæã \ ÊÁ*ÈÁ H€HÈÁ

^F HÒæâæã \ ÊÁ*ÈÁ H€₁ ÈÁ Š^'æÁOááã→æbÁOÁ~àÁÓ^&→á^ääááääâææ^Áâæáæääæää↔^Á
^F IJHÌ ÈÁ\áæÁ\$|ã↔\á^bÁ|'ääääÁOã~↑|æ→Á\~←Á'~^\ã~→Áá^ääã|ã↔^&Á\áæÁ*æã↔~ää
^F IJGÈ^F IJHÌ Á\áæÁb\á\æÁ'á↑æÁ|^ääää'~^\ã~→Á~àÁRábbá'á|bæ\|bÈÁ Ó{æ^Á}↔\á\áæÁ
 áb'æ^ää^']Á~àÁOááã→æbÁØÈÁ á^ää\áæÁ↔^á↔&æ~|bÁ'→á~ääà~ääã|→æÁ]ÁRábbáÈ
 'á|bæ\|bÁ\~Áâæää↑~{æääÈ\áæÁá~→ää~àÁ\áæÁ\$|ã↔\á^bÁ~^ÁRá↔æÁ→áb\æää|^↔→Á
 b\á\æã~ää}ábÁà↔'á→]Á&ää^\æääábÁ*ää\Á~àÁ\áæÁR↔bb~|ã↔Á'~↑*ã~↑↔bæÁ~àÁFÎGÈÈÁ
 U↑↔\áÈÁ**ÈÁ Ī₁ ÈĪĪÈÁ

→UÒæ^ã]ÁU'á|]→æääÈÁ ÄN*~b\→æÁ~àÁ\áæÁNâæ^á↔↔ÈÁÁ ÚáæÁOá\á~→*ÁO↔b\~ã↔È
 'á→ÁPæ{\↔æ}ÈÁ ØÁ^F ĪF€DIA^F ĪĞÈFĪHÈÁ

F IJJS→→ÈÁ *ÈÁ ĞĞÈÁ

'áá→æ^&æáÁâ]Á\áæÁááã↔{á→Á~àÁbæ{æáá→Á&ã~|*bÁ~àÁU'~\`áËØã↔bÁÁŞãæbâ]Ë
 \æã↔á^bÁ|^äæáÁ\áæÁä↔æ'↔~^Á~àÁO~→~^æ→ÁÇá{↔äÁÇ|^ááãËË Òá{↔^&Ááææ^Á
 á**~↔^ \æáÁÄU|á{x}~ãÁ~àÁ\áæÁP↔^&CbÁÛ~~äbÁá^áÄÖ~{æã^~ãÁ~àÁ\áæÁŞã~{↔^'æÁ~àÁ
 Öæ~ã&æËÁ á→b~Á'á→æáÁUá&áã~á~'ÁÁ Ç'~áb\á→ÁáãæáÁ↓|b\Á^~ã\á~àÁŞ~ã\→á^áËÁ
 ã↔^'↔→æÁ'↔↔↔æbËÁ Ñã|^b}↔^←Áá^áÄÑã\áDÁ↔^Á F ÍGÍÁâ]ÁP↔^&ÁÖæ~ã&æËÁ ØËÁ Ç|^ááãÁ
 '~^àæbbæáÁ^áá^'á&~^↔^æáÁŞ|ã↔\á^Á'~^'ã~→Á à~ãÁ\áãæá]æáábÁâæà~ãæÁáæÁ}ábÁ
 äæ*ã↔{æáÁ~àÁá↔bÁ~àè↔'æbËÁ ä|æÁ↔^Á→áã&æÁ↑æáb|ãæÁ\~Á\áæÁ↔^ \æ^bæÁ→~ââ]↔^&Á
 æàè~ã\á~àÁ\áæÁRábbá'á|bæ\|bÁá|\á~ã↔↔↔æbÁ↔^ÁÓ^&→á^áËËÍÁ Øã~^↔^'á→]ËÁ↔^Á
 }ábÁ~^æÁ~àÁ\áæÁ→æáäæãbÁ~àÁ\á↔bÁæàè~ã\Á\~Áã↔äÁRá↔^æÁ~àÁÇ|^ááãCbÁ↔^à→|æ'æÁ
 }á~Á}ábÁ\~ÁâæÁ\áæÁ*ã↔^'↔*á→Á*→á]æá↔^Á\áæÁæàè~ã\Á\~Áãã↔^&Á\áæÁàèãb\Á
 Q|\áæá^bÁ\~Á\áæÁáãæáÍÁ Öæ^æáá→ÁUá↑|æ→ÁÛá→ä~ËÁÖ~{æã^~ãÁÑæ~'áæãCbÁá↔&áæb\Ë
 äá^↔^&Á↑↔↔\áã]Á~àè↔'æãË F ÍÁ

Ú|~Á~\áæáÁãæ→&↔~|bÁ&ã~|*bÁb~|&á\Á\~Á↑á~æÁ↔^ã~áábÁ↔^Á\áæÁb*↔ã↔\|á→Á
 ↑á\ã↔[Á~àÁRá↔^æÍÁ \áæÁT|á←æãbÁäã~↑ÁFJWJË F JWGÁá^áá\áæÁÑá*\↔b\ááã~↑Á F JË GË
 F JËHË ËÁ Ñà\æáÁâã↔æàÁ\~→æáá\↔~^Áâ|\Áã↔&↔äÁãæà|bá→Á\~Á*æá↑↔^Á\áæÁT|á←æãbÁá^]Á
 ↔^ã~áábÁ\~Á\áæÁáæáã\á~àÁRá↔^æãbËÁ \áæÁ CU~'↔æ\]Á~àÁÖã↔æ^ábCÁ→æà\Á\áæÁb\á\á
 ^~\Á\~Áãæ|\á^Á~ãÁ↑~ãæÁ\áá^ÁáÁ'æ^\|ã]ËËÍÁ ÚáæÁÑá*\↔b\áCÁbã~ã\Áb\á]Á↔^Á\áæÁ
 P↔\|æã]ÁáãæáÁãæb|→\æá↔^Á\áæ↔á↑~{↔^&Á\~Á↑~ãæÁ\~→æáá^'Á'→↑æbÁ↔^Á
 Oááã→æb\~^ËÁU~|\áÁOáã~→^áËÁ}áæãæÁ\áæ]Áà~|^äæáÁ\áæÁàèãb\ÁÑá*\↔b\ÁOá|ã'áá
 ↔^Á\áæÁb\á\æËÁ

FÍb↑↔\áËÁ **ËÁ FÍGËFÍÇËÁ

F Í Öáb*æáÁÖá'~âÁU\áá→ËÁ Ò↔b\~ã]Á~àÁŞ→äÁÑã~ááÁÑá]Áá^áÁUá→ä~â~ã~ËÁ
 Ü~→|↑æÁ F ÍÁ ÚáæÁO~→~^↔á→Á á^áÄÖæááá→ÁŞæã↔~äbËÁ ÇÖæá↑á^ÁŞã~\æb\á^'ÁU~'↔æ\]Á
 ~àÁUá→á~â~ã~ËÁ ROËÁ \áæÁÑ~^áÁUáææ→}ã↔&á\ÁO~↑*á^]Á~àÁŞ~ã\→á^áËÁ F ÍJIDËÁ
 **ËÁ GHËGHÍËÁ

F ÍÖæãæã\ËÁ*ËÁ HÇ↑ ËÁ

From this seed, planted by a man from Maine, all the Baptist Churches in the South developed, until the denomination became the largest and most powerful in that part of the country.²⁰

Lest one leave this period of the development of the church in Maine with a distinct distaste for Puritanism (perhaps typified by H. L. Mencken's definition of a Puritan as "a person in constant dread that someone somewhere might be happy."²¹ given its radical approach to establishing the church of God on earth, it may be well to mention among their many attributes the Puritans' devotion to family and community, their understanding of evil, God's grace and the complexity of human existence, and their deep and continual yearning for the things of the spirit.²² In the pursuit of establishing the perfect church-state, it was readily acknowledged that fallible human beings could never hope to achieve this goal. Therein lay Puritanism's greatest paradox; trying to attain an unattainable goal. In the end, the 'Puritan Dilemma' was resolved by recognizing that the Massachusetts Bay Colony "could not longer hope to evangelize the world . . . but that she could at least try to save the strangers whom God deposited on her shores."²³ Maine therefore had the good fortune to be just far enough from the center of Puritanism to avoid some of the excesses experienced further south. Maine was to see no

²⁰ Ibid., p. 408.

²¹ Noll, p. 31.

²² Daniel J. Boorstin, The Americans; The Colonial Experience, (New York, A Caravelle Edition, Vintage Books, A division of Random House, 1958), pp. 29-31

²³ Edmund S. Morgan, The Puritan Dilemma; The Story of John Winthrop, edited by Oscar Handlin, (Boston, Little, Brown and Co., 1958), p. 189.

} ↔ \ ' á Á \ ã ↔ á → b Ê Á T | á ← æ ã Á á á ^ & ↔ ^ & b Ê Á ~ ã Á Ñ á * \ ↔ b \ Á á á ^ ↔ b á ↑ æ ^ \ b Á Ç á æ b * ↔ \ æ Á b ~ ↑ æ Á
 æ à à ~ ã \ b Á ↔ ^ Á \ á æ b æ Á ä ↔ ã æ ' \ ↔ ~ ^ b D Á á ^ ä Á \ á | b Á \ á æ Á b æ æ ä b Ê Á ~ à Á } á á \ Á } á b Á \ ~ Á á æ Ë
 ' ~ ↑ æ Á á ^ Á á ↔ ã Á ~ à Á ã æ × & ↔ ~ | b Á à ã æ æ ä ~ ↑ Ê Á á æ & á ^ Á \ ~ Á \ á ← æ Á ã ~ ~ \ Á } á ↔ ' á Á * ã æ * á ã æ ä Á
 \ á æ Á } á] Á à ~ ã Á \ á æ Á à ↔ ã b \ Á Q | \ á æ á á ^ Á ' ~ ^ & ã æ & á \ ↔ ~ ^ Á ↔ ^ Á á → Á ~ à Á S æ } Á Ó ^ & → á ^ ä Á \ ~ Á
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CHAPTER II
THE FIRST LUTHERANS AND THE FIRST LUTHERAN CHURCH
IN NEW ENGLAND: WALDOBORO; 1741-1860

When General Samuel Waldo first contemplated bringing Saxon Germans to Maine, the American scene was undergoing radical changes. The fourth decade of the eighteenth century saw the advent of the "Great Awakening" with fiery itinerant preachers like Theodore Jacob Frelinghuysen, Gilbert Tennent, Jonathan Dickenson, and the great George Whitefield, conducting what amounted to the first evangelistic caravans from New England to Georgia.¹ During his New England tour of 1740, Whitefield got as far north as York, Maine, and daily addressed crowds up to 8,000 for a month straight.

It was probably the most sensational event in the whole history of American religion . . . There were hundreds for whom the sole important question had become 'What must I do to be saved?'²

It was not long before the American religious scene had become one of two camps; the 'New Lights' who favored the heady revival and the 'Old Lights' who "were shocked by the sight of ignorant men screaming damnation and of the masses of people wallowing in terror or ecstasy."³

¹William Warren Sweet, The Story of Religions in America, (New York, Harper and Brothers Publishers, 1930), pp. 110-114.

²Mark A. Noll, et al., editors, Eerdman's Handbook to Christianity in America, (Grand Rapids, 1983), p. 106.

³John M. Blum, et al., The National Experience, (New York, Harcourt Brace and World, Inc., 1963), p. 61.

Õ~^á\áá^ÁÓä}áääbÁæ†æã&æäÁábÁ \áæÁ´~ØØFØFá^ä^&Á\áæ~→~&↔´á→Á↑~|\á^*↔æ´æÁ à~ã Á
 äæ{↔{á→Á}á↔↔æÁOáää→æbÁOáá | ^´æ]Á\~~←Á\áæÁää\↔~^á→Á CŠ→ääQ↔&á\CÁ *~b↔\↔~^Á
 \~Á↔\bÁ→~&↔´á→Áæ^äIÁ äæ^]↔^&Á\áæÁb|*æã^á\|ää→Áá→\~&æ\áæãÉÁ bæ\|\↔^&Á\áæÁ
 b\á&æÁ à~ääÛ^↔\áää^á↔b↑ÉÁÛ^↔{æábá↔↔b↑Áá^ääÇæ↔b↑ÉÁ á^ää´ääá\↔^&ÁÁ\áæ~→~&]Á
 }á↔´áÁ^ææääÁ^æ↔\áæääOáää↔b\Á^~ää´→æã&]↑á^ÈHÁ

Š\áæää}↔^äbÁ}æææÁá→b~Áâ→~}↔^&Áää~↑Áá´ã~bbÁ\áæÁbæääÉÁ Ô~ää~^æÉÁ\áæÁ
 ~|→á\↔~^Á~àÁN↑æã↔´áÁ}ábÁ↔^´ääæb↔^&Áá\Áääæá\áÈ\á↔↔^&Áb*ææääÉÁ ÚáæÁ
 ´~→~^↔→Á^*~*|→á\↔~^Á↔^ÁF_WÉÁæb\↔↑á\æääÁ\ÁÍ₁ÈÈÈÁääá´áæääÁÇÈÈÈÈÈÈÈÈÈÈÁÁ
 ´æ^\|ä]Á→á\æääÉÁ O↔\↔æbÁ↔^Á\áæÁSæ}ÁÛ~ã→ääã↔{á→æääá→Áá|\ÁQ~^ä~^Á↔\bæ→ää
 ↔^Áb↔´æÁá^ää´~↑*→æ[↔\]Áá^ää\áæÁ{æã\]Á^á\|ääÁ~ää\áæÁ↔^↑↔&ää\↔~^Á^á\|æã^bÁ
 ^æ´æbb↔\á\æääÁÁ↑~{æÁ\~}áääÁ&ääæ\æää\~→æää\↔~^Áá^ää\^ääæb\á^ä↔^&ÉÁ Ç~ÈÈÁ
]æääÁFÍÇIÁbá}Á\áæÁáä{æ^\Á~ää\áæÁU~´↔æ\]Á~ääRæ\á~ä↔b\BÁ|^ääää\áæÁ
 æ^æã&æ\↔´Áä↔ææ^\↔~^Á~ääÕ~á^ÁÛæb→æ}ÉÁ}á~Á´á*↔\á↔~æää~^Á\áæÁÖää\Á
 N]á~æ^↔^&CbÁ^*~↑~\↔~^Á~ääää↔b´~^\æ^\Á}↔\áÁ↑á^]Á~ää\áæÁæb\áâ↔↔bæää´á|ã´áÁ
 â~ä↔æbÈ^{IA} Ñ]ÁFÍÈÉÁQ|\áæää^bÁ Ç\áæÁà↔äb\Ááá{↔^&Ááää↔{æääà↔à\]Èbæ{æ^Á
]æääbÁæää↔↔æääää~↑ÁÖæá↑á^]Ááâ~ääää\áæÁ&~ääbá↔*ÁÄO~^´~ääÁDÁ á~ääää]Á
 ´~↑*ã↔æää\áæÁà↔à\áÁ→áää&æb\Á´á|ã´áÁâ~ä]Á↔^ÁN↑æää´áÁ}↔\áÁI^{IA}´~^\&æ&áÈ
 \↔~^bÁ~|\Á~ääáÁ\~\á→Á~ääFFÍJÁ~^Á\áæÁæ^\↔ääÁ´~^\↔^æ^\È^{MA} N^ää\áá^←bÁ\~Á
 \áæÁæ´~^~↑↔´Áâæ^æ↔\bÁáää~ääæääÓ^&→á^ääÁ]Á\áæÁ´~→~^FæbÉÁÖæ~ã&æÁØÁæ^È
 ´~|\ää&æääÀ|ã\áæääæ↑↔&ää\↔~^ÉÁ b↔&↔^&Áá^Áá^\Á&ää^\↔^&Áá|→Áää&á\BÁ~ää

HFâ↔ääÈÉÁ **ÈÁ NFÈMÍÁ

¹ N→ääæääÁRá]æääÉÁÈÈÈÁÖääääÁÓ|ã~*áæ↔b´áæääP|→\|ääÈÖæ↑æ↔^b´ááà\Á↔^Á
 Úæääæb↔æá\æ^ÉÁF₁ÈÈÈF₁ÈÈÈÁÇR|^↔´áÉÁOá^b\ÁPæ↔^áää\ÁUæã→á&ÉÁF₁I₁IDEÁÉÁF₁EÁ

^M S~→ÉÁ^ÉÁ ÍÍÉÁ

'↔\↔~æ^bâ↔*Á\~Áá→Áãæ↔&↔~|bÁ↑↔^~ã↔\↔æbÁ↔^Á\âæÁ→á^ãÁæ['æ*\Áà~ãÁ
 Oá\á~↔↔~bÊÍÁ Úá|bÁà~ãÁŞã~\æb\á^~\bÊÁT|á↔æãbÁá^ãÁÖæ}bÁ↔^Á\âæÁŞ→ãÁÛ~ã→ãÊÁ
 \âæÁŞæ}ÁÛ~ã→ãÁ}ábÁâæ&↔^↔^&Á\~ÁâæÁãæ'~&^↔~æãÁà~ãÁ}áá\Á↔\Á}ábÁ\~Áâæ'~↑æÁ
 ↑~b\Ááá↑~|bÁà~ãÊÁáÁ→á^ãÁ~àÁ~**~ã\|^↔\]ÊÁ↔^á|b\ã|Áá^ãÁ\~→æãá\↔~^ÊÁ
 O~^ã↔\↔~^bÁ↔^Á*áã\~bÁ~àÁÓ|ã~*æÊÁ\âæÁÖæ^á^Áb\á\æbÁ↔^Á*áã\↔~|→ããÊÁ
 ááãÁâæ'~↑æÁb~Á↔^~→æãáâ→æÁ}↔\áÁ\âæÁáá{æ^Á~àÁ\âæÁ*→á&|æÊÁ\âæÁ'~^↔~|æãÁ
 |^ãæb\Áà~→~}↔^&Á\âæÁ&ã|æb~↑æÁÚá→ã\]ÁWæããbÁÚáãÊÁá^ãÁ\âæÁb~'↔~á^Á^ãÁ
 ãæ↔&↔~|bÁ*æãbæ'|↔~^Á}á↔^ááà~→~}æãÊÁ\áá\Á↑á^]ÁÖæ^áÊ^Áb*æã↔^&Á*æ~*→æÁ
 }~|→ãÁáá{æÁã~^æÁ↑~b\Áá^}|\á↔^&Á\~Áæb'á*æÁ\~Á\âæÁáá{æ^Áá'ã~bbÁ\âæÁbæãÊÁ
 €|ã↔^&Á\âæÁ*æã↔~ãÁFŮ|ĜĚFÍGÍÁá~^æÊÁ~{æãÁGĚĚĚĚÁÖæã↑á^bÁæ↑↔&ãá\æãÁ\~Á
 Şæ^b}→{á^↔áÎ ÍÁ \âæÁà~ãb\Á~àÁ\âæ↑Á'á^↔^&Ááá~áããÁ\âæÁá**ã~*ã↔~\æ→]Ě
 ^á↑æãÁĀO~^'~ããÊÁÁ Ø^Á\âæÁ*æã↔~ãÁFÍĚĚFÍĚĚÁ\âæÁ|^↑áæãÁ~àÁQ|\âæãÁÁ'~^&ãæĚ
 &á\↔~^bÁ↔^ÁN↑æã↔^áÁ↓|^↑*æãÁàã~↑Ábæ{æ^Á\~Á^↔^æ}Ěà↔{æÁá^ãÁ\áá\Á~àÁ\âæÁ
 Öæã↑á^Ábæà~ã↑æãÁOá|ã'áÁàã~↑Á'æã~Á\~Áà~à\]Ě~^æĚ ÍÁ S~\Á~^æÁ~àÁ\á~bæÁ
 'á|ã'âæbÁ}ábÁ↔^ÁRá↔^æÊÁ Úáá\Á}ábÁb~^Á\~Á'áá^&æÊÁ

ÍŞ|â↔~á\↔~^Á~àÁ\âæÁN↑æã↔^á^ÁÖæ}↔bÁÁÖ↔b\~ã↔^á→ÁÛ~'↔~\]ÊÁS|^↑áæãÁFĚÁ
 G^áÁæã↔\↔~^ÊÁFÍĚĚÁ**ĚÁTHELÍIAAN^AN^|Áà~ãÁŞá\|ãá↔~^↔^&ÁU|^'ã~ãæ↔^Á
 Şã~\æb\á^~\bÁá^ãÁ~\âæãbÁ\âæãæ↔^Á^æ^|\↔~^æãÊÁábÁáãæÁbæ\\→æãÁ~ãÁbáá→Ábæ\\→æÁ
 ↔^Áá^]Á~àÁÖ↔bÁRá↓æb\]CbÁ'~→~^↔~æbÁ↔^ÁN↑æã↔^áÊÁÁÇÚáá^b'ã↔~æãÁ→æ\\æãÁà~ãÁ
 →æ\\æãÁàã~↑Á\âæÁ~ã↔^↔^á→ĚcÁ Ø^æãæb\↔^&→]ÊÁ\âæbæÁ*ã~{↔b↔~^bÁ'áãæã|→]Á
 æ[\æ^ãæãÁb|^áá'↔\↔~æ^bâ↔*Á\~ÁÖæ}bÁ↔~{↔^&Á↔^ÁN↑æã↔^áÊÁ}á↔~æÁæ['→|^á↔^&Á
 \âæ↑Áãã~↑Á\âæÁbá↑æÁ*ã↔~{↔~æ&æÁ↔^ÁÓ^&→á^ãÊÁ

Í Öá↑æbÁÚã|b~}ÁNáá↑bÊÁÚáæÁÓ*↔^Á~àÁN↑æã↔^áÊÁ ÇŞæ}ÁW~ã↔^ÊÁÚã↔^á^&→æÁ
 Ñ~~bÊÁ Fí ĜFDĚÁ*ĚÁ ĽĜĚÁ UææÁá→b~ÁÖĚÁNEÁ X↔^áã↑á^ĚÁÚ↔æãá|^áæã\ÁÓááãæÁ
 N↑æã↔~á^↔b'áããÊÁÖæb'á↔^á\æÊÁ ÇR↔~}á|↔~æÊÁÖæ~ĚÁÑá|^↑áæãÊÁ Fí ĽĜĚÁ*ĚÁ TĚĚÍĚÁ

í S~→ÊÁ*ĚÁ í ÍÁ

Ø\Á↔b\ã↔↔^ÊÁ↔{æ^Á\âÁQ|\âää^Á↔^æääb\Á↔^Á\âÁ*áb\ÊÁ\á\Á}æÁ
 ä~Á~\ÁâääÁ↑~ää~àÁ\âÁÔ↔äb\ÁQ|\âää^bÁ↔^Ásæ}ÁÓ^↔→á^ääá^ää\â↔ää
 Q|\âää^Á^á|ã^âÁ↔^Ásæ}ÁÓ^↔→á^ääÇ\â↔ääÁ~→äæb\Á^á|ã^âÁ↔^Áá→Á~àÁRá↔^æDÊÁ
 Ú↔bÁ}ábÁáÁ^| ^ääää}æääbÁâæà~ää\âÁà↔↔â\Áää~↑Á\âÁbá↑æÁääää~àÁÖää↑á^]ÊÁ
 ã~↑\æää]Á\âÁŞã|bb↔^ÁÛ^↔^ÊÁ bá}Á\âÁ*↔↔æbÁ~àÁRáã\↔^ÁU\æ*ää^ÊÁÖ~á^Á
 Q~ææÁá^âÁOÊÁ ÔÊÁ ÙÊÁ Ùá→\âää^à↔äb\Áb\æ**↔^Á|*~^Á\âÁbá~ääbÁ~àÁ\âÁ^æ}Á
 Q|\âää^ÁÄX↔^Á~^Á\âÁR↔bb↔bb↔*↔^ÊÁ ÚáæÁ^b}æää\~Á\âÁá*^ää^Á↔bE
 ↔^æääb\Á}~|→ääbæ↑Á\~Á↔↔æÁ↔^Á\âÁ→á^↔~àÁ^~^äæbb↔^á→Á↔^æã↔\]Á↑~^&Á
 \æbæÁà↔äb\ÁQ|\âää^Á↔^ÁRÊ↔^ÊÁ*ää\↔|→ää]Á}↔\âää&ää\~Á\âÁQ~ääCbÁ
 U|**æÊÁâ|\Á↑~ää~^Á\á\Á→á\æÊÁ

N→\â~|âÁÖæ^æää→ÁÙá→ä~ÁääÁääää^æää~ää\âÁà↔äb\Ábæ\|→æääb\~Á
 áää↔{æÁábÁæää→]ÁábÁFÍHFÁá^ää\âÁà↔äb\ÁR↔↔b\æää~àÁ\âÁÖ~b*æÊÁŞ↔↔*Á
 Ö~\|ää↔æääPáb\Á\~Ábæ{æÁ\â↔^Á}ÁFÍHGÊÁ}~ää↔*Á}ábÁ↔ää&|→ääÊÁ Ú}~Áää^~\~ábÁ
 ↔^à→|æ^æää\â↔bÁ↔ää&|→ää↔\]ÌÀ à↔äb\ÊÁ áÁ\â↔{↔^Á\~}^Á~↑*↔\æÁ}↔\á
 àää\↔↔ÊÁ^→æääääà↔↔äbÁá^ää↑æbÁääää]Á\~Á↑~{æÁ↔^~\Á}ábÁ^~\Á^æää→]ÁábÁ
 äæ→ÁábÁ\âÁ&~~ääÖæ^æää→Áääääæb^ã↔âæÊÁ á^ääbæ^~^ääÊÁ\âÁääää^æ↑æ^bÁ
 á&ææää\~Á]ÁPáb\Á}ææÁ^~\Á↔{æää|*Á\~Á]ÁÙá→ä~ÈFÊÁ ÚáæÁb~|↔^Á}ábÁ
 \á\Á\âÁbæ\|→æääb*æ^Á^æää→]Áá→Á\â↔ää\↔↑æÁ^→æää↔^Á\âÁ→á^ää}á↔æÁ
 Páb\Áæ|\^æÁ\~ÁÑ~b\~^Áá^ääb|æääÙá→ä~Áà~ääääæ^áÁ~àÁ^~\ää^]ÍÁ^~\Áá^Á
 á|b*↔↔|bÁâæ&↔^↔^Ê Ø ØÁ

→SÕáb*æääÖá^~âÁU\áá→ÊÁ Ô↔b\~ã]Á~àÁŞ→ääÑ~ääÑÁ]Áá^âÁÙá→ä~â~ä~ÊÁ
 Ü~→|↑æÁOÊÁ ÚáæÁO~→~^↔→Áá^ääÖæää→AŞæ↔↔äbEÁ\âÁOæ↑á^AŞã~\æb\á^Á
 U~↔æ\]Á~âÁÙá→ä~â~ä~ÈARá↔^æÇŞ~ã\→á^âEÁROÊÁ ÚáæÁÑ~^âÁÙáæ→}ã↔&á\ÁO~↑*á^]ÊÁ
 FÍJIDÊÁ **ÊÁ FFHÉFFIEÁ

→Ôääææ↔^↔^ÊÁ Şá]^æÊÁ ÄFÍÍGÈFÍÍGÌÁ G€€\âÁN^↔{æää}ÊÁŞ~ääÖæ^á^Á
 Oá|ã^âÊÁ á^âÁRæ\↔^ÁÔ~|bæÊÁÁQá↔æbÁN| [↔↔ää]Áá^ää\âÁÙá|b\æbÁ~àÁ\âÁ
 Öæ↑á^ÁŞã~\æb\á^ÁU~↔æ\]Á~âÁÙá→ä~â~ä~ÈARá↔^æÊÁ\â↔ää^á&æÇ*á&æbÁ|^E
 ^|↑âæææDÊÁ

A layman, John Ulmer took up the work of establishing a church and, in 1743, a large log cabin had been built to serve as a church and a block house. This enterprise also met with disaster when the renewed French and Indian Wars saw a major attack upon Waldoboro in 1746 resulting in most of the German settlers being killed and the church destroyed.¹² From 1746-1748 there were no worship services at all.

The next major group of settlers, again inspired by Waldo, arrived from Saxony in November of 1748, having been told the same story about the homes and fields just waiting for occupants. This subtle, or not so subtle, misrepresentation of the prevailing conditions is confusing. Many Germans were eager to leave their homeland and certainly willing to endure most any hardship to do so. Why then this less than honest enticement to get them to come? The quality of the settlers certainly seems to indicate that they would have come even if they had been fully forewarned about the initial hardships they would face. So why did Samuel Waldo, an honorable man by all reports, provide unfounded inducements when they were not even necessary? Jaspas Stahl, the leading authority on Waldoboro, suggests Waldo was representing what he anticipated would actually be there'.¹³ Ironically, precisely the same misrepresentation also prompted the Swedes a hundred and thirty years later to settle in maine and establish the Lutheran settlement of New Sweden.

¹²Marion Jacques Smith, A History of Maine, (Freeport, ME, the Bond Wheelwright Company, Second Printing, 1960), p. 180.

¹³stahl, Vol. I, p. 125.

N↑~^&Á\áæÁ\á↔ã\]Á\~Áà~ã\]Ááà↑↔↗æbÁ´~↑ã↔b↔^&Á\áæÁ&ã~|*Á→á^á↔^&Á
 á\ÁÑã~áãÁÑá]Á↔^ÁFÍHÍÁ}ábÁáÁ´~|*→æÁ´á↑æáÁÒ→\~**→æÁ Cb↔´LD→HÁ }↔\á~|\Á
 }á~bæÁ\á→æ^\bÁá^ääææ*ÁOáã↔b\↔á^Á´~↑^↔\↑æ^\Á↔\Á↔bÁã~|á\à|→Á\áá\Áá^]Á~àÁ
 \áæÁ&ã~|*Á}~|→ääáá{æÁb|ã{↔{æáÁ\áá\Áà↔æb\Áá}à|→Á}↔^\æãÈÁ Éá{æÁÒ→\~**→æÁ
 }ábÁáÁ´áã*æ^\æãÈæ[\ãá~ãã↔^á↔æÈÁ á^ääáæ~ãæÁ\áæÁ}~ãb\Á~àÁ\áæÁ}↔^\æãÁááÁ
 bæ\Á↔^ÁáæÁáááÁâ|↔↔\ÁáÁá~|bæÁá^ääÁÁb↔[\]Èà~~\ÁbáæãÈÁ Ø^\~Á\áæbæÁ\}~Á
 â|↔↔á↔^&bÁáæÁá^ääÁ↔bÁ}↔àæÁ*ã~´æææáÁ\~Áá´´~^↑~ää\æÁæ{æã]~^æÁ}á~Á^æææáÁ
 áÁ*→á´æÁ\~Áb\á]Áà~ãÁ\áæÁá|ãá\↔~^Á~àÁ\áæÁ}↔^\æãÌÁ áÁàæá\Á~àÁæ*↔^Á*ã~*~ãÈ
 \↔~^bÈ Ø UÁ On ~^æÁ*áã\↔´|→áã→]Á´~→ääÁá^ääb\~ã↑]Á^↔&á\ÁáÁ]~|^&Á↑~\áæãÈÁ
 áá{↔^&Á↓|b\Á→~b\ÁáæãÁá|bâá^ääÁ^ääàæáã↔^&Áà~ãÁ\áæÁ↗àæÁ~àÁáæãÁbæã↔|b→]Á
 ↔→Á´á↔↔æÈÁã|báæáÁ\~Á\áæÁÒ→\~**→æÁá~|bæÁ~^Á\áæÁá↔→Á^~\Á←~}↔^&Á}áá\Á
 æ→bæÁ\~Áã~ÈÁ ÚáæÁá~↑æÁá^ääbáæáÁ}æãæáá~æãáá]Áà↔→æáÁ\~Á~{æãà~}↔^&Áá^ää
 Éá{æÁ&æ^\→]Á|ã&æáÁá↔bÁ}↔àæÁ\~Á\|↑Á\áæÁ]~|^&Á}~↑á^Áá}á]ÈÁ Ø↔bÁ}↔àæÁ\|ã^æáÁ
 \~Áá↔^Áá↔^↑]Áá^ääÁæ´→áãæáÁb~à\→]ÈÁ ÁÚáæ]Á\|ã^æáÁRáã]Ááã~↑Á\áæÁØ^^ÌÁ}~|→ää
]~|Áã~Á↗↗æ}↔bæLÁÁ Sææ→æbbÁ\~Ábá]ÈÁ áÁb*~\Á}ábÁà~|^ääà~ãÁ\áæ↑Áâ]Á~^æÁ~àÁ
 \áæÁà↔æ*→á´æbÈÁ ÚáæÁ]~|^&Á}~↑á^Áá↔æáÁâ|\ÁáæãÁ↗\↗æáâ~]Áâæ´á↑æÁ↗↗æÁáÁ
 b~^Á\~Á\áæÁÒ→\~**→æbÁá^ää→á\æãÁ↑~{æáÁ}↔\áÁ\áæ↑Á\~ÁU~|\áÁOáã~↗^áÁ}áæãæÁ
 \áæ]Á↗{æáÁ~|\Á\áæ↔ãÁãæ↑á↔^↔^&Á}æáãbÈFIJÁ

Éá{æÁÒ→\~**→æÁæ[æ↑*↗à↔æáÁQ|\áæá^Á*↔æ\]Áá^ääÁæã↔^á\↔~^ÈÁ N→È
 \á~|^&Á~{æáÁ\á↔ã\]Áã↔æáÁ\áá\Áà↔æb\Á}↔^\æãÈÁ \áæÁÒæã↑á^Á*ãæbæ^´æÁ↔^Á

FHE´Ì↔{æ^Á\áæÁ^~ã↑á→ÁÒæã↑á^Á*ã~^|^´↔á\↔~^ÈÁ \áæÁb*æ↗↗^&Ábã~|→ää
 *ã~ãáá→]ÁâæÁÁÒ→\~**→æÈÁÁ Ø^Á\áæÁ\æ[\ÁØÁ}↔→Á|bæÁ\áæÁb*æ↗↗^&Á&↔{æ^Á
 á~}æ{æãÈÁ

FIRá↔^æÁÛ↔\æãbÁæbæáá´áÁO→|âÈÁØ↔b\~ã↔^ÁOá|ã´áæbÁá^ääÁÒ~↑æbÁ
 ~àÁRá↔^æÈÁ ÇŞ~ã\→á^àÈÁRÓÉÁ Óá→↑~|\áÑ~↔~ÁO~|bæÈÁ FIGÍDÉÁ **ÈÁ IGEIGEÁ

FIJØâ↔ãÈÈÁ *ÈÁ IGÈÁ

Úá→ä~â~ã~Ä}ábÁbæ' |ãæãÌÁ^~Á\áá^←bÁ\~ÁÚá→ä~Á}á~Áb*æ^Á\áæÁ\↔↑æÁ'~↑à~ã\áâ→]Á
 ↔ÈÑ~b\~^È F ÍÁ ÚáæÁÖ~→\~*~*→æÁá~↑æÁb\á^äbÁ\~Á\á↔bÁää]Á~^Á\áæÁáæ↔&á\Á~àÁ
 →á^ääÁá'ã~bbÁ\áæÁbáá→~}Á{á→æ}Áää~↑Á\áæÁÖæã↑á^ÁQ|\áæää^ÁOá|ã'áÈÁ áÁb↔æ^Á
 bæ^↔^æ→Á~àÁ~^æÁ'~|*→æCbÁæ[\ãá~ãä↔^áã]Á'~|ãá&æÈÁ

ÚáæÁ'~^&ãæ&á\↔~^Áâ|↔↔\Á\áæÁ*ãæbæ^Áb\ã|'|ãæÁ↔^ÁFíiGÈÁá'ää↔\Á}ábÁ
 ↑~{æää\~Á↔\bÁ*ãæbæ^Á→~'á\↔~^Á↔^Á\áæÁääæääÁ~àÁ}↔^ãääá'ã~bbÁ\áæÁ↔æÁ}↔\áÁ
 \æá↑bÁ~àÁ~[æ^ÌÁ á^Áæ[\ãá~ãä↔^áã]Áá'~↑*~*→bá↑æ^Á&↔{æ^Á\áæÁää'\Á\áá\Á\áæÁ
 b↔\æÁ'~'|*↔æbÁáÁ↔↔↔\~*Á~{æääáÁ↑↔æÁää~↑Á\áæÁbá~ãæÈÁ ÚáæÁFÈâ→\~á~*~*→æCbÁ
 ^æ{æääbá}Á\áæÁâ|↔↔↔^á&Á↔\bæ→ääâ|\Áá\Á→æáb\Á\áæ]ÁáääÁ\áæÁ~*~ã|\^↔\]Á\~Á
 *ää\á←æÁ~àÁ\áæÁQ~ääCbÁU|**æää}↔\áÁ\áæÁbá↑æÁ ŠÖFÖFÖ^↔^Ábæã{↔æÈÁ áá\æääFÍiÈÁ
 }á↔'áÁãæ↑á↔^æää↔^Á|bæÁ\↔↔↔Á\áæÁ'~^&ãæ&á\↔~^CbÁää↑↔bæÁ↓|b\Á~{æääáÁá|'ääæää
]æääbÁ→á\æÈÁ

Ø\Á↔bÁ ä↔àè↔'|→\Áb~↑æ\↔↑æbÁ\~Á←ææ*Á\áæÁää~↑↔^á\↔~^á~Ááää↔↔↔á\↔~^Á
 ~àÁ\áæÁ{áã↔|bÁ&ã~|*bÁ↔^{\~→{æää↔^Á\áæÁŠ→ääÖæ^á^ÁOá|ã'áÁb\ãä↔&á\ÈÁ Úáæ^Á
 \áæÁbæ'~^ääQ|\áæää^ÁOá|ã'áÁ}ábÁææ'\æää^æääÁRææ\↔^&ÁÖ~|bæÁO~{æÁ↔^ÁFíiJGÁ
 á^ääÁÄÈÈ Ö~ää^æbÁRáã\↔^ÁU'ááæàæääÁ ÇáæÁ}ábÁ^æ↔\áæääáÁã~'\~ää~àÁ↑æä↔↔^æÁ
 ~ää~àÁ\áæ~→&]Áâ|\Á*ää'\↔^æääâ~\áÁá^ää}ábÁáá^áb~↑æ→]Á*á↔äDÁ áæ'á↑æÁ\áæÁ
 báæ*áæääÁ~àÁ\áæÁÖæ^á^Áà→'←ÈÁÁ\áæääÁ}æääÁá→ääáä]Áâ~\áÁQ|\áæää^Áá^ääÁbæÈ
 à~ã↑æääá↑~^&Á\áæ↑ÈÁ ÚáæÁ→á\ãää^æ{æääá↔ää~*~æÁU'ááæàæää↑|'áÁá^ää↔\Á}ábÁ
 \áæ↔ää↔^↔\↔á\↔{æÁ}á↔'áÁãæb|→\æää↔^Á\áæÁâ|↔↔↔^á&Á~àÁ\áæÁ*ãæbæ^Áb\ã|'È
 \|\ãæÈFÍÁ U~↑æá~}Á\áæÁQ|\áæää^bÁ}æääæ↔^{\↔æää\~Á*áã\↔^↔^á\æÁá^ää\áæ]Á
 ä↔ãÌÁ áæ^'æÁ\áæÁ^á↑æÁ Cbæà~ã↑æääQ|\áæää^ÁOá|ã'áÈCÁ

Fí b\áá→ÈÁ*ÈÁ FGÍÈFGÍÈÁ
 F Î*á]^æ ÈÁ*ÈÁ IÈÁ

ÚáæÁâ | ↔ ä↗ &Á↗ \bæ→àÁ↗bÁ áÁ \ãæáb | ãæÈÁ ØÁ *ãæËäá \æbÁ \áæÁÛ↗ \æäÁÛ \á \æbÁ
 ábÁááà~^á→Áæ↗ \↗ \ÈÁ ØÁ↗bÁ áá à↗ \↗ \↗ &Á→æ&á´]Á \~ÁáÁb \æã^Áá^äÁ } ~ãbâ↗ *à | →Á
 æ~→æÁ } á~Á \~↗ Á \áæ↗ãÁ } ~ãbâ↗ *Á {æã]Ábæã↗ |b→ \ÈÁ N \æ^äá^´ æÁãæ´ ~ãäbÁ áãæÁ
 b \↗↗↗ Á↗↗ \á´ \Áá^äÁÛ | ^äá]Áá \æ^äá^´ æÁá {æäá&æäÁæ↗&á \]Á *æä´ æ^ \Á~àÁ \áæÁ↑æ↑æãË
 bâ↗ *ÈÁ ÚáæÁ↗↗ \æã↗~ãÁ↗bÁ á |b \æãæÁâ | \Áæ [\äæbÁ } á^^ \áá^äÁ {↗ \á↗ \]ÈÁ Ø^b \æáäÁ
 ~àÁ *æ } bÁ \áæãÁáãæÁá~ |ãÁã~ } bÁ~àÁÁâ~ [æbÁÁ }↗ \áÁ } á→bÁ \áãæÁá àææ \Áá↗&áÁá→Á
 áã~ | ^äÈÁ áæ^´ áæbÁ↗^ÁáÁCCÜÁ´ ~^à↗& |ãá \↗~^Á↗^b↗äæÁá^äÁáá↗ \↗ \æÁä~ãÁ \~Á&æ \Á
 ↗^Áá^äÁ~ | \ÈÁ ÚáæbæÁâ~ [æbÁ }æãæÁ~ } ^æäÁâ]Á \áæÁãæb *æ´ \↗ {æÁáá↑↗↗æbÁá^äÁæá´ áÁ
 ááäÁáÁäææäÁ \~Á *ã~ {æÁ↗ \ÈÁ ÚáæÁ *ã↗´ æÁ }ábÁá↗&áÌÁ ábÁ↑ |´ áÁábÁ \ }æ^ \]Áä~→áãbÈÁ
 ØàÁáÁáá↑↗↗]Áä↗äÁ^~ \Ááá {æÁ \áæÁ↑~^æ]Áá~ }æ {æãÁá^äÁ }↗bâæäÁ \~Á↓↗↗^Á \áæÁ´ á |ã´ áÈÁ
 \áæ]Á } ~ |→äÁâæÁ *æã↑↗ \æäÁ \~Áä~^á \æÁ \↗↑æÁá^äÁ↑á \æã↗á→bÁ \~Á \áæÁ´ á |ã´ áÁá^äÁ
 | *~^Ábá \↗bàá´ \~ã↗↗]Á´ ~↑*→æ \↗ &Á \áæ↗ãÁbááãæÁ~àÁ \áæÁ } ~ãÈÁ \áæ]Á } ~ | ÁäÁáæÁ
 &↗ {æ^ÁáÁäææäÁ } á↗´ áÁ }ábÁ↓ |b \ÁábÁ {á↗↗äÁábÁæ {æã } ~^æÁæ→bæCbÈÈFIÁ

ÚáæÁ↗bb |æÁ } á↗´ áÁæ {æ^ \ |á→]Á *ã~ {æäÁ \~ÁáæÁ \áæÁä~ } ^äá→Á~àÁ \áæÁ´ ~^&ãæË
 &á \↗~^Á }ábÁ \áá \Á~àÁ→á^& |á&æÈÁ Ñ~ \áÁQ | \áæäá^Áá^äÁææà~ã↑æäÁÖæ^á^bÁ↗^b↗b \æäÁ
 ~^ÁÖæ^á^ÁábÁ \áæÁ→á^& |á&æÁ à~ãÁ \áæÁ } ~ãbâ↗ *Ábæã {↗ æÈÁ ØÁ \áæÁ↑æá^ \↗↑æÈÁ á^Á
 ↗^´ äæáb↗^&Á \↗↗↗æã àÁbæ´ ~^äÁá^äÁæ {æ^Á \á↗äá&æ^æäá \↗~^ÁÖæã↑á^bÁ * |bâæäÁ à~ãÁ
 â↗È↗↗^& |á→Ábæã {↗ æbÁ } á↗↗æÁáÁã~ | *Á~àÁ\$ |ã↗ \á^bÁ } á~Á |bæäÁ \áæÁb \ã |´ \ãæÁ à~ãÁ
 \áæ↗ãÁ~ } ^Á } ~ãbâ↗ *Á } á^ \æäÁ~^→]ÁÓ^&↗bâÁ |bæäÈÁ N *áãæ^ \→]ÈÁ \áæÁÖæã↑á^Á *ábÈ
 \~ãbÁ }æãæÁ }↗↗↗^&Á↗^Áb~↑æÁ↗^b \á^´ æbÁ \~Á´ ~^ä |´ \ÁÓ^&↗bâÁ } ~ãbâ↗ *Áâ | \Áá \Á \áæÁ
 á^^ |á→Á↑ææ \↗^&bÁ~àÁ \áæÁ \~ } ^ÈÁ áæ→äÁ↗^Á \áæÁ´ á |ã´ áÈÁ \áæÁÖæã↑á^bÁb \↗↗↗ Á~ | \È
 ^ |↑âæãæäÁ \áæÁ\$ |ã↗ \á^bÁ á^äÁÓ^&↗bâÁ }ábÁ↗æ^ \Á~ | \Á~àÁ \áæÁ CÖæã↑á^CÁ
 bæã {↗´ æbÈÈÈÁ

FÏRáã&æÁÔãææ↑á^ÈÁ Šáá→ÁÖ↗b \~ã]ÈÁ Ö |→]Á GJÈÁ FÏÏJÈÁ **ÈÁ FÈÈÈÁ
 Gcb \áá→ÈÁ **ÈÁ FIJÈFIÏÈÁ

In large part, the entire extraordinary episode of moving the physical structure across the Medomak River to its present location several hundred vertical feet above the water's edge and a mile inland, was due to the language debate. Once the church was on the German side of the bay, a move was made to secure the services of the first full-time ordained pastor in the congregation's history (all others having been part-time or not ordained) and the key stipulation was that this pastor should not even have the ability to speak English.²¹ They found such a man in The Reverend Friedrich Augustus Rudolphus Ritz, the first of the two great Lutheran pastors of Waldoboro, and a gentleman of the highest order. Thanks to his personal industry, charm, and charisma, the wounds with the English-speaking citizens and church members were lovingly assuaged and although he never did master the English language (and never could preach in it), the English membership of the church actually increased during his tenure.²²

There is an interesting anecdote of the time relating to Ritz's lack of facility in English. There was an itinerant Congregational person by the name of Paul Coffin who kept a diary of his travels and thus provides a rare non-merchant and non-military glimpse of Maine at the turn of the Eighteenth Century. In 1796 he was in Waldoboro, "which," he wrote, "is a large town," and visited "Augustus Keets, minister of the Lutheran Church at Waldoborough." The misspelling of

²¹payne, P. 7.

²²stahl, pp. 189-194.

\áæÁ→áb\Á^á↑æÁ↑á\ÁâæÁæ[*→á↔^æáÁâ\Á\áæÁb\ãá^æÁ→~↔↔^&Á^á*↔\→ ÁÁPÁÁ
 ↔^ÁÖ~\á↔^ÁÖæ^^á^ÈÁ O~àâ↔^Á&~æbÁ~^Á\~Á}ã↔\æÁ\áá\ÁáæÁÁá^áÁ\áæÁ↑↔^↔b\æáÁ
 áááÁá^Á↔^æãæb\↔^&Á^~^{\æãbá\↔~^IÁÁ CPææ\bcÁ↔^ÁÖæ^^á^Áá^áÁO~àâ↔^Á↔^Á
 Òæãæ}È^GÁ

Æab*↔\æÁ\áæÁ^áã↑|^↔\]Áb*↔↔↔^Á↔↑â|æãÁâ\]ÁP↔\^ÈÁ á^áÁ&↔\æ^Áá↔bÁ~â{↔~|bÁ
 ~\{æÁà~ãÁ\áæÁÖ~b*æ→ÈÁ↔\Á}~|→ãÁ^~\ÁâæÁ|^áá↔ãÁ\~Ábá\]Á\áá\Á\áæÁ^~^&ãæ&á\↔~^Á
 á\ÁÚá→á~â~ã~Á}ábÁ^~\Áæ{á^&æ↔^á→Á~ãÁ↑↔bb↔~^È↑↔^áæãÈÁ Ø^áææãÈÁ\áæÁ^~^È
 &ãæ&á\↔~^Á^æ{\æãÁã↔ãÁá\|æ↑*\Á\~Á↑~\æÁâæ\~^áÁ↔\bÁâ~ããæãbÁá^áÁ\á↔bÈÁ↔^Á\áæÁ
 æ^áÈÁá→b~Ááæ→*æãÁ\~Ábæá→Á↔\bÁàá\æÈÁ Ñ\]Á^~^ãáb\ÈÁ\áæÁÑá*\↔b\|bÁá^áÁ
 Ræ\á~ã↔b\|bÈÁ}á~Áã↔ãÁ^~\Áãæá→\]Áæb\áâ↔báÁ\áæ↑bæ→\æbÁ↔^Á\áæÁb\á\æÁ|^↔↔^Á
 \áæÁ→áb\Ááæ^ááæbÁ~àÁ\áæÁÓ↔&á\ææ^\áÁOæ^\|ã\]ÈÁã~|á→æãÁ\áæ↔ãÁ↑È|^áæãbÁ↔^Á
 \æ^Á\]æãæÈ^GHÁ

Ñ\]ÁFÎFFÁP↔\^Á}ábÁ^~\Á^~\]Á~→ãÁâ|\]Ábæ^bæãÁá↔bÁ↔^*æ^á↔^&Áãæá\áÈÁ N\Á
 á↔bÁ|ã&↔^&ÈÁ\áãææÁ^áã↔bá↔~^æãbÁ\ãá{\æ→æãÁ\~Áçæ^b}→\{á^↔áÁ\~Á↔^ãÁáãæÈ
 *→á^æ↑æ^Á\}á↔^áÁ\áæ\]Áã↔ãÁ↔^ÁÚáæÁPæ{\æãæ^áÁÖ~áá^ÁÚ↔↔áæ↑ÁU\á^á^ÈÁ
 Úá↔↔æÁ\áæ\]Á}æãæÁ&~^æÈÁ\áæÁ^áá\~ãÁ}↔\áÁ\áæÁáæã\Á~àÁ&~→ãÁã↔æãÈÁ ÒæÁ↔↔æbÁ
 á|ã↔æãÁæ[\Á\~Á\áæÁ^á|ã^áÈÁ Ráã&æÁÓææ↑á^ÈÁ~^æÁ~àÁ\áæÁ^|ãá\~ábÁ~àÁ\áæÁ

^Gb↑↔\á ÈÁ*ÈÁ^G ÎÇÈÈ ÌÈÈÁ

^GHòæ^á\]ÁUÈÁ Ñ|ããá&æÈÁ Ò↔b\~ã\]Á~àÁÑá*\↔b\|bÁ↔^ÁRá↔^æÈÁ ÇŞ~ã\→á^áÈÁRÓÈÁ
 Ráã↔bÁçã↔^↔^&ÁÖ~|bæÈÁ FÌEHDEÁ *FA ÍIEÁ ÚáæAà↔ãb\]Á\]æãÁã~ãÁ\}á↔^áÁà↔&|ãæbÁ
 áãæÁ&↔\æ^Ábá~\]ÁÍÁ↑↔^↔b\æãbÈÁ ÍÁ^á|ã^áæbÈÁ á^áÁHÍÈÁ↑æ↑áæãbÁ↔^ÁFÍÍÈÁ Ñ\]Á
 FÍÍÈÁ\áæãÁááæÁFHÁ↑↔^↔b\æãbÈÁ FÍJÁ^á|ã^áæbÈÁ á^áÁFHGÈÁ↑æ↑áæãbÈÁ ÚáæÁ
 ↑æ↑áæãbá↔^Áà↔|ãæÁ~ãÁFÍÍÈÁ↔bÁGÈÈIGGÁ ÇŞÈÁ HHÍDÁ á^áÁ\á↔bÁãæ*ãæbæ^bÁ\áæÁ
 æ^↔^áæÁ↑æ↑áæãbá↔b^Á~ãÁ\áæÁQOÈRUÁ↔^Áá→Á~àÁçæ}ÁÓ^&→á^áÁ↔^ÁFÍÍÈÁ U~Á\}á↔↔æÁ
 Úá→á~â~ã~Á^á↑æÁá^áÁ}æ^ÈÁÑá*\↔b\|bÁá^áÁRæ\á~ã↔b\|bÁá^áÁP~↑á^ÁÓá\}á~↔^bÁ
 ^á↑æÈÁb\]Á\]æãÁá^áÁ^á~b*æãæãÈÁ U↔↔&á\→\]Á~\æãÁáá→àÁ~àÁá→Á^á|ã^áÁ↑æ↑áæãbÁ↔^Á
 Rá↔^æÁáãæÁP~↑á^ÁÓá\}á~↔^ÈÁ ÅØàÁãæ↔↔^Ácan b\}á\]Á\áæÁ\~\æãÈÁ\áæ^Á
 Óá\}á~↔^↔b\]Á\}↔bÁáá^ábÁã~\}ÈÁÁ Ş~ã\→á^áÁçãæbbÁOæãá→ãÈÁ^GHÁŞ\~ãæãÁFÍÍÈÁ

church in Waldoboro, says;

This is interesting. They went by boat (to Pennsylvania) and one of these men put in a bill for three hundred dollars. Reverend Starmann came from Pennsylvania by boat for twenty-three dollars.²⁵

There was apparently also some drama given Stannann's bachelor status. The congregation picked three women for him to interview, hoping he would choose one to be his wife. The first of the three met with his favor, he asked her to marry him, the other two interviews were cancelled and that was the end of that.²⁶

Starmann lived up to his name in many and sundry ways. He was a powerful preacher, a loving father and devoted husband, a champion of education, and a true friend of the parish. Under his encouragement, one-room school houses were established all over the region and by the middle of the nineteenth century there was an eight-grade school system which owed its very existence to his determination and enterprise.²⁷ Reading was taught in the old-fashioned way; right from the Bible. This learning would then be reiterated in Sunday School and finally pronounced as Gospel in the sermon.²⁸ Starmann's name is well-known and revered in Waldoboro to this day. He spent the last forty-three years of his life in a parish that was dying. He literally gave his life to save it but he could not. If he had a failing, it was that his English was poor and although he attempted to preach in English in later years, it never really suited him. When he passed away in 1854 after a protracted illness, the spirit of the congregation that was left seemed to

²⁵freeman, p. 3.

²⁶bid., p. 3.

²⁷ stahl, pp. 218-220.

²⁸Freeman, p. 4.

ábbÁá}á]Á}↔\áÁ↔↑ÈÁ Uæ{æää→Á àææâ→æÁá\æ↑\bÁ}æææÁ↑áææÁ\~Ábæ´|ææÁ\áæÁ
 bææ{↔æbÁ~àÁá^~\áæää*áb\~ãÁâ|\Á\~Á^~Áá{á↔↔ÈÁ ÚáæÁ→áb\Áãæ&|→áã→]Á~^È
 ä|\æääbææ{↔æÁ}ábÁáæ→ää↔^ÁFÎIÏÁá^ääâ]ÁFÎIÏÈÁ\áæÁ→áb\Á~àÁ\áæÁ´á|ã´áÁ
 ~ã&á^↔ã\↔~^bÁááää´æábæää\~Áà|^´\↔~^Áá→\~æ\áæãÈGÏÁ ÚáæÁà↔áb\Á&ãæá\ÁæääÁ
 ~àÁQ|\áæää^↔b↑Á↔^ÁRá↔^æÁááääää↔{æää↔^Ááää{æáb↔\]Áâ|\Á}↔\áÁææ\æ^↔^á\↔~^Á
 \~Áb|´ææÈÁ Úáæ^Á\áæÁæ^ää´á↑æÈÁ↔\Á→æà\Á}↔\áÁááã→]ÁáÁ}á↔↑*æääábÁ↑~b\Á
 ææ↑á↔^↔^Á*ää↔bá↔~^æábÁÄb~|&á\Á\áæ↔ääb*↔ã↔|á→Áá^ääãæ↔&↔~|bÁ^ææábÁ↔^Á
 \áæÁO~^&ææ&á\↔~^á→Á´á|ã´áÁÁÈ↔^ÁÓ^&↔~báÄ^ĜÉÁ

ÚáæÁ~^→]ÁQ|\áæã@ÈFFÁ´á|ã´áÁ↔^ÁRá↔^æÁááää´→~bæää↔\bÁã~ãbÁá^ää↔\Á
 }~|→ääâæÁá^~\áæääæ→æ{æ^Á}æääbÁá^ääááâ~ã]ÁO↔{↔→ÁÚáää↔^Áâæ\}ææ^Áâæà~ãæÁ
 á^~\áæääQ|\áæää^Á´~^&ææ&á\↔~^Á}~|→ää~*æ^Á↔\bÁã~ãbÈÁ Ø^Á\áæÁ↑æá^↔↑æÈÁ
 Úá→ã~ã~ã~CbÁb~^bÁ}↔\áÁ´á↑æbÁ↔×æÁOæææÈÁOãá^↑æãÈÁÓ↔^á~ã^êÁU´á|↑á^Áá^ää
 Úá→\~ã|âæää}æææÄá↔^&Áb~Á\áá\Áb→á{æbÁ↑↔&á\Áâæbæ\ÁàãææÈÁ Úáæ]Á´á↑æÁàã~↑Á
 áÁb\á\æÁ}á↔^áÁ^æ{æääááääÁá^]Áb→á{æbÁá^ääãæ\|ã^æääá~↑æÁ~^Áà~\Á~ã↔^Áâ~[æbÁ
 áá{↔^&Á↔^b|ææää\áá\Á~\áæääb\á\æbÁ}~|→ää^~\Ááá{æÁá^]Áæ↔\áæääIÁ áÁà↔\↔^&Á
 \ã↔â|\æÁábÁ\áæbæÁá→Ááá↔æääää~↑Á\áæÁQ|\áæää^Áã~\bÁ~àÁÚá→ã~ã~ã~È^ĜFÁ

Şáb\~ãÁÔæææã↔^←ÁSæ|Á~àÁUá↔^ÁN^b&ááÁ↔^ÁŞ~ã\→á^ää↑æ^↔~^bÁ↔^Áá↔bÁ
 ~ãá→Áá↔b\~ã]ÈÁ ÅØàÁ\áæÁ´á|ã´áÁ↔^ÁUá→ã~ã~ã~Áááääb|ã{↔{æääÈÁ\áæääÁ}~|→ää^~Á

GÏb\áá→ÈÁ *ÈÁ GGGÈGGHÈÁ

Ĝ€Şá] ^æÈÁ*ÈÁ ÏÈÁ

ĜF|^↔\æääU\á\æbÁÖ~{æã^↑æ^ÁOæ^b|bÁÑ|ãæá|ÈÁ Ô↔ãb\ÁOæ^b|bÁ~àÁ\áæÁ
 Ú^↔\æääU\á\æbÁIÁ OæääbÁ~àÁOá↑↔↔æbÁÈ Rá↔^æÈÁ FÎIÈÈÁ ÚÈUÈÁÔ~{æää^æ^Á
 Şã↔^↔^&ÁŞà↔^æÈÁÚábá↔^&\~^ÈÁ ÇÈÁ OÈÁ Ô↔&|æbÁbá~}ÁRá↔^æÁ}↔\áÁá\~\á→Á
 ~|→á\↔~^Á\áá\Á}æääÁ~àÁIÏÈIÈÈÁ~àÁ}á↔^áÁ^~^æÁ}ææÁb→á{æbÁ Ç\áæää
 á´\|á→]Á↔bÁáÁ´á\æ&~ã]ÁÁU→á{æbÁÁ à~ãÁæ{æã]Á´æ^b|bÁ\áã~|&á\áá\Á~àÁFÎIÏÈÈÁ
 ÚáæÁbá↑æÁ]æääÁbá~}bÁUá→ã~ã~ã~Á}↔\áÁáÁ*~*|→á\↔~^Á~àÁFÎFÍÁ ÇFF\áá↔^Á\áæÁ
 b\á\æDÁ}↔\áÁ\áæÁ→áã&æb\Á\~}^Áâæ↔^&ÁO~ääá↑Áá^ääU´áää~ã~|&áIÁHHÍIÈÁ Úá→ã~È
 â~ã~Áãæá´áæää↔\bÁ&ãæá\æb\Á*~*|→á\↔~^Á}↔\áÁ\áæÁâ~↑Á]æääbÁ~àÁbá↔^È
 *~}æääääbá↔^Áâ|↔↔↔^&Áá^ääãæ~ääæääÁá↑~b\ÁHÍÈÈÁ↔\↔^æ^bÁ↔^Á\áæÁFÎIÈÈÁ
 ^æ^b|bÈÁ

GFĀ

ä~|â\ĀâæĀ\ăăæĀ\↔↑æbĀábĀ↑á^]ĀQ|\ăæăă^Ā´~^&ăă&ă\↔~^bĀ↔^ĀRă↔^æĀ\~ăă]ÈĂĜĜĀ
ÛæĀbăă→Ā^æ{æăĀ←^~}ÈĀ

ĜG~ăă→Āò↔b\~ă]Ā~àĀşáb\~ăĀôăăăă↔'←ĀSæ|ĒĀN|&|b\ĀGGĒĀ FĪĪNĒĀ

OÒNŞÚÓPÁØØØÁ

ÚÒÓÁÓÚÒSØÓÁRØËNÚØŞSUIÁ FÍÍFĚFĪGFÁ

Úá↔bÁ'áá*\æǎ'~|→ǎÁá→↑~b\ÁâæÁǎæ^á↑æǎ\ǎæÁAU'á^ǎ↔^á{↔á^Á
 R↔&ǎá\↔~^bÁǎábÁ^↔^æÁ~ǎÁ\ǎæÁ\æ^ÁQ|\ǎæǎ^Á'~^&ǎæ&á\↔~^bÁǎ~ǎ↑æǎÁǎ|ǎ↔^&Á
 \ǎæÁǎ↔ǎ|]Á]æǎǎbÁǎǎ~↑ÁFÍFÁ\~ÁFĪGFÁ}æǎæÁæb\áâ↔bǎæǎÁÁ]Á*æ~*→æÁ~ǎÁ\ǎá\Á
 ǎæ&↔~^ĚÁ ŠǎÁ\ǎæÁ\}æ^|\Ěbæ{æ^ÁQ|\ǎæǎ^Á'~^&ǎæ&á\↔~^bÁæ{æǎ\~Áǎá{æÁǎáǎÁ
 \ǎæ↔ǎÁ\↔↑æÁ↔^Á\ǎæÁRá↔^æÁb|^ĚÁ\ǎæbæÁ^↔^æÁ}æǎæÁá→Áæb\áâ↔bǎæǎÁǎǎ~↑Á
 FÍÍFĚFĪFIÁ}\ǎÁ\}~Ě\ǎ↔ǎǎbÁ~ǎÁ\ǎæ↑Á'~↑*→æ\æǎÁâæǎ~ǎæÁ\ǎæÁæ^ǎÁ~ǎÁ\ǎæÁ
 ^↔^æ\ææ^ǎÁ'æ^|\ǎ]ĚØÁ

N↑æǎ↔'áÁá\Á\ǎæÁ\↔↑æÁ\ǎæÁU'á^ǎ↔^á{↔á^ÁQ|\ǎæǎ^bÁæ↑↔&ǎá\æǎ\~ÁRá↔^æÁ
 ǎǎ~↑ÁÓá^ǎǎǎĚÁ~ǎǎǎ↔ǎæ'\→]Áǎǎ~↑Á\ǎæ↔ǎÁ^á\↔{æÁ→á^ǎbĚÁ}ábÁá→ǎǎǎ]Áâæ&↔^↔^&Á
 \~Áæ[*æǎ↔æ^æÁǎÁ\ǎæ↑æ^ǎ~|bÁá'æ→æǎá\↔~^Á~ǎÁǎæ{æ→~↑æ^Á↔^Á{↔ǎ\|á→]Á
 æ{æǎ]Áǎá'æ\Á~ǎÁb~'↔æ|\ĚÁ áÁ\ǎæ^ǎÁ}ǎ↔'áÁ'áǎǎǎ'\æǎ↔~æbÁ\ǎæÁ→á\æÁ\}æ^↔æ\ǎÁ
 'æ^|\ǎ]Áæ{æ^Á↑~ǎæĚÁ Ø\Á}ábÁáÁ\↔↑æÁ~ǎÁǎǎǎ}\↔^↔^Áæ{~→|\↔~^ĚÁ Ńǎǎǎ↑bCÁ ĀÓ↔^Á
 Ěæ|\b'ǎæbÁbæ@|\↔↑ĚÁ\ǎæÁÔ↔ǎb\ÁŮá\↔'á^ÁÓ~|^↔^ĚÁ\ǎæÁØ^ǎ|b\ǎ↔á→Ábæ{~→|\↔~^ĚÁ

→bææÁN*æ^ǎ↔[ÁNEĚÁ Ó['æ*\Áǎ~ǎǎN|ǎ|ǎ^ĚÁ}ǎ↔'áÁ}ábÁÓæǎ↑á^ĚÁ á→Á~\ǎæǎbÁ
 ~ǎÁ\ǎ↔bÁæǎǎÁ}æǎæÁU'á^ǎǎǎ{↔á^ÁĪÁ Óá→↑~|\ǎĚÁŮæb\ǎǎ~↔^Áá^ǎǎŞ~ǎ\→á^ǎCbÁ
 Úá↔^ÁN^b&ǎǎ}æǎæÁĚá^↔bǎĪÁ Óáǎǎ↔b~^Áá^ǎÁU~|\ǎǎŞǎǎ↔bÁÔ↔^↔^bǎĪÁ Sæ}ÁU}æǎæ^ĚÁ
 Ş~ǎ\→á^ǎĀÓ^↑á^|æ→ĚÁ á^ǎÁU\~'↔ǎ~↑ÁU}æǎ↔bǎĚÁ á^ǎǎŞ~ǎ\→á^ǎĀÔ↔ǎb\ĚÁ áÁ'~↑Ě
 á↔^á\↔~^Á~ǎÁĚá^↔bǎĚÁ S~ǎ}æ&↔^Áá^ǎÁU}æǎ↔bǎĚÁ

GGÁ

\áæÁ~*æ^↔^&Á~àÁ\áæÁU|æ^ÁÓá^á~Áá^ää↑|´áÁ~àÁÓ|ã~*æÁá\Á}áãÈGÁ

On \áæÁ^á\↔~^á~Áãæ↔&↔~|bÁb´æ^æÉÁ}↔\áÁ\áæÁâ→~ã↔æb\Á}áãÁ↔^ÁÛ^↔\æãÁ
U\á\æbÁá↔b\~ã]Á~{æãÁá^ää\áæÁæ[´æ´\á\↔~^Á\áá\Á}↔\áÁb→á{æã]Ááã~↔báæãÁáÁ
\ã|→]ÁÓáã↔b\↔á^ÁN↑æã↔´áÁ}~|→áÁæ↑æã&æÉÁŞã~\æb\á^↔b↑Á}ábÁæ^↓~]↔^&Á↔bÁ
bá~ã\È~↔{æãÁáæ]áá]Áã|ã↔^&Á}áá\ÁáábÁ´~↑æÁ\~ÁáæÁ´á→æãÁÁÛáæÁÓ|↔→áæãÁN&æÉÁÁ
Ş|\}áã→]ÁŞã~\æb\á^↔b↑Á*ã~b*æãæãÁâ|\Á↔^}áã→]Á↔\Á}ábÁb|àà~´á\↔^&Á~^Á↔bÁ
own b|´´æbbÉÁ ∅\Á}ábÁ*áã\↔|→áã→]Á\ã|æÁ↔^ÁSæ}ÁÓ^&→á^ääÈÁ

Şã~\æb\á^↔bCÁ á**áãæ^Á´|→|\áá→Áã~↑↔^á^´æÁãæb\æãÁ~^ÁáÁb\ã~^&ÁáábæÁ~àÁ
\áæÁ}æá→\á↔æb\Áá^ää\áæÁ~→áæb\ÁN↑æã↔´á^Ááá↑↔↔æbÁá^ää↔^b\↔|\↔~^bÉÁ
Şã~\æb\á^↔bÁáááÁáææ^Á\áæÁâ↔áb\Á\~Ábæ\|→æÁá→~b\Áæ{æã]}áæãæÁ↔^Á\áæÁ
N↑æã↔´á^Á´~↔~^↔æbÁá^ääb~Á^á\|áá→]Á\áæ↔áÁáæ↔ábÁáæ→áÁ↑~b\Á~àÁ\áæÁ
~b↔|\↔~^bÁ~àÁ~}æãÁá^ää↔^á→|æ^´æÉÁ SàÁ\áæÁ→æáá↔^&ÁN↑æã↔´á^bÁ~àÁ\áæÁ
→á\æÁ^↔^æ\ææ^|\áÁ´æ^|\]Áá→~b\Áá→ÁáááÁN^&→ÉUá[~^ÉÁU´~\|↔báÉÁ~áÁ
Öæá↑á^↔^Á^á↑æbÁÉ Ö~á^b~^ÉÁÖáá^ÉÁÓá]æbÉÁÛ→á~^ÉÁÖááá↔æ→áÉÁN→á↔^æÉÁ
Nã\á|áÉÁÖááá↔b~^ÉÁÖ→æ{æ→á^ääÉÁÖ~|→áÉÁÖ↔b~ÉÁÉp´~ææ→æãÉÁR~ã&á^ÉÁ
Óáá^æ&æÉÁÖ~}æ→bÉÁÖ→æ↑æ^bÉÁR~~á]ÉÁNææ´áæãÉÁNã~~bÁÉ áæã→æ´\↔^&Á\áæÁ
´~^↔^|\↔^&Áb\áæ^&\áÁ~àÁ\áæbæÁ*áæã~↑↔^á^´|→]ÁŞã~\æb\á^↔\Áæ\á^↔^Á&ã~|*bÉÁ
∅\Á↔bÁááá→]Áb|ã*ã↔b^&ÉÁ\áæ^ÉÁ\áá\Á\áæÁ*]æ{á↔↔^&Á↑~áá→Á{á→|æbÁ~àÁ
\áæÁ^↔{↔↔^´á\↔~^Ááæã→æ´\æãÁ\á↔bÁáæã↔\á&æÉÁ

ÚáæãæÁ↔bÁá→}á]bÁ↑~ãæÁ\~ÁáÁ&↔{æ^Áb↔|\á\↔~^Á\áá^Á↑ææ\á\áæÁæ]æÉÁá~}È
æ{æãÉÁ á^ääæ{æ^ÁáÁ´áb|á→Áb´ää\´á↔^&Á~àÁ\áæÁb|ääá´æÁ~àÁŞã~\æb\á^↔b↑Áá^ää
↔bÁÁÖ|↔→áæãÁN&æÁÁ Çb~Á^á↑æãÁâ]ÁRáã~ÁÛ}á↔^DÁ áæ{æá→bÁá^Ág g g Á

ÓááÁ↑áã↔æãÁâ]Á\áæÁábbább↔^á\↔~^Á~àÁ\}~Á*áæb↔æ^bÁá^ää\áæÁ↔*æá´á↑æ^Á
~àÁá^~\áæãÉÁ áÁb\~↔^Áæ→æ´\↔~^ÉÁ á^áÁáÁáæ↔^Á~àÁáÁá^Á *~↔\↔^´á→Áá^ää
â|b↔^æbbÁ´~ãã|*|\↔~^Áá^ää&ææãÉÁ NÁ{æ^æãÁ~àÁæ{á^&æ↔´á→ÁU|^áá]Éb´á~→Á
*↔æ]Á´~{æãæãÁá→~b\Áæ{æã}\á↔^&Á↔^Á\áæÁ´|→|\áæÉÁâ|\Á^~Á~^&æãÁá↔áÁ
\áæÁááæ\~ã↔^Á~àÁ↔æãá→b↑Áá^ää{↔ã}\æÁbææ↑Á\~Á\|´áÁ\áæÁ´~ãæÁ~àÁ\áæÁ
↑á\æã↔á→b↑Á~àÁ\áÁá*~↔\↔^´á→Áá^ääâ|b↔^æbbÁ↔^æãæb\áÉÁ ∅\Á}ábÁááá↔æÉ
b\~ãæÁ↑↔↔^æ^↔^|↑ÉÁ

GN→ääæãÁrá]æãÉÁ Heçl ÓáááæÁÓ|ã~*áæ↔b´áæãÁP|→\æãÉÖæ↑æ↔^b´ááá\Á↔^Á
Úæãæãb↔´á\æ^ÉÁ FIEEFIEÉÉÁ ÇR|^↔^áÉÁ Óá^b\ÁPæ↔^ááá\ÁÛæã→á&ÉÁ FIIÍDÉÁ **ÉÁ ÍÍÉÁ
IGÉÁ FÉIEÁ

GRáã~ÁNEÁ S~→ÉÁæ\á→ÉÁæã↔\~ãbÉÁ Óæãá↑á^CbÁÓá^ää~~Á\~ÁÓáã↔b\↔á^↔\]Á
↔^ÁN↑æã↔´áÉÁ ÇÓáá^áÁpá*↔ábÉÁ FIIÍGDEÁ *ÉÁ GIGÁ

Hãã↔ãÈÉÁ *ÉÁ GÍÉÁ

Ø↑*~ã\á^ÁábÁ\áæbæÁ àá´\~ãbÁ}æãæÉÁ á~}æ{æãÉÁ \áæÁææ↑á^ábÁ |*~^Áá^ää
æ[*æ´\á\↔~^bÁ~àÁ\áæÁU´ á^á↔^á {↔á^Á↔^↑↔&ää^bÁ}æãæÁ^~\Á^æää→]Áb~Áääá↑á↔ÉÁ
Úáæ]Á´ á↑æÁ à~ãÁ\áæÁ\~*~&ää*á↔^ á→Á~*~æ^æbbÁ\~Á\áæ↔ãÁæb*æ´\↔{æÁá~↑æ→á^ábÉÁ
à~ãÁ àääæä~↑Á~àÁ}\~ãbá↔*Áá^ää à~ãÁá^Á~**~ã |↔\]Á\~Áää {æÁá~↑æbÉÁ àää↑bÁ á^ää
â|b↔^æbbæbÁ~àÁ\áæ↔ãÁ~}^ÉÁ Úáæ]Á}æãæÉÁ á^ääáæÁáÁ\á→æ^æãÉÁ äæ\æ^↔^æääÁ^ää
æ^æã&æ\↔^Á*æ~*æÍÁ á^ää~^æÁ↔bÁ b\ã |´←Áâ]Á\áæÁææ→á↔{æÁæábæÁ}↔\áÁ}á↔^áÁ
\áæ]Á}æãæÁææ´æ↔{æää↔^~\á\áæÁ àääá↔^Á~àÁRá↔^æÁ~→àæÁá^ää↔^á|b\ã]ÉÁ Úá↔bÁ↔bÁ
^~\Á\~Ábá]Á\áá\ÁU´ á^á↔^á {↔á^bÁ}æãæÁá→}á]bÁ&æææ\æää}↔\áÁ~*æ^Áá^bÁâ |Á\áæ]Á
àääæääáääãÁæ\æãÁ\áá^Á\áæ↔ãÁb~↑á^ÁOá\á~*~^Á´~|\æã*áã\biÁ

ÚáæÁÄP^~}ÉS~\á↔^&ÁÁ*áã\]ÉÁ \áæ^Áb\↔↔^Áá´\↔{æÉÁ b~|&á\Á~Áää~|bæÁ*|á~*~^Á
bæ^↔^æ^Áá&á↔^b\Á à~ãæ↔^æãbÁá^ääOá\á~*~^bÁ~^Áá→æ&æää*á\ã↔~\↔^Á
&ã~|´ábÉÁ ÚáæÁOá\á~*~^ÁOá|ã´áÁá\ÁÑá\áÁ}ábÁâ|ã^æãÉÁ N\ÁO→b}~ã\áÉÁ
Oá\áæãÁO~á^ÁÑá*b\Á}ábÁ~ãääæãá~|\Á~àÁ\~}^ÍÁ \áæ^ÉÁ |*~^Áá↔bÁääæ\á^ÉÁ
áæÁ}ábÁ\áääæääÁ^ää áæá\áæãæáÁ^ääá↔ääæ^Á~|\Á~àÁ\~}^Á~^ÁáÁää↔^ÁÁ Ø^Á
Ñá^&~ãÁ\áæÁá|\á~ã↔^æbÁääæà|bæää\~Á*æá↑\Ááá´á|ã´áÁ↔^ÁU\á\áæU\áææ\ÉÁ
á→\á~|&áÁ\áæÁ~âb\á´→æbÁ}æãæÁ\Á→æ^&\áÁ~{æã´~↑æÁ\áæãæÁá^ää\áæÁ à~|´ääÉ
\↔~^bÁ~àÁU\ÉÁ Ö~á^CbÁ}æãæÁ→á↔áÁ\~\~ãæÁFGEÁ FÍIJEÁ Ø^ÁQæ}↔b\~^Á\áæÁ
Oá\á~*~^bÁâ~|&á\Áá^Á~→áÁÑá* \↔b\Á´á|ã´áÁá^á~{æää↔\Á5~ÁáÁ^æ}Áb↔\æÁ~^Á
Q↔^~→^ÁU\áææ\ÉÁ}áæãæÁ↔\Á}ábÁâ|ã^æääÁ]Á↔^æ^á↔ãã↔æbÉÁ

ÚáæÁb\~ã]Á~àÁU´ á^á↔^á {↔á^ÁQ|\áæää^↔b↑Á↔^ÁRá↔^æÁâæ&↔^bÁ}↔\áÁáÁ↑á^Á
}á~Á}ábÁ^~\Áæ{æ^ÁáÁQ|\áæää^ÉÁ â|Á}á~bæÁá↔ææ´\Á↔^{\~→{æ↑æ^Á↔^Á\áæÁæ^æãÉ
*ã↔bæÁ~àÁ à~|´á↔^&Áæ}ÁU}æãæ^ÉÁRá↔^æÉÁ↔^b|ãæää↔\bÁb|´æbbÉÁÙ↔↔↔^á↑Á
Ù↔&æã]ÁÚá~↑ábÁ}ábÁáÁ^á\↔{æÁ~àÁŞ~ã\→á^ääÁá^ää↔b↔↔^&|↔báæääá↔^bæ→àÁâ]Áá↔bÁ
bæã{↔^æÁábÁÑáääáá↑ÁQ↔^~→^CbÁUæ´ææ\áá]Á~àÁÙááÉÁ Ö~→~}↔^&Á\áæÁO↔{↔^ÁÙááÁ
áæÁ}ábÁá^*~↔^æãÁ\~Ábæã{æÁábÁÑ↑æã↔^áCbÁá↑áábbáá~ãÁ\~ÁU}æãæ^ÉÁ á^ääb~^Á
äæ{æ→*æääÁÁb*æ´↔^Á~áæ&áääÁ à~ãÁ\áæÁU}æã↔báÁ*æ~*→æÉIÁ

Ø^ÁRá↔^æÉÁ↑æá^}á↔^æÉÁ \áæãæÁ}ábÁáÁ&ã~}↔^&Á↔^æãæb\Á↔^Áææ{æ~*↔^&Á↔^bÁ
^~ã\áæã^Áää~^↔^æãÉÁ Úá~↑ábÉÁ äæ´á→*~^&Áá↔bÁ\áá{æ→bÁ\áã~|&á\áá\Á\áæ↑æ^á~|bÁ

I↔^ááääÁÑÉÁ Öæææ\ÉÁR~äæ↑ÁRá↔^æÉÁ Çæ}ÁW~ã←ÉÁ Qæ}↔bÁÖ↔b\~ã↔^á→Á
Ş|á~*~^bá↔^&ÁO~ÉÉÁ FÍIFDÉÁ *ÉÁ HFIA

IJ~ää~ÁÖ↔b\~ã]ÉÁÖ|b\áääÁÑá~→*áÁQ|\áæää^ÁOá|ã´áÉÁÖ|→]ÁGÉÉÁ FÍIJEÁ *ÉÁ GÉÁ

}↔äæä^æbbÁ´á→æäÄÄNä~b\~´←ÄÄ↔^Á*äæ{↔~|bÁ]æääbÊÄ á^ääÄæ´~&^↔↔^&Á\áæÁ
b↔↑↔→áää\~*~&ää*á]ÊÄ}æá\áæääá^ääb↔→Á´~^ä↔\↔~^bÁâæ\}ææ^Á↔\Áá^ää↑~b\Á~ää
U´á^ä↔^á{↔ÊÄæ^´~|ää&æää\áæÁb\á\æÁ\~Á&ää^Áá\~}^bâ↔*Á\~Á\áæÁ*æ~*→æÁ~ää
U}ææ^ÊÄ Úâ↔bÁRá↔^æÁä↔ää&→áä→]ÊÄ á→~^&Á}↔\áÁ*ä~↑↔b↔^&Áàæä\↔→æÁ´→æääæää
à↔→æäbÁá^ääÁ~↑æbÁá→æáä]Áâ|↔→\Áá^ääÄæää]Áà~ää~´´|*Á]ÊÄ Ú↔\áÁb|´áÁá^Á
æ^↔\↔^æ↑æ^ÊÄÚâ~↑ábÁááää↔→\↔→æÁä↔à↔´|→\]Áà↔^ä↔^&Á*æ~*→æÁ\~Áá**→]Áà~ää
*ábbá&æÈÍÁ Ú~Áâ↔bÁ´ææ↔\Á Çá^ää↔^Áb\áã^Á´~^ãáb\Á\~ÁÖæ^æää→ÁÚá→ã~DÊÄ
Úâ~↑ábÁá´´~↑*á^↔æää\áæÁà↔à\]Ë~^æÁ↔^↑↔&ää^bÁ*æäb~^á→]ÊÄ á^ääáää↔{æääá\Á
Uá↔^ÁÖ~á^ÊÄSæ}ÁÑä|^b}↔←ÊÄOá^áääÊÄ↔^Á\áæÁ→á\æÁU*ä↔^&ÁFÍÍÊÄ NÁ↑~^áÁ→á\æää
\áæ]Ááää↔{æää^Á]Á~[æ^Á\á↔^Áá\Á\áæÁb\æÁ~ää\áæÁ*äæbæ^Á´~↑^|↔\]Áá^ääáæ→ää
\áæÁà↔æb\Áææ↔↔↔~|bÁbæä{↔^æÌÁ áÁà|^æää^Áà~ää~^æÁÖ↔→↑áÁO→ábæÊÄ O~^ãää]Á\~Á
\áæÁ*ä~↑↔æbÁ&↔{æ^ÊÄ\áæÁU}æääbÁà~|^ää^~Á´→æääæääà↔→æäbÊÄ á^ää^~Áääää]Ë↑áää
á~↑æbÊÄ Ô~ã|^á\æ→]Á\áæ]Ááää↔{æääæää→]Áæ~|^&Á↔^Á\áæÁ]æää\~Áá{~↔ääáá{↔^&Á
\~Á↔{æÁ\áã~|^&Á\áæ↔ää~}^Á{æäb↔~^Á~ää\áæÁÚá→ã~ã~ã~Á´á\áb\ã~*áæää|ã↔^&Á
Êá{æÁÖ~→\~á~*~→æCbÁ\↔↑æÊÄ Pæ&|→áääQ|\áæää^Ábæä{↔^æbÁ´~^ä|^æää]ÁSæ}Á
U}ææ^CbÁà↔æb\Á~ääá↔^æää*áb\~ääÁæ&á^Á↔^ÁÖ|^æÁ~ääFÍÍÊÄ Ñ]ÁN|&|b\Á~ää\áæÁ
bá↑æÁ]æääÊÄ\áæÁ|^´áää{æääÄŞáb\~ääÚ↔ææ^Á*äæb↔æää~{æää\áæÁb↔&^↔^&Á~ää\áæÁ
´~^&æ&á↔~^CbÁ´áää\æääÊÄ}↔\á↔^Á\áæÁSæ}ÁW~ã^ÁU]^~ääÊÄ~ää\áæÁÖæ^æää→ÁU]^~ää
~ää\áæÁQ|\áæää^ÁOá|ã´áÁ↔^ÁN↑æä↔^áÊÄ Ú^æää\áæÁ^á↑æÁÖ↔æb\ÁU}æä↔báÁ
Ó{á^&æ↔^á→ÁQ|\áæää^ÁOá|ã´áÁ O→á\æää´áá^&æää\~ÁÖ|b\áääNä~→*áÄDÁ\áæÁ´~^Ë
&ææ&á↔~^Áææ↑á↔^bÁ\áæÁ~→ææb\Áá´\↔{æÁQ|\áæää^Á´á|ã´áÁ↔^Á\áæÁb\á\æÊáÁ

ÍFâ↔äÊÄÊÄ*ÊÄ ÇÊÄ

ÎÖæää→ä↔^æÁ_N^äæäb~^ÁÑæä@|↔b\ÊÄ ÄÖ|b\áääNä~→*áÁÓ{á^&æ↔^á→ÁQ|\áæää^Á
Oá|ã´áÊÄSæ}ÁU}ææ^ÊÄRÓÁFÍÍFÊFÍÍFÊÄÁ^æÁÖ|^ääæää\áAN^↔{æääbáá]ÁÑ~↔→æ\ÊÄ
*ÊÄ S.

GUÁ

ÚáæÁ*ãæbæ^ÁÖ|b\áàÁNä~>*áÁb\ã|'\|ãæÊÁ}↔\áÁáää↔\↔~^bÁá^áÁãæ^~{áË
\↔~^bÊÁ↔bÁ\áæÁ~ã↔↔^á→Áää↔'á\æÁ↔^ÁFÎÏÊÁ^ää\|bÁ\áæÁ~>æb\ÁQ|\áæãá^Á
Oã|ã'á↔^ÁRá↔^æÁ~|\b↔æÁ~àÁÙá→ã~ã~ÊÁ Ø\Á↔bÁá^Áá↑á|æ|ãÁ↔b\~ã↔^CbÁ
ææ↔↔&á\Á}↔\áÁ*↔'\|ãæbÁ~àÁæ{æã]Á*áb\~ãÁ↔^Á↔\bÁá↔b\~ã]ÊÁ↔^^|↑æãáâ→æÁ↔\æ↑bÁ
~{æãÁÁÁ'æ^\|ã]Á~>ãÊÁá^áÁâæá|\↔à|→Áb\á↔^æáÁ&→ábEÁ ÚáæÁbæ^bæÁ~àÁ*ã↔æÁ
b|ãæ→]Á*ãæbæ^\Á}áæ^Á\áæÁ'á|ã'áÁ]ábÁ]~|^&ÊÁ↔bÁb\↔→Á{æã]Á↑|'á↔^Áæ{↔ææ'æÁ
\~áá]ÊÁ

Ø^ÁFÎÏÏÊÁÖ|b\áàÁNä~>*áÁ→æà\Á\áæÁsæ}ÁW~ã←ÁU]^~ää\~Á↓↔^Á\áæÁ↑~ãæÁ
'~^àæbb↔~^á→ÁN|&|b\á^áÁU]^~ãÊÁ}↔\áÁ↔\bÁb\ã~^&Áb\á^áÁ~^Áá^Á↔^æããá^\Á
U'ã↔*\|ãæÁá^áÁ\áæÁÙ^á→\æãæÁN|&bâ|ã&ÁO~^àæbb↔~^ÊÏÁ Úá↔bÁ'~^'æã^Áà~ãÁã~'Ë
\ã↔^á→Á↑á\æãbÊÁ*áã\↔'|→áã→]Á↔^Á\áæÁáãæábÁ~àÁ}~ãÁÁ^áÁbá'áá↑æ^ÊÁãæ↑á↔^æáÁ
áÁã↔b\↔^'\↔{æÁ\ãá↔\Á~àÁ\áæÁ'~^&ãæ&á\↔~^Á}æ→Á↔^'\~Á\áæÁ\}æ^\↔æ\áÁæ^\|ã]ÊÁ
Ø^Ááá'\ÊÁ↔^ÁFÎÏÏÁŞáb\~ãÁÒá^bÁN^ããáæÁá'æ*\æá\áæÁ↔{↔^æÁOá→Á\~Ábæã{æÁ
Ö|b\áàÁNä~>*áÊÁáá{↔^&Á\~Á→æá{æÁá↔bÁ^á\↔{æÁU}æææ^Á\~Áã~Áb~ÊÁ Ò↔bÁb\á\æá
ãæáb~^Áà~ãÁb~Áããáb\↔^Ááá↑~{æÁ}ábÁá↔bÁã↔bbá'\↔bàá'\↔~^Á}\↔\á\áæÁU}æã↔báÁ
Q|\áæãá^ÁOã|ã'áCbÁ↔↔ãæã→Áb\á^ábÁ~^Áá~↑~bæ[|á↔\]ÊÁáâ~ã\↔~^ÊÁá^áÁ}~↑æ^CbÁ
~ãã↔^á\↔~^ÈØŞÁ

Ø^ÁFÎÏÏÊÁsæ}ÁU}æææ^Á}ábÁ↔^b\ã|↑æ^\á→Á↔^Áb\áã\↔^&ÁáÁáá|&á\æãÁ'~^&ãæË
&á\↔~^ÊÁÚá↔^↔\]ÊÁU\~'←á~>↑ÊÁæ↔&á\Á↑↔æbÁ\~Á\áæÁ^~ã\áÊÁ Ø^ÁFÎÏÏÊÁ↔\Ááæ→*æáÁ
à~|^áÁá^~\áæãÁ'~^&ãæ&á\↔~^ÊÁ Óá↔\áÊÁ Óáã↔â~|ÊÁ à↔à\ææ^Á↑↔æbÁ\~Á\áæÁb~|\áÊÁ
N→Á\áãææÁ'~^&ãæ&á\↔~^bÁ'~↑*ã↔æÁ\áæÁÁs~ã\áæã^ÁRá↔^æÁQ|\áæãá^ÁŞáã↔báÁÁ

ÏØâ↔ãÊÊÁ *ÊÁ ÌÊÁ

→Ş↔^\æã{↔æ}Á~àÁÙæ^ãæ→ÁU*~~^æãÊÁÖ|→]ÁGÎÊÁ FÎÏÏÊÁ

GÍÁ

}á↔'áĒĀ | ^↔↔Ā \áĀĀāā*áā\ | āāĀ~āĀŞáb\~āĀN^āāāā↔^ĀFĪĪĒĀááāĀ~^→]Ā~^ĀĀ
*áb\~āĒĒFĀN\Ā*āāāā\ĒĀ \áĀĀ*áā↔bāĀ↔bĀ bāā {āāĀā |ĀāĀā | bāā^āĒ}↔āāĀ*áb\~āā→Ā
\āā↑ĒĀ Ū~āāĀRāā↔ā^Ā↔bĀ↔^Āāāā↔āā^ ĀĀā\ĀÖ | b\āāĀNā~→*āĒĀ }ā↔↔āāā↔bĀ}↔āāĒĀ
Ö↔bā↔āĀNāā↔↔^&áá | bĒĀ ā↔{↔āāāāāāāāā~ā\ bĀāā\ }āā^ĀŪā↔↔^↔\ |Āā^āĀŌā↔\āĒĀ

Q~↔↔^&ĀĀ\ĀĀĀ↑á*Ā~āĀRā↔^āĒĀ ~^āĀ↔bĀ b\ā | ^↔Āā |Ā \áĀĀāā \Ā \áá\Ā \áĀĀ~^'áĒ
\↔~^Ā~āĀ \áĀĀ*áā↔bāĀ* | bĀ↔\Āā→↑~b\Ā\ }~Āā | ^āāāā↑↔↔āāāā~↑Ā↔\bĀ^āāāā\Ā
Q | \áāāá^Ā^ā↔&āā~āĀ↔^ĀNā^&~āĒĀ ~ {āāĀ \áāāāĀ | ^āāāā↑↔↔āāāā~↑ĀŞ~ā\→á^āĒĀ
O~^bā@ | Ā\→]ĒĀ \áĀĀ*áā↔bāĀāābĀāāā\~Āāā^~↑āĀ[\āā↑↔]Ābā→āĒāā↔↔^'Āā^āĀ
ā [*āāāāā\á↔bĀāā↔↔^'āā↔^Ā↑á^]Ā }á | bĒĀ N~\áĀŞā }ĀU}āāā^Āā^āĀU\~^'ā~→↑Ā
āá {āĀā↔^āĀā↔b\~ā↔^'á→Ā↑ | bā | ↑bĒĀ á^^ | á→Ā^'á | ā^'āāā^āĀ^'á | ā^'āĒb*~^b~āāāĀ^~↑Ē
↑ | ^↔\ |Āāā↔↔{á→bĒĀ á^'āāāĀ}↔āāāā^&āā~āĀá \↔{āĀ^'á | ā^'āĀ~āāā^'á↔^'á↔~^bĒĀ ŪāāĀ
āā↔\áĀá^āĀ↔^'á | b\ā |Ā~āĀ \áĀĀ*ā~*~āĀ~āĀ \áĀāāāāāāāā^~\ā}~ā\á |ĒĀ R~āāā↔↑Ē
*~ā\á^'\→]ĒĀā~}ā {āāĒĀ \áĀāā↔b\~ā↔^'á→Ā b↔^&↔^'á^'āĀ~āĀQ | \áāāá^'á↔b↑Ā↔^'á\á↔bĀ
āā↔~^'ā↔bĀā {ā^'á↑~āāĀ^'á*\↔{á\↔^&ĒĀ

ŪāāĀbā~^'āĀ↑á↓~āĀ^'ā\āāā~āĀā\á^↔^'ĒāāāāāQ | \áāāá^'á~^&āāā\↔~^bĀ
āāā↔āāā}↔\á↔^'Ā \áĀāā↔b\~ā |Ā~āĀŌ↔āb\ĀQ | \áāāá^'ĀŌā | ā^'āĀ~āĀŞ~ā\→á^āĒĀ }á↔^'áĀ
'ā↔āāā\āāā↔\bĀ~^'āāā | ^āāā\áāá^↔{āāāā |Ā↔^'ĀFĪĪĒĀ ↓ | b\Ā \áāāā }āāāāā\āāā
Ö | b\áāĀNā~→*āĒĀ ŌāĀ~^'āĀ}āāā\~Āāāā }ĀāĀ^'↔^'āāā↔{āĀ↑↔↔āā↔^'Āā↔áā\āāā}↔\áĀ
↔\bĀ^'ā\āāā\ĀŌ↔āb\ĒĀ~^'āĀ}~ | →āĀāā {āĀ}↔\á↔^'Ā \áá\Āb↑á→Āāāāāā~ | āĀ~āĀ \áĀĀ
ā↔&á\Āá^'\↔{āĀā\á^'↔^'ĀQ | \áāāá^'á~^&āāā\↔~^bĀ↔^'Ā \áāā\á\āĪĀ á^'āāā→Ā~āĀ \áā↑Ā
āá {āĀā↔āā^'Ā↔^'bĀ \~ĀŌ↔āb\ĀQ | \áāāá^'ĒFGĀŌ^'ĀFĪĪĒĀ Ō↔āb\Āābb↔b\āāā↔^'Ā \áāĀ

→ĀŪā↔~^'āĀ\~Ā \áĀĀŞ~ā\áāā^'ĀRā↔^'āĀQ | \áāāá^'ĀŞáā↔bāĀāā~^'á | āāĒĀ FĪĪĒĀ
FGŌ↔āb\ĒŞ~ā\→á^'āĪĀ Ūā↔^'ĀN^b&āāĒŞ~ā\→á^'āĪĀ Ō^'á | bĒŌā→↑~ | \áĀá^'āĀ
Ūā↔^'↔\ |ĒŪāb\āā~↔ĒĀ

à~ãíá\↔~^Á~àÁŪã↔↔\]ÁQ|\åæãá^ÁOâ|ã´áÊ↔^Á\åæÁ↑↔↔→Á\~}^Á~àÁŪæb\ãã~↔~ÊÁ
æ{x^Á\å~|&áÁ↔\bÁ↑æ↑âæãbâ↔*Á}ábÁ Çá´áÁãæ↑á↔^bÁ\~Á\å↔bÁää]DÁáæá{↔↔}ÁÇá^↔bâÊÁ
Ūâ↔bÁ↔bÁ^~\Áá^Á↔^ä↔^↑æ^ÊÁ↓|b\Áá^Á|^|b|á→Áb\á\æ↑æ^Á~àÁää´\Ááâ~|\ÁÔ↔ãb\Á
Q|\åæãá^ÊÁ}á↔^áÁáääÁ\åæÁ\æ↑æã↔\]Á\~Ábæ\Ááb↔äæÁæ\á^↔^Áä↔ààæãæ´æbÁ↔^Á~ääæãÁ
\~Á^áã\↔^↔^á\æÁ↔^Á\åæÁ&ãæá\æãÁ}~ã^Á~àÁ\åæÁÔ~b*æ→ÊÁ Ūâ↔bÁÄæ\á^↔^Áâ↔~^äË
^æbbÁÄ↔bÁ^~Áä~|á\Áá\ã↔â|\áâ→æÁ\~Á\åæÁ↔^↔↔↔→á→Á↑á↔æ|*Á~àÁÔ↔ãb\CbÁ↑æ↑âæãË
bâ↔*ÌÁ äää}↔^&Á´~→æ´\↔{æ→]Á àã~↑ÁÇæã^áãÊÁS~ã}á]Áá^áÁU}ææ^ Á^F ^{GÁ} Ø^Á
b|´´ææ↔^&Á]æääbÊÁ Ô↔ãb\Áá´\↔{æ→]Á*ã~↑~\æää\åæÁ&ã~}\åáá^áÁ↔^à→|æ´æÁ~àÁ
Q|\åæãá^↔bÁ↔^Áb~|\åæã^ÁRá↔^æÊÁæb*æ´↔á→]Á|^ææÁ\åæÁ~ã´æà|→Á→æääæãbâ↔*Á
~àÁŞáb\~ãÁPÊÁ ŠÊÁ U\~ã↔~Á↔^Á\åæÁFîi€CbÊÁ Ø\Á}ábÁà|ã↔^&Á\å↔bÁ\↔↑æÁ\áá\Á
ább↔b\á´æÁ}ábÁãæ^äæãæãÁ↔^Á\åæÁ~ã↑á\↔~^Á~àÁÔ^↑á|bÊÁ Ôá→~|\åi↔^ÁFîi€ ÊÁ
Ūá↔^AN^b&ááÊÁ Ş~ã\→á^äÁ↔^ÁFîiHÊÁ á^áÁÔ^↑á|æ→ÊÁ Ş~ã\→á^äÁ↔^ÁFîiIŁyÊÁŪáæÁSæ}Á
Ôá↑*bâ↔ãæÁâ~ãääæãÁ↔^á^~\Áâ~→ãÁâá´↔^ÁÔ↔ãb\CbÁ`æá→~|bÁ→á]Áá^áÁ*áb\~ãá→Á↑↔bË
b↔~^áã↔æbÁábÁŪã↔^↔\] ŽÁŃæã↔~ÊÁ~}æbÁÔ↔ãb\ÁáÁæã\Á~àÁ&ãá\↔\|åæÁábÁ}æ→ÊÁ
Şæääá*bÁ↑~b\Á|^|b|á→Á}ábÁ\åæÁâ~~b\Á&↔{æ^Á\~Á\åæÁU´á^ä↔^á{↔^á^ÁŃæ\á→æáæ↑Á
Oâ|ã´áÊÁ}á↔^áÊÁábÁáábÁâæ^Á\åæÁ´ábæÁ}↔\á↑~b\Á^~^Á~ãÁ@|áb↔Ë´~^àæbb↔~^á→Á
Q|\åæãá^Á`á|ã´áæbÊÁáábÁâæ´~↑æÁâæ´↔äæã→]Á↑~ãæÁbæà~ã↑æãÁ↔^Á↔\bÁ àá↔\åáá^áÁ
*áá´\↔^æÁá^áÁ↔bÁ^~}Á\åæÁŞá]b~^ÁŞáã↔^ÁÔ{á^&æ↔^á→ÁÔãææÁOâ|ã´áË^F ^{HÁ} Ń]Á\åæÁ
\↔↑æÁ~àÁ\åæÁáãã↔{á→Á~àÁ\åæÁŃá\↔↔æbâ↔*ÁÄRá↔^æÄÁ↔^ÁŞ~ã\→á^äCbÁááãã~ãÁ↓|b\Á
*ã↔~ãÁ\~Á↔\bÁâ→~}↔^&Á|*Á↔^ÁÔá{á^áÁá^áÁbæ\↔^&Á~àÁ\åæÁU*á^↔báÁN↑æã↔^á^Á

^FG Ô↔ãb\ÁQ|\åæãá^ÁOâ|ã´áÊÁ ÄŃæÁáÁŃ→æbb↔^&ÊÁÁOæ^\æ^↔^á→ÁOæ→æääá\↔~^Á
Ń~↔~↔æ\ÊÁ FîiHÊ F î iH ÊÁæ´~^áÁ*á&æÁ Ç*á&æbÁ|^|^↑âæãæãDÊÁ

FHÔâ↔ãÊÊÁ *ÊÁ ÇÊÁ ŪáæÁ}~ãääÁÄÔ{á^&æ↔^á→ÄÁ↔bÁ &æ^æää→]ÁábAb\ã~^&Á↔^Ë
ä↔^á\↔~^Á~àÁ\åæÁQ|\åæãá^Áæã↔\á&æÁá^áÁâæ↔æàbÁ]^äæã→]^↔^&Á\åæÁâ~~\bÁ~àÁ
á^]Á´~^&æ&á\↔~^Ááá{↔^&Á\áá\Á}~ãää↔^Á↔\bÁ^á↑æÊÁ Ø^Á↑~b\ÁÔ|ã~*æá^Á
~|\ã↔æbÊÁÄÔ{á^&æ↔^b´áÄÁ↔bÁÁQ|\åæãá^ÊÁ

GĪĀ

ŪáãĒĀ \æĀŪ' á' ä↔á {↔á^ĀQ | \æãá^Ā' á↑ã | ^↔\]Ā↔^Ā \æĀáãæĀĒĀ } ↔ \áĀ↔ \bĀ à↔ {æĀ
' ~ ^ & ãæ&á \↔ ~ ^ bĒĀ } ábĀá^Ā↔ * ~ ã \á^ \Āáá' \ ~ ãĀ↔^Ā \æĀb*↔ã↔ \ | á→Ā → ãæĀ~ ãĀb~ | \æ↑Ā
Rá↔^æĀĀ \Ā \æĀ | \ ↑Ā~ ãĀ \æĀ' æ^ \ | ã]ĒFIĀ Oá^ * áãæĀ \ ~ Ā \æãĀãæ^ ~ ↑↔á \↔ ~ ^ bĀ↔^Ā
b↔ ãĒĀá~ } æ { æĒĒĀQ | \æãá^↔ b↑Ā } ábĀb \↔ → Āá↑ ~ ^ & \æĀb↑á → æb \Ā } ↔ \áĀ * æãáá * bĀGĒĒĀ
↑æ↑ææbĀ } á↔æĀ \æĀb~ ↑á^ĀOá \á~↔↔ ĀOá | ã' áĀá→ãæá]ĀáááĀĪĒĒĒĒĒ↔^ĀFbĪH^MĀ á^áĀ
} ábĀ~ * æãá \↔ ^ & \æĀ↑ ~ b \Ā↔↑ * ãæbb↔ { æĀ * áã' á↔á→Āb' á~ ~ Ā b] b \æ↑Āá^ } } áæãĒĀ ↔^Ā
Sæ } ĀÓ^ & → á' ä ĒĒĀá { æĀ \áá \Ā↔^ĀO~ ^ ^ æ' \↔ | \ĒFIĀ

∅ \Ā↔ bĀbá↔ ãĀ↔^ĀŪ' á' ä↔á {↔á^Ā' ↔ã' →æbĀ \áá \Ā \æĀQ | \æãá^ĀOá | ã' áĀ } ~ | →ãĀ
^ ~ \Āáá { æĀ&~ \ \æ^Ā~ ãĀ \æĀ&ã~ | ^ãĀ↔^Ā \æĀ\$~ã \→á^áĀáãæĀĀ } ↔ \á~ | \Ā \æĀáá { á' æĀ
} ~ ã←Āã~ ^æĀĀ]Ā \æĀCCQáã↔æbĀN↔ãĀŪ' ↔æ \↔æbĀĀ~ ãĀ \æĀáá]ĒĀ ∅^ĀĀOá→↑~ | \æĒĀ à~ãĀ
æ [á↑ * →æĒĀ \æĀQáã↔æbĀN↔ãĀá→b~Ā' áãæĀĀ~ãĀ \æĀb*↔ã↔ \ | á→Ā ^ææbĀ~ ãĀ \æĀ↑æ^Āá^áĀ
æ {æ^Āãæ' ~ããæĀ \æĀ↔ãĀáâbæ^' æĀáãá^Āã& \→áã→Āb' áæä | →æĀ↑ææ \↔ ^ & bĒFIĀ ∅ \Ā } ábĀ
\á↔ bĀ&ã~ | *Ā } á↔' áĀá * ~ã' á' áæĀ\$áb \ ~ãĀÓ→æb \ááĀ~ ãĀ \æĀS~ã } æ&↔á^ĀQ | \æãá^Ā
Oá | ã' áĀ↔^Ā\$~ã \→á^áĀ Ç^~ } ĀÓ↔ãb \ĀQ | \æãá^ĀDĀ à~ãĀ *áb \ ~ãá→Ābæã {↔' æbĀá^áĀ } ~ãbá↔ *Ā
~ * ~ã \ | ^↔ \↔æbĀ *ã↔~ãĀ \Ā↔^Ā ~ã * ~ãá \↔ ^ & \æĀ↔^Ā \ĀÓ↑á | bĀ' ~ ^ & ãæ&á \↔ ~ ^ ĒFIĀ

ŪáæãĒĀ↔ bĀb~ ↑æĀã↔ ãæãæ^' æĀ~ ãĀ~ *↔↔~ ^Āáâ~ | \Ā \æĀ↔↔↔ \↔á→Ā * ~↔^Ā \Ā~ ãĀ
~ã↔↔^Ā~ ãĀ \æĀĒĀ^↔ bĀĀ *æ~ *→æĒĀ } á~Ā~ | ^ãæĀCCŪæĀĀ↔ãb \ĀĒá^↔ bĀĀÓ { á^ & æ↔' á→Ā
Q | \æãá^ĀOá | ã' áĀ~ ãĀŪæb \ãã~ ~ãĀ Ç^~ } ĀŪá↔↔ \]DĀ↔^ĀFĪĒĒĒĒĒ ŪáæãĒĀ } æãĒĀ

→UN→âæã \ĀĀĒĀ Nãã^æbĒĀæã↔ \ ~ãĒĀŌãá \æãĀ\$~ã \→á^áĀOæ→æããá \↔ ~ ^ ĀĒĒĒĒĒ
Ç\$~ã \→á^áĒĒĒĒĒ^æ \ \ĀN~ ~↔ bĒĒĒĒĒ FĪĪHĒĒĒĒ *ĒĒ FĒĒĒĒĒ

FŪ Ōæãæã \ĒĀ*ĒĒ HFĪĒĒ

FĪ } ↔↔↔á↑ĀQæ~ĀQ | 'æ]ĒĒĒ ŪáæĀOá \á~↔' ĀOá | ã' áĀ↔^ĀRá↔^ĀĒĒ ÇŌãá^' æb \ ~ } ^ĒĒ
Sæ } ĀÓá↑ * bá↔ãæĒĒĒããbáá→ĀO~ ^æbĒĒ FĪĪĒĒĒĒ * *ĒĒ FĪĒĒĒĒĒĒ

→ĪFâ↔ãĒĒĒĒ *ĒĒ ĪĒĒ FĪFâ↔ãĒĒĒĒ *ĒĒ ĪĒĒ

ĜĉÁ

á* *áãæ^\rightarrow]ÁĈá^æbÁàã~↑ÁŠæ}ÁĈæ^↑áãĉĒÁ Šæ}ÁŃã| ^b}↔←Á}á~Á↔^↑↔&ãá\æãÁ\~Á
 Ûæb\âã~~←Á↔^Á\áæÁæãã→]ÁFĪĪĉbĒÁ]æ\Á\áæÁ~àà↔↔á→Á'æ^\æ^↔á→Áá↔b\~ã]Á~àÁ
 Úã↔^↔\]Á↑á←æbÁ^~Á↑æ^\↔~^Á~àÁ\á↔bĒĜĈÁ Ø^ÁáÁãæ↔&á\à|→Á↔^\æã{↔æ}ÁØÁáááÁ
 }↔\áÁRãbĒÁRáãæ^ÁÓáã↔b\↔á^bæ^ĒÁ}á~Á}ábÁ'~^àã↑æãÁÁ\ÁÚã↔^↔\]Á↔^ÁFĪFĉĒÁ
 bãæÁá→b~Áã↔ãÁ^~\Áãæ'á→Áá^]Á↑æ^\↔~^Áá\Á\áæÁ\↔↑æÁ~àÁ\áæÁŠæ}ÁŃã| ^b}↔←Á
 '~^æ'\↔~^ĒÁ ÚãæÁã↔ãĒÁá~}æ{æãĒÁáá{æÁáÁ&ãæá\Áãæá→Á\~Ábá]Ááã~|\Á\áæÁ
 b\ã~^&Áæ\á^↔^Á*ãæbb|ãæbÁ↔^áæãæ^\Á↔^ÁĈá^↔bãÁQ|\áæãá^↔b↑ĒÁ Ø^Á~^æÁ↔^b\á^'æĒÁ
 \áãæÁáã~\áæãbÁ↑áãã↔æãÁ\áãæÁb↔b\æãbÁ~àÁá~\áæãÁáã↑↔↔]ÍÁá→Áb↔[Á]æãæÁ
 ↑æ↑âæãbÁ~àÁÚã↔^↔\]ĒÁ Ûãæ^Á~^æÁ~àÁ\áæ↑ĒÁÓã^æb\ÁU↑↔\áĒÁ}ábÁáb←æãÁ}á]ÁáæÁ
 á^áÁá↔bÁãã~\áæãbÁáááÁãæ^Áb~Á|^↔↑á&↔^á\↔{æÁ↔^Á\áæ↔ãÁ↑áã↔\á→Á'á~↔'æbĒÁáæÁ
 ãæ*↔æãĒÁ}æÁ}æãæÁb|**~bæãÁ\~Á↑áãã]ÁĈá^↔bãÁá^áÁQ|\áæãá^Áá^áá\áæ]Á}æãæÁ
 \áæÁ~^→]Ááá↑↔↔]Á}æÁ←^æ}ÁÇ}↔\áÁæ↔&↔á→æÁ&↔ã→bDĒĀĜFÁ

ÚãæÁ\á↔ãáá↑á↓~ãÁæ\á^↔^ÁQ|\áæãá^Á'æ^\æãÁ↔^ÁRá↔^æÁ↔bÁ↔^Áá^áÁãã~|^áá
 U~|\áÁŠáã↔bÁÇ'|ã↔|bÁ^á↑æÁà~ãÁáÁU'á^á↔^á{↔á^ÁáãæáÁDÁ}á↔^áÁáábÁãæ^Á\áæÁ
 à~|bÁ~àÁÔ↔^↔↔bãÁ↔^↑↔&ãá\↔~^Á*á\æã^bÁb↔^'æÁ↓|b\Ááà\æãÁ\áæÁáá{æ^Á\~àÁ\áæÁ
 Ú}æ^\↔æ\áÁÓæ^\|ã]ĒÁ Óá\áæã↔^&Á↔^à~^á\↔~^Ááã~|\Á\á↔bÁáb*æ^Á\~àÁQ|\áæãá^Ē
 ↔b↑Á↔^ÁRá↔^æÁ↔bÁ{æã]Áã↔àà↔'|→\ĒĜĜÁ

Ĝĉ~ãá→ÁÔ↔b\~ã]ĒÁ Šáb\~ãÁĈá^ÁÔ↔↔ãæã\ĒÁ Ő|→]ÁĜĪĒÁ FĪĪĪĒÁ *ĒÁ ĤĒÁ N→b~Á
 Šãá→ÁÔ↔b\~ã]ĒÁ Šáb\~ãÁŃ→ÁŃãã^æbĒÁ Ő|→]ÁĜĪĒÁ FĪĪĪĒÁ *ĒÁ ĪĒÁ

ĜFRáãæ^ÁÓáã↔b\↔á^bæ^ĒÁ Ø^Á\æã{↔æ}Á↔^ÁáæãÁá~↑æÁ↔^ÁÚæb\âã~~←ĒÁRá↔^æĒÁ
 Ő|→]ÁĜĪĒÁ FĪĪĪĒÁ

ĜĜÙãæ^ÁØÁáããá^&æãÁ\~Á↑ææ\Á}↔\áÁŠáb\~ãÁŐ|→\&ãæ^ÁáæÁább|ãæãÁ↑æÁ\áá\Á
 áæÁ}~|→ãÁ'~^á'\Áá→Á~àÁ\áæÁ~→ãæãÁ↑æ↑âæãbÁ~àÁ\áæÁ'~^&ãæá\↔~^Á\~Á
 *áã\↔^↔^á\æÁ↔^Á\áæÁ~ãá→Áá↔b\~ã]ĒÁ ŐãÁã↔ãĒÁ S~^æÁ'á↑æĒÁ

ĜFĀ

ĈĉĒĒ Ĕx→↑ | \ÁQxá↑á^ĒĒ ĒĒ ↔^Ā ↔^ \ā~ā | ' ↔^ &Āā↔bĀ *āxbx^ \á \ ↔^ Ā~^ĀĀŪāxĀ
 Px↔& ↔ | bĀÓ [*xā ↔ x^ xĀ~āĀ Ĕ ↔^ ĀbĀ ↔^ ĀSxĀ } ĀÓ^ & → á^ āĀĀ \~Ā \āxĀá^ | á → Ā↑ xax \ ↔^ &Ā
 ~āĀ \āxĀSxĀ } ĀÓ^ & → á^ āĀQ | \āxāá^ ĀĔ ↔ b \~ā ↔^ á → ĀU~' ↔ x \] Ā ↔^ ĀFĪĪĤĒĒ bá ↔ āĒĒ Ā \āxĀĔ ↔^ ĀbĀ
 āāxĀ \āxĀ → xáb \Ā ←^~} Ā~āĀ \āxĀx \ → ↑ ↔^ Ā & ā~ | *bĀ ↔^ ĀSxĀ } ĀÓ^ & → á^ āĒĒĜĜĀ ĔxĀbá ↔ āĀ
 \āá \Ā \ā ↔ bĀ } ábĀā | xĀ ↔^ Ā * āā \Ā \~ĀĀĀ & x^ xāā → Ā \á \ ↔ | ā^ ↔ \] Āá ↑~^ &Ā Ĕ ↔^ ĀbĒĒ Ū~Ā
 ↔ ↔ | b \āā \xĀ \āxĀ * ~ ↔^ \ĒĒ Qxá↑á^ĒĒ \~ → āĀ \āxĀb \~ā \Ā~āĀáĀĔ ↔^ Ā ↔ bĀā āā^ xāĀ } á~Ā
 b ↔ & á → xāĀ \~Āā ↔ bĀ↑ | \xĀb~^Ā \~Āāā ↔^ &Āā ↔ ↑ ĀáĀ * ↔ \ ' āxāĀ~āĀ ↑ ↔ xĒĒ Ūā \ ' ā ↔ &Āā ↔ bĀ
 āā \āxāĀāā ↔^ ↔ ĀāxĀ * → \ĒĒ \āxĀĀ~] Ā } ábĀāāāāā ↔ āĀ \āxāxĀ } ~ | → āĀāxĀ^~^ xĀ → xā \Ā ā~āĀā ↔ ↑ Ā
 á^ āĀāxĀ^ ā ↔ xāĒĒĒ Ū \~ * ĒĒ āā \āxāĒĒ → xā { xĀb~ ↑ xĀ ā~āĀ ↑ xĀĀĀ ĀR] Āb~^ĒĒ] ~ | Ā' á^ Ā
 b * xā^ ĀĀĀ' ā ↔ xāĀ \āxĀ āā \āxāĀ ↔^ Āáb \~^ ↔ b | ^ x^ \ĒĒ ĈŪā] Āāā { xĀ } ~ | Ā^ x { xāĀb * ~ ↔ x^ Ā
 āxā~āxĀĀ Ū~Ā } á ↔^ áĀ \āxĀb~^ ĀāxĀ * → xāĒĒ ŪŪāxāxĀ } ábĀ^ x { xāĀá^] \ā ↔^ &Ā \~Ā \á × Ā
 āā~ | \ĒĒĜĜĀ On \āxĀbāx ↔ | bĀb ↔ āxĒĒ \āxĀU | ~ ↑ ↔ ĀU] ^ ~ āĒĒ ↔^ Ā \āxĀFĪĜxĒbĀā āĀ ĜxĒbĀ
 } ábĀāxĒxĀ \ĀĀ] Ā \āxĀā | á → Ā * ā~ā → xĀ Ā~āĀĀ ↑ [xāĀ↑ āāā ↔ ā & xĒbĀá á^ āĀ \āxĀĀ → á^ & | á & xĀ
 @ | xĒ \ ↔^ ĒĒĒ Ōāá^ Ā \āxĀ ↑ ↔ āĒĒ } x^ \ ↔ xĒbĀ \~Ā \āxĀ ↑ ↔ āĒĒ \ā ↔ ā \ ↔ xĒĒĒ \āxĀāá * \ ↔^ xāĀ
 U | ~ ↑ ↔ Ā↑ xĀ^ āxābā ↔ * Āāā~ * xāĀááā | → Ā \ā ↔ āāĪĀ āā~ ↑ Āā~ | & ā →] ĀĜĪĒĒĒĒ \~ĀĜĤĒĒĒĒĒĒĒĒĒ
 Ø^ ĀRá ↔^ xĒĒ~ | \Ā~āĀ \āxĀ ā~ | āĀ' ~^ & xā & á \ ↔^ bĀxĒb \á ā ↔ bāxāĀāxĀ } xĀ^ ĀFĪFĤĒĒ Ā^ āĀ
 FĪĪĜĀ ~^ →] Ā~^ xĒĒ Ūā ↔^ ↔ \] ĒĒ Ū~ | \āŚáā ↔ bĒĒb | ā { ↔ { xĒĒĒ Ĕ~ā ↑ xāĀŚá b \~āĀĔ | → \ & xĀ^ Ā
 xĒ \ ↔ ↑ á \ xāĀ ↔^ Ā ŪxĀ * \ xĀ^ āxāĀ~āĀFĪĪĪĪ \āá \Āā | →] ĀĪĜĀ * xā' x^ \Ā~āĀ \āxĀ' ~^ & xā & á \ ↔^ Ā
 ↔ bĀ↑ áāxĀ | * Ā~āĀ * x~ * → xĀ } á~Ā } xāxĀā~ā^ Āá^ āāāā ↔ bāxĀ ↔^ Ā Ū~ | \āŚáā ↔ bĀá^ āĀxĀĒ
 { ↔~^ bĒĜĪĀ NāāĀ \~Ā \āá \Ā \āxĀ āā' \Ā \āá \Ā \āxĀ * x~ * → xĀáāxĀ { xā] Ā * ā ↔ { á \ xĀá^ āĀ

ĜĜĔx→↑ | \ÁQxá↑á^ĒĒ ĒĒ Ĕ~ | ā^ á → Ā~āĀ \āxĀSxĀ } ĀÓ^ & → á^ āĀQ | \āxāá^ ĀĔ ↔ b \~ā ↔^ á → Ā
 U~' ↔ x \] ĒĒ ĜĜĀ ĈŪ * ā ↔^ &ĀFĪĪĪĪĪĪĜĜĒ

GHFā ↔ āĒĒĒ *ĒĒ FĜĒĒ

GIŌá' ~āĀĔx↔ ↔^ x^ ĒĒ ŪāxĀU \~ā] Ā~āĀ \āxĀU | ~ ↑ ↔ ĀU] ^ ~ āĒĒ ĈSxĀ } ĀW~ā ↔ ĀŌá → bĒĒ
 R ↔^ ĀxĒ \āĒĒ Ĕx↔ ↔^ x^ ĒĒ FĪĪĪĪĪĪĒĒ

GIŪ~āá → ĀĔ ↔ b \~ā] ĒĒ Śá b \~āĀŚá ↔ ĀĔ | → \ & xĀ^ ĒĒ ŪxĀ * \ xĀ^ āxāĀĪĒ FĪĪĪĪĪĪ *ĒĒ FĒĒ

ĜĜÁ

Äääääæ→]Á~æ\Á\áæ↔ääàææ↔^&bÁ~|\ÈÄÁá^ää\áá\ÁÄ\áæää↔bÁ^~Á^~↑^↔\↑æ^Á\~Á
*ää~→á↔↑↔^&Á\áæÄÖ~b*æ→Á\~Á\á↔bÁ^~↑^|\↔\]Áæ↔\áæää↔^Á\~ääÄ~ää↔^ÁääæääÈÄÁ
á^ää]~|Áää{æÁ\áæÁ↑á↔^&bÁ~àÁáÁ{æää]Á*ää^áää↔|bÁb↔|\á\↔~^ÈĜÍÁ

ÚáæÁà~|ää\áÁ↑á↓~ääÁæ\á^↔^ÁQ|\áæää^Á^æ^\æää↔^ÁRá↔^æÁ↔bÁ↔^Á\áæÁ\}↔^È
^↔\↔æbÁáääæÁ~àÁQæ}↔b\~^Áá^ääN|â|ää^ÈÄ Öæää}æÁæ^~|\æääÁá↑á↓~ää\}↔b\Á↔^Á
\áæÁ|b|á→Á\á→æÁ~àÁ↔^↑↔&ää^bÁ↑↔&ää\↔^&Á\~ÁáÁ↔{æ^ÁáääæáÁ}↔\á\á\áæÁ
Q|\áæää^Á^á|ää^áá^~bæÁâæâ↔^ääÈÄ N|â|ää^Áá^ääQæ}↔b\~^Á}æääÈÄá^ääÁáæÁ↑á↓~ää
↑á^|àá^\|ää^&Á^↔\↔æbÁ↔^ÁRá↔^æÌÁæb*æ^↔á→]Á~àÁ^~\~^Á&~äbÈÄ Úá↔bÁ\ääääÁ
á\~ää^æää↑á^]ÁÖæää↑á^È↔^↑↔&ää^bÁâ|\Á^æ{æää↔^Á→áää&æÁ&ää~|*bÁábÁ}ábÁ\áæÁ
^ábæÁ↔^ÁÚá→ä~â~ääÈÄ~ää\áæÁQ|\áæää^Á^æ↔&â~ää~äbÁ~àÁŝ~ã→á^ääÈÄ Ö~^È
bæ@|æ^→]ÈÄ\áæÄÖæää↑á^bÁ~àÁ\áæÁ\}↔^Á^↔\↔æbÈÄ^~\Ááá{↔^&ÁáÁQ|\áæää^Á^~^&ääÈ
&á\↔~^ÈÄ~↔~æääà~ää\áæ↔ääb*↔ää↔|\á→Á^|ää|\æÁ↔^Á\áæÁÓ*↔b^~*á→Áá^ääÖ~^&ääÈ
&á\↔~^á→Á^á|ää^áæbÈĜíÁ

U~↑æÁ~àÁ\áæÄÖæää↑á^Á↔^↑↔&ää^bÁááää^~↑æÁ}↔\áÁb*æ^↔á→Á↔ää^↔à↔^á\↔~^Á
*á*æääbÁ}á↔^áá^æää\↔à↔æää\áæ↔ääb\á|\bÁábÁàá↔\áà|→Á↑æ↑âæääbÁ~àÁÄÚáæÁÓ{á^&æ↔È
^á→ÁQ|\áæää^Áá^ääFæää~ã↑æääÖá|ää^áÁÚ^↔~^ÁÄÇ\áæÁU\á\æÁÖá|ää^áá~àÁŝã|bb→ádÈÄ
ÚáæbæÁ*á*æääbÁ}æää\~Ábæää{æÁábÁ→æ\æääbÁ~àÁ↔^á~ää|\↔~^Á\~ÁáÁQ|\áæää^Á^~^È
&ää&á\↔~^Á↔^Á\áæÁÚ^↔\æääU\á\æbÁ^æää↔à]↔^&Á\áá\Á\áæÁâæääääááääâææ^Á
*ää~*æää]Ááá*↔~æääá^ää^~^à↔^æääábÁáÁQ|\áæää^ÁÖáää↔b\↔á^ÈÄ Úb|á→]Á\áæbæÁ
→æ\æääbÁ}æääÁáääääæbbæääÁää↔ææ^→]Á\~Áæ[↔b\↔^&Á^~^&ää&á\↔~^bÁ↔^ÁN↑æää^áÈÄ
Ø\Á↔bÁà~|â\à|→Á\áá\Á\áæÁæb\áâ↔bá↑æ^Á~àÁÖæ^á^]ÁábÁáá^á\↔~^Á↔^ÁF↑]ÉÁ
}~|→ääáá{æÁ&↔{æ^Á^á|bæÁ\~Áá→\æää\áæÁâáb↔^Áà~^á\Á~àÁ\áæbæÁ→æ\æääbÁ~\áæää

ĜĜÁ↔ÈÈÄÁ^ÈÄ ĜĜÁ

Ĝí Öää^æÁÓ{á^&æ↔^á→ÁQ|\áæää^ÁÖá|ää^áÈÄWæääÄÑ~↔~^Áá^ääÖá|ää^áÁ↔~æ^~\~ää]Á
Qæ}↔b\~^ÈÄRá↔^æÈÄ ÇFİĜFLÈÄÁ Ö→æ{æ^á\á^á&æÁÇ^á&æbÁ|^|^↑âæääÈÄ

ĜĜĀ

\áá^Ā\áĀ↔āē^\↔\Ĵ~àĀ\áĀ^á↑ĀĀ~àĀ\áĀ^~|\^ãĴĒĀ ÚáĀĀà~→→}\↔^Ā\áĀ^↔bĀ

b|\^áĀ^Ā↔āē^\↔à↔^á\↔~^Ā*á*ĀĀ~àĀ~^Ā Q↔^āáĀR|\↔→ĀĀĀāā~↑Ā\áĀRáā↔Ā

Ŋāā^āē^ā|\ā&Ā↔^ĀŖšā|bb↔áĒĀ}ā↔\|Ā^ĀĀ\ĀāĀĀ*áb\~āĀ↔^ĀáĀQ~\ĀŌāā↑á^Āā↔á↔ē^\Ā

~^ĀĀē^ā↑āĀĀĀĴĒĀĴĴĜĒĀ

Q↔^āáĀR|\↔→ĀĀĀ}ā~Ā↔bĀFHĀ|\ĀāābĀ~→āĀ↑|b\Ā^~\Ā→Āā{\ĀĀ~|\āĀ&~→ā↔~|bĀ→á^āĀ
ā^āĀ↔^↑↔&āā\ĀĀCb↔DĀ\~ĀN↑Āā↔^áĒĀ NĀ*āā\Ĵ~àĀĴĀ*ē~*→ĀĀ}\↔→Ā\āā{\ē→Ā
}\↔\āĀāĀĀāā~āāāĀŌ↔bĀRá↓āb\|CbĀbā↔*ĒĀ ÚāĀĀ}\↔→Ā&~Ā\~Ā↓~↔^Ā*āā\Ā~àĀāĀĀĀ
āā↑↔\ĴĀ↔^ĀN↑Āā↔^áĒĀ ÚāĀĀ}\↔→Ā→á^āĀ↔^ĀSĀ}ĀW~ā↔ĒĀ ŌĀ}ā↔\ĀĀ\ā↔bĀ→ē^\āĀĀ
ābĀāĀĀŖšāb\~āĀ\~Ā↔āē^\↔à\ĴĀāĀĀ\~Ā~|\āĀ^~^&āē&á\↔~^Ā↔^ĀN^Āā↔^áĒĀ
Ōāā~→~^ĀN^ĀāĀQ↔^āáĀR|\↔→ĀĀĀ}ābĀā~ā^ĀŌ|\^ĀĜĴĒĀĴĴĜĒĀ ÚāĀĀ}ābĀāā*\↔~ĀĀĀ
ā\ĴĀ↑\ĴĀā^āĀŌ|\ĴĀFHĒĀĴĴĜĒĀ↔^Ā~|\āĀŌāā↑á^ĀŌ{\ā^&ē↔~á→ĀQ|\āāāā^Ā^ā|\ā^āĀ
~àĀNāē↔^ĒĒ\āĀŌā\āāāā→ĀŌā|\ā^āĒĀ ŌāāĀ↑~\āāāĀ↔bĀN^ĀĀN|\&|b\āĀQ↔^āáĀ
ÇUē^ā\ĴĀR|\↔→ĀĀĀĒĀĀāā\āāā↔bĀU↔→āē→ĀPāā→ĀŌ~āā^ĀR|\↔→ĀĀĒĀ Q↔^āáĀ
R|\↔→ĀĀĀ}\↔→Ā&~Ā\~ĀN↑Āā↔^áĀ\~Ā↔{\ĀĀ}\↔\āĀāāĀŪ^~→ĀĀŌē~ā&ĀR|\↔→ĀĀĒĀ
\āĀĀāā~\āāĀ~àĀāāāāā\āāāĀŌ~āā^ĒĀ ÚāĀĀ}\↔→Ā&~Ā\~ĀN↑Āā↔^áĀ\~Āb\|ā\Ĵ
↔^Āb^ā~→Ā\āāāĀĀ^āĀ\~Āāē~*ĀāāāĀN|\^ĀŖšā|\↔→ĀĀ}ā~Ā↔bĀ↔→ĒĀ ŌĀā↑Ā
bē^ā↔^ĀÇ}\↔\āĀāāDĀāĀ→ē^\āāĀ\~Ā~|\āĀ^~^Āāē&á\↔~^Ā↔^ĀSĀ}ĀW~ā↔ĒĒ~|\āĀ
X↔~^ĀŌ{\ā^&ē↔~á→ĀQ|\āāāā^ĀŌā|\ā^āāggĀ ĴĀ

ÚāĀĀ\ā~|ā→ĀĀā~āĀ\āĀ↔^↑↔&āā^\bĀ^~↑↔^Ā\~ĀQē}\↔b\~^Āā^āĀN|ā|\ā^ĒĀ

Rā↔^ĀĒĀ}ābĀ\āā\Ā\āāāĀ}ābĀ^~\ĀāĀQ|\āāāā^ĀŌā|\ā^āĀ↔^Ā~{\āāā~ā~\ĴĀ↑↔→āēbĀ

ÇŖ~ā\→á^āDĒĀā^āĀ^~ĀŌē^ā^ĀQ|\āāāā^ĀŌā|\ā^āĀ↔^Ā~{\āāā~āĀā^āāāāā^āāā~ā~\ĴĀ

↑↔→āēbĀ ÇRā^āēb\āēĒĀSē}\ĀŌā↑*bā↔āēDĒĀN*āāāē^\→\Ĵ}āē^Ā\āēĀ^á↑āĀā^āĀ~→^á\↔~^Ā

~āĀ\āĀ^~^&āē&á\↔~^Ā\~Āāē^ē{\ĀĀ\āĀ^ē}^~↑āēbĀ}ābĀ↔^Āā~|ā\Ā~āĀā↔āĀ^~\Ā

ē{\↔b\ĒĀ\āĀ↔āē^\↔à↔^á\↔~^Ā*á*ĀĀbĀ}āāāĀb↔↑*→\Āāāāāāēbāā\~Ā\āĀ^~^&āē&áĒ

\↔~^Ā^āāāēb\Ā\āĀ^āēb~^CbĀ↔^\ē^āāāāāēb\↔^á\↔~^ĴĀē{\ē^Ā↔āĀ\āā\Ā}ābĀāĀ

ā|\^āāāā~āĀ↑~āĀĀ↑↔→āēbĀā}ā|\ĒĀ↔^Ā\āĀā~*ĀĀ\āā\Āb~↑āā~\Ĵ^~\ā^\Āā^āĀ↔^~āĒ

*~āā\↔~^Ā}~|\→āĀāĀ↑āāēĒĀ

ÚāĀĀŌāā↑á^Ā|\āāā↔^&bĀā~āĀāĀ^ā|\ā^āĀ~āĀ\āē↔āĀ~\^Ā↔^ĀQē}\↔b\~^ĀN|ā|\ā^Ā

āē&á^Ā\~Āāā{\ĀĀb~↑āĀāā→Āāāb↔bĀā~āĀā~*ĀĀ}\↔\āĀ\āĀā↔āb\ĀQ|\āāāā^Ābāē{\↔^ĀĀ

↔^Ā\āĀĀ↑~\āāā\~^&|\āĀāē↔^&Ā^~^ā|\^āāĀĀ\ĀŌĒĀŌĒĀ Úē^~ē→ĒĀ\āē^Ā~āĀQ~}\↔→ĒĀ

GĴPāā~ĀQ|\ā↔[\ĒĀĀŌāā↑á^ĀŌ^↑↔^&āā\↔~^ĀŌāē^\↔à↔^á\↔~^ĀŖšā*āābĒĀĀŌ~|\ā^ā→Ā
~āĀ\āĀSē}\ĀŌ^&→ā^āĀQ|\āāāā^ĀŌ↔b\~ā↔^á→ĀU~^↔ē^\ĴĀĤĀÇU*ā↔^ĀĴĴĴĴĴĴĜĒĀ

ÚbãæãbÁ

RãÈÁ Š\\~ÁQÈÁ Ôæã→á Á	RãÈÁ W^& äãÁRÈÁ Ôæã→á Á
RãÈÁ Öæ~ã&æÁQá^&Á	RãÈÁ Óã↔' áÁPãá↑æãÁ
RãÈÁ Ráã \↔^ÁQá^&Á	RãÈÁ Ráã \↔^ÁÔæã→á Á
RãÈÁ Ö~ã^ÁQá^&Á	RãÈÁ Ôæããæã \ÁÔáã^æ→Á

TØÛPÒÓÁORGANIZATIONS

Sunday School

Rev. Edgar A. Fehlau ••••• Superintendent

RãbÈÁ Edgar R. Ôæã→á | ÁgggggggggÁæ' C | Áá^ääÚãæábÈÁ

Úæã' äæãbÁ

Þæ{ ÈÁ Edgar ÞÈÁ Ôæã→á | ÁgggggggggÁ↔ã→æÁO→ábbÁ
R↔bbÁ Irmela Ôæã→á | ÁgggggggggggggggggÁæ^↔~ääÁ
R↔bbÁQ | ' | ÁNæã↔^& ÁgggggggggggÁ^ \æã↑æã↔á \æÁ
R↔bbÁRáã&áãæ \ÁPæã^ ÁgggggggggggggggggÁÚ↔~ääÁ
R↔bbÁÚæã~^áÁÔæã→á | ÁgggggggggggggggggÁã↔↑ää | Á

Qáã↔æbCÁN↔ää

R↔bbÁÑæã \ááÁÚ' áæ↔ã^æã ÁgggggggggggÁãæb↔æ^ \Á
RãbÈÁ →ää^ÁQæãæã ÁgggggggggggÁ↔' æÁŠãæb↔æ^ \Á
RãbÈÁ Óã&áãÁÞÈÁ Ôæã→á | ÁgggggggggggÁæ' äæ \áã | Á
RãbÈÁ Ôæ^ á | ÁÞæ↔' áæ→ ÁgggggggggggggÁãæáb | äæää
RãbÈÁ Ö | b \ á { ÁPãá↑æãÁ^áÁ
RãbÈÁ Ôää^←ÁŠ~ã→ ÁgggggggggggÁ↔b↔ \↔^&ÁO~↑ÈÁ

W~ | ^&ÁŠæ~*→æCbÁU~' ↔æ \ | Á

RãÈÁ WÈÁ RÈÁ Ôæã→á | ÁgggggggggggggggggÁãæb↔æ^ \Á
R↔bbÁ Óã^áÁÞ~→↑á^ ÁgggggggggggggggggÁæ' äæ \áã | Á
RãÈÁ Ö~ã^ÁQá^&æÈÁ Ôã ÁgggggggggggggggggÁãæáb | äæää

Ö | ^↔~ääÁU~' ↔æ \ | Á

Þæ{ ÈÁ Óã&áãÁÞÈÁ Ôæã→á | ÁgggggggggggggggggÁãæb↔æ^ \Á
R↔bbÁ Óã^áÁÔáã^æ→ ÁgggggggggggggggggÁæ' äæ \áã | Á
RãÈÁ Ôæ^ á | ÁÔæã↔^& ÁgggggggggggggggggÁãæáb | äæää

Oã~↔ãÁRæ↑âæãbÁ
 U~*ãá^~bÁ
 R↔bbÁÓã^áÁÔ~à↑á^Á R↔bbÁØã↑æ→áÁÔæã→á|Á
 R↔bbÁÛæã~^áÁÔæã→á|Á

N→\~bÁ
 R↔bbÁÓ↔~^áâæ\áÁUáãã*→æbÁ RãbÈÁ Óä&áãÁFÈÁ Ôæã→á|Á

Úæ^~ãbÁ
 RãÈÁ Óã↔^áÁPãá↑æãÁ RãÈÁ W^&|ãäÁRÈÁ Ôæã→á|Á

ÑábbæbÁ
 RãÈÁ Š\~^ÁQÈÁ Ôæã→á|Á RãÈÁ Öæ~ã&æÁQá^&Á
 Fæ{ÈÁ Óä&áãÁFÈÁ Ôæã→á|Á

Ç*á&æÁFç DÁ

..

Ⓔ|ã↔^&Áã↔bÁ]æããbÈÁ Şáb\~ãÁÔæã→á|Ábá}Á\áæÁæãæ'\↔~^Á~àÁáÁ}~ãbã↔*Á
 b\ã|'\|ãæÁ↔^ÁQæ}↔b\~^ÈÁ\áæÁ*|ã'áábæÁ~àÁ*ã~*æã\]Áá^áÁâ|↔↔ã↔^&Á~àÁ\áæÁ
 '|ããæ^Á'á|ã'áÁ↔^ÁN|â|ã^ÈÁ\áæÁbæã{↔^&Á~àÁÔæã↑á^Á*ã↔b~^æãbÁ~àÁ}áãÁã|ã↔^&Á
 Û~ã→ãÁÛããÁØÈÁ á^áÁ\áæÁb*↔↔|á→Á^|ã\|ãæÁ~àÁæ^↔ãæÁàá↑↔↔æbÁà~ãÁ\}~Á
 &æ^æãá\↔~^bÈÁ Ûãæ^ÁãæÁãæ\↔ãæÁ↔^ÁFÍÍGÈÁ áæÁáááÁb*æ^Áã↔bÁæ^↔ãæÁ↑↔^↔b\ã]Á
 ↔^Á~^æÁ*→á'æÈÁ Nb<æãÁ}á]ÁãæÁáááÁ^æ{æãÁ\á<æ^Áá^]Á~^æÁ~àÁ\áæÁ^|↑ãæãÁ~àÁ
 Oá→bÁãæÁãããÁãæ'æ↔{æãÁ~{æãÁ\áæÁ]æããbÈÁã↔bÁ↔^↑æã↔á\æÁá'b}æãÁ}ábÁá→}á]bÈÁ
 ÄÛáæãæÁ}æãæÁ↑~ãæÁãæáb~^bÁà~ãÁb\á|↔^&Á\áá^Á\áæãæÁ}æãæÁà~ãÁ&↔^&ÌÁ b~ÁØÁ
 b\á]æãÁÄ^ç IÁ Ø\ÁãábÁâææ^Ábá↔ãÁ\áá\Á↔ãÁá→Á\áæÁ*æ~*→æÁ}á~Á}æãæÁãá*↔~æãÁ
 á^áÁ'~^à↔ã↑æãÁâ]ÁŞáb\~ãÁÔæã→á|ÁãããÁãæ↑á↔^æãÁQ|\áæãá^ÈÁá^áÁ\áæ↔ãÁàá↑↔↔æbÁ
 }↔\áÁ\áæ↑ÈÁÖãá'æÁ}~|→ãÁâæÁ\áæÁ→áã&æb\Á'á|ã'áÁ↔^ÁQæ}↔b\~^ÈN|â|ã^ÁÇ^~Á
 b↑á→Á àæá\ÁábÁ\áæÁOá\á~↔^Á'~^↑|^↔|Á↔^Á\áá\ÁããæáÁ↔bÁ\áæÁ→áã&æb\Á↔^Á\áæÁ
 b\á\æDÈ^ç WÁ

ç I Ôæã→á| ÈÁ*ÈÁ GÈÁ

ç W Ø^ \æã {↔æ} Á }↔\áÁÔ~bæ*áÁÖã|âæÈÁN|&|b\ÁGHÈÁ FÍÍ W ÈÁ*ÈÁ FÈÁ

ĜĪĀ

Ū}~Āā| ^āāāĀĀ^āĀā↔&ā\ææ^Ā]æāābĀæāā↔æāĒĀ\āæĀĤæ{æāæ^āĀŌ~āā^Ā
 Ū↔↔āæ→↑ĀU\āā↑ā^Āā↔æāĀ ←^~}↔^&Ā\āā\Āā↔bĀ↔→àæCbĀ}~ā←Ā}~|→āĀ^~\Āb|ā{↔{æĀ
 ↔^Ā\āæĀ^~^&āā&ā\↔~^ĀāāāāāĀ^|ā|\āæāĀā^āĀ→~{æāĀā~āĀā~ā\}Ē\āāæāĀ]æāābĒĀ
 ŪāæĀĤæ{æāæ^āĀŌā&āāĀĤĒĀ Ōæā→ā|ĒĀāā\æāĀā~ā\}Ēbæ{æ^Ā]æāābĀ~āĀ^|ā|\ā↔^&Āā^āĀ
 →~{↔^&ĒĀ bā}ĀŌāā^æĀbæ{æāĀ↔\bĀābb~^↔ā\↔~^Ā}↔\āĀ\āæĀQ|\āæāā^ĀŌā|ā^āĒR↔bb~|ā↔Ā
 U]~^āĀ\~Ā↓~↔^Ā\āæĀNbb~^↔ā\↔~^Ā~āĀŌ{ā^&æ↔→ā→ĀQ|\āæāā^ĀŌā|ā^āæbĀ ĈŌQODĀ
 |^āæāĀ\āæĀ^āāā↔b↑ā\↔^Ā→æāāæābā↔*Ā~āĀŝāb\~āĀQ~}æ→ĀŪ↔↑^ĒĀ→æbbĀ\āā^Āā↔{æĀ
]æāābĀāā\æāĀā↔bĀāā\↔āæ↑æ^Ē Ĝ ĪĀ N→}ā]bĀ\āæĀ&æ^↔→æ↑ā^ĒĀ Ōæā→ā|Ā^æ{æāĀ
 ^ā↔\↔^↔æāĀā↔bĀ^~^&āā&ā\↔~^Ā*|ā↔→}Āā^āĀ^~^↔^|æāĀ}āā↑āā↔æ^ābā↔*bĀ}↔\āĀ
 ↑ā^]Ā~āĀ↔\bĀ↑æ↑āæābĒĀ Ōæā→ā|ĀāāāĀā↔bĀ↑æ↑āæābā↔*Āā\ĀĤæāæ↑æāĀQ|\āæāā^Ā
 Ōā|ā^āĀ~āĀŌā^æĀŌ↔→āāæ\āĒĀ|^↔→Āā↔bĀāāæ\āā↔^ĀFĪĪĒĒ Ūāæ^ĀāĀ^~^|ā~{æāb]Ā
 āæ→ā\æāĀ\~ĀŌ~↑^|^↔~^Ā*āā^↔^æĀāā~bæĀā\ĀĤæāæ↑æāĒĀā↔bĀb|ā~^&Ā{↔æ}bĀā&ā↔^b\Ā
 \āæĀ~*æ^ĀŌ~ā↑ā|^↔~^Ā*~↔→}Ā~āĀ\āæĀŌQŌĀ^ā|^æĀ\~Ā\āæĀā~āæĀā~}æ{æāĒĀ Ą|ā↔^&Ā
 āĀb*↔ā↔\æāĀ^~^&āā&ā\↔~^ā→Ā↑ææ\↔^&ĒĀ āæĀbā↔āĒĀ ĀŌĀ}ā^Ā]~|Ā\~Ā←^~|Ā\āā\ĀŌĀ
 b|**~ā\Ā]~|āĀ*~b↔\↔~^Āā~āĀĈ^→~bæĀŌ~↑^|^↔~^ĀĈĀā^āĀŌĀ}~|→āĀāææā^āĀ↔Ā}↔\āĀ
 ↑]Ā↔→āæĒĒĜĪĀ

Ūā|bĀ}æĀ^~↑æĀ\~Ā\āæĀæ^āĀ~āĀ\āæĀæ\ā^↔^ĀQ|\āæāā^ĀæāāĀ~āĀRā↔^æĒĀ N\Ā
 ↔\bĀāā↔&ā\Ā↔\Ā}ābĀ↔↑*~bb↔ā→æĀ\~Ā}~ābā↔*Ā↔^Āā^]Ā~āĀ\āæĀ\æ^Ā^ā|ā^āæbĀ}↔\āĒ
 ~|\Ā\āæĀŪ~āāĀ~āĀŌ~āĀāæ↔^&Ā*ā~^→āĪ|^æāĀ↔^Ā\āæĀ→ā^&|ā&æĀ~āĀ\āæĀŌ|ā~*æā^Ā
 ^ā↑^|^↔\]Ā}ā↔^āĀ\āā\Ā^~^&āā&ā\↔~^Āāæ*āæbæ^æāĒĀ Ō^Ā\āæĀ\ā↔ā\}Ēā↔{æĀ]æāābĀ

ĜĪŌāā^æĀQ|\āæāā^ĀŌā|ā^āĒĀ Ą↔āæ^~ā]ĒĀQæ}↔b\~^ĒĀRā↔^æĒĀ ĈFĪĪĒĒĒĒ\ā↔āāĀ
 *ā&æĀ Ĉ^ā&æbĀ|^|^↑āæāæāĒĒĒ

ĜĪ^~↑æ^ĀĀ]ĀŌā&āāĀŌæā→ā|Ā↑āāæĀ~^ĀU|^āā]ĒĀŝ^~āæāĀĜĒĒĒ FĪĪĜĒĒĒ

àã~↑Á\áæÁ´ ááã\æã↔^&Á~àÁÖãá´ æÊÁN|â|ã^ÊÁ ↔^ÁFİGFÊÁ \~Á\áæÁà~|^ä↔^&Á~àÁ
 Ôá↔\áÊÁ Oáã↔â~|ÊÁ ↔^ÁFİIJÊÁ \áæãæÁ}æãæÁ↔^Áàá´\Á\}~Á↑~ãæÁæ\á^↔´Á´~^&ãæ&áË
 \↔~^bÁ à~|^äæäÊÁ Wæ\ÊÁ *áã\↔´|→áã→]Á}↔\áÁãæ&áãäÁ\~Á→á^&|á&æÊÁ \áæÁ´á|ã´áæbÁ
 ááäÁ\~Á&↔{æÁ}á]Á\~Á\áæÁ|bæÁ~àÁÓ^&↔báÁà~ãÁb|ã{↔{á→ÊÁ Úáá\Á\áæ]Áä↔äÁ^~\Á
 ä~Áb~Á@|↔´↔→]Áæ^~|&áÁ↑á]ÁâæÁäæâá\æäÊÁâ|\Á\áæãæÁ}↔↔→Á↔^Áá→→Á~*~æ↔á~~äÁ
 ^æ{æãÁá&á↔^ÁâæÁáÁQ|\áæãá^Á↑↔bb↔~^Áb\áã\æãÁ↔^Á\áæÁb\á\æÁà~ãÁæ\á^↔´Á
 ãæáb~^bÊÁ Úáá\Á\↔↑æÁ´á↑æÊÁ↔bÁ&~^æÊÁ á^äÁ}↔↔→Á^æ{æãÁ´~↑æÁá&á↔^ÊÁ

CHAPTER IV

LUTHERANISM IN THE INTERIM, 1922-1955; THE SUOMI SYNOD

Lutheranism in Maine was at a very interesting juncture in 1921. The ethnic migrations had effectively come to an end in the years just before the Great Depression and the small Lutheran communities centered at New Sweden in the North, South Paris in the West, Portland in the South and Lewiston in the middle had pretty much spent their missionary zeal. The population of Maine which had stagnated in the period 1870-1890 with a combined increase of only 28,000 to a total of 660,261, began a much more rapid rise in the succeeding years, especially as the shoe and textile industries came into their own the first half of the twentieth century, so that by the 1940 census Maine had 847,226 citizens.¹ The population increase for the state was also reflected in the growth of the Lutheran congregations to their highest level ever; or since. The combined membership of the ten congregations mentioned in Chapter III in 1930 was 2980, while the figure for the same congregations in

¹ United States Census Bureau, Maine, 1870, 1890, 1940, United States Government Printing Office, 1871, 1891, and 1941 respectively.

1986, minus Harrison and Portland Emmanuel (which had closed) was only 2185.2

Looking at the records of the Finnish congregation in South Paris, one is struck by the rather extraordinary sequence of events which began with the fonnation of a two-point parish with the congregation in Harrison in 1924 for the purpose of "both congregations to avail for themselves the services of same pastor."³ It took six years to bring the aforementioned desire for a resident pastor to fruition.

(1930 became an) important year for the congregation, for now for the first time she had a resident pastor when Pastor George Autio accepted the Call, and moved here from Wisconsin.⁴

One would think that with the first resident pastor finally on location, the parish would settle down, consolidate its gains and begin to think of how to make ends meet with the extra burden of weekly salary payments and related pastoral expenses. Instead, members of the South

2Membership figures for the ten congregations:

	1930 (est.)	1986
Auburn	300	275
Falmouth	400	275
Harrison	80	closed 1978
New Sweden	400	260
Portland (Emmanuel)	275	closed 1953(?)
Portland First	375	350
Portland St. Ansgar	400	376
South Paris	200	190
Stockholm	150	180
Westbrook	400	279
	<u>2980</u>	<u>2185</u>

3Finnish Evangelical Lutheran Church (Independent) of South Paris, Maine, Minutes of Wednesday, June 11, 1924.

4our Fifty Years, 1912-1962," Trinity Evangelical Lutheran Church, South Paris, Maine, nineteenth page (pages unnumbered).

Şáã↔bÁ´~^&ãæ&á\↔~^Á}á~Á→{æÁ↔^Á\áæÁÒæãã~^ËÛæb\ÁR↔~\ÁáãæáÁ}↔\áããæ}Á
 Ä↑á↔^→]Áà~ãÁ*ãá´\↔´á→Á´~^b↔äæãá\↔~^bÊÄÁ\~Áà~^Á\áæ↔ãÁown´á|ã´áÊÄ\áæÁ
 Ô↔^↔báÁÓ{á^&æ↔´á→ÁQ|\áæãá^ÁOá|ã´áÁ~àÁÒæãã~^ËÛæb\ÁR↔~\È^{UÁ} Ûá↔↔æÁ↔\Á
 ↔bÁ\ã|æÁ\áá\ÁU|^áá]ÁU´á~→Áá^áá↑~^á]Ábæã{↔´æbÁáááÁÁææ´Á´~^ä|´\æá↔^Á
 *ã↔{á\æÁá~↑æbÁ↔^ÁÒæãã~^Áá\Á→æb\Áb↔´æÁFÏFÏÊÄ~^æÁà↔^äbÁ↔\Áá&á}Á↔Ê
 *ãá´\↔´á→Áà~ãÁÁá↑↔~ã↔\]Á~àÁÁ^Áá→ãæáä]Áb\ã|&&↔^&Á´~^&ãæ&á\↔~^Á\~Á\á↔^←Á
 \áæ]Á´á^Á↑á←æÁÁ&~Á~àÁ↔\Á}áæ^Á\áæ^*áãæ^Á~ã&á^↔´á\↔~^Á↔bÁááãæ→]Áb|ã{↔^&ÊÄ.
 Şáb\~ãÁN|\↔~Áæ^äæá|*Á\á↔^&ÁÁÁOá→Á↔^ÁFÏĜ^{MÁ}|^äæãÁ→æbbÁ\áá^Ááá**]Á
 ´↔ã´|↑b\á´æbÁábÁáæÁàæ→\Á\áæãæ}ábÁãæá→Áä↔{↔b↔~^Á}↔\á↔^Á\áæ^*áã↔bá~{æãÁ
 á~}Á↑|´áÁ\↔↑æÁbá~→äÁâæÁb*æ^Áá\Áæá´áá→´á\↔~^È^{MÁ} Ó→æ{æ^Á]æáábÁ→á\æãÁ
 á~}æ{æãÊÄ\áæ´~↑â↔^æãÁ↑æ↑âæãb↔*Áãæá↔~æãÁ\áá\Á↔\Áááá→b\ÁáÁãæá→Á&~ãÁ
 ↑á^Áá^áÁæ[\æ^äæáÁÁbæ´~^áÁOá→Á\~Áá↔↑Á}á↔´áÁáæÁá´æ*\æãá^áá\áæ^~~ÊÄ~~æã{æãÁ
 \áæ^*áã↔bá|´\↔↔Áá↔bÁäæá\áá↔^ÁFÏIHE^{ÍÁ} ÛáæÁ*ãææ^Á^á↑æÁ~àÁ\áæÁU~|\áÁ
 Şáã↔bÁO~^&ãæ&á\↔~^Á}ábÁáã~*\æá↔^ÁFÏIÉÁ}áæ^Á↔\Áâæ´á↑æÁÛá↔^↔\]ÁÓ{á^&æ↔´á→Á
 Q|\áæãá^ÁOá|ã´áÊÄ

U äã↔ä ÈÊÄ*ÊÄ FÏÊÄ

ÎÏÔ↔^↔báÁÓ{á^&æ↔´á→ÁQ|\áæãá^ÁOá|ã´áÁÇØ^äæ*æ^äæ^DÁ~àÁU~|\áÁŞáã↔bÊÄ
 Rá↔^æÊÄ Ç↔b´|bb↔~^Á~àÁ\↔↑æÁ\~ÁâæÁb*æ^Áá\Á\áæÁ}\~Á~´á\↔~^bÁÇU~|\áÁŞáã↔bÁ
 á^áÁÓáãã↔b~^DÁ}↔\áÁ\áæÁU~|\áÁŞáã↔bÁ↑æ↑âæãbÁàææ↔^&Á\áæ]Ábá~|→äÁ&æ\Á↑~ãæÁ
 \↔↑æÁâæ´á|bæÁ\áæ]ÁáááÁ\áæ→áã&æãÁ↑æ↑âæãb↔*ÊÄ UææÁ*áã\↔´|→áá→]Á↑↔^|\æbÁ
 ~àÁFÏĜIÊÄ Uæ*\æ↑âæãÊÄŞ´\~âæãÊÄ á^áÁS~{æ↑âæãÊÄ

ÍÛã↔^↔\]ÁÓ{á^&æ↔´á→ÁQ|\áæãá^ÁOá|ã´áÊÄU~|\áÁŞáã↔bÊÄRá↔^æÊÄÄŞ|ãÁ
 Ô↔à\]ÁWæáábÊÄ FÏFGËFÏJGÊÄ*ÊÄ FÏÊÄ Ô↔bÁãæ↑á↔^bÁ→æÁ↔^Á\áæÁÔ↔^↔báÁOæ↑æ\æã]Á
 ~}^æãÁâ]Á\áæÁÛá↔^↔\]Á´~^&ãæ&á\↔~^Á~^ÁáÁâæá|\↔à|→Áá↔↔b↔äæÁ~àÁÓáãã↔b~^Á
 Þ~ááÁ→~↔^&Áá´ã~bbÁáÁ{á→æ]Á\áá\Á↑|b\Ááá{æÁãã~|&á\Á\æáábÁ~àÁ^~b\á→&↔áÁ
 \~Á\áæÁÔ↔^↔bÁ~àÁ\áæÁáãæáÊÄ

$\emptyset^{\wedge} \hat{A} \tilde{a} x \tilde{a} \sim b^* x^{\wedge} \backslash \hat{A} \leftrightarrow \backslash \hat{A} \acute{a} \rightarrow \hat{A} b x \uparrow b \hat{A} \backslash \sim \hat{A} \acute{a} \acute{a} \{ x \hat{A} \hat{a} x \hat{A} b \sim \hat{A} \acute{a} \mid \mid \leftrightarrow x \hat{E} \hat{A} \quad \hat{U} \leftrightarrow \backslash \acute{a} \hat{A} \backslash \acute{a} \hat{A} \rightarrow \sim b b \hat{A}$
 $\sim \hat{a} \hat{A} \backslash \acute{a} \hat{A} \hat{O} x \hat{a} \tilde{a} \sim \hat{E} \hat{U} x b \backslash \hat{A} \quad R \leftrightarrow \sim \backslash \hat{A} \uparrow x \uparrow \hat{a} x \tilde{a} b \hat{E} \hat{A} \backslash \acute{a} \hat{A} \hat{U} \sim \mid \backslash \acute{a} \hat{A} \S \acute{a} \acute{a} \leftrightarrow b \hat{E} \hat{O} \acute{a} \tilde{a} \tilde{a} \leftrightarrow b \sim \hat{A}^* \acute{a} \tilde{a} \leftrightarrow b \acute{a} \hat{A} \} \acute{a} b \hat{A}$
 $\sim \sim \backslash \leftrightarrow \mid \acute{a} \rightarrow \mid \hat{A} b \backslash \tilde{a} \acute{a}^* x \hat{a} \hat{A} \hat{a} \sim \tilde{a} \hat{A} \hat{a} \mid \wedge \hat{a} b \hat{A} \acute{a}^{\wedge} \hat{a} \hat{A} \hat{a} \mid \hat{A} F \hat{I} \hat{I} \hat{I} \hat{A} \backslash \acute{a} x \tilde{a} \hat{A} \} x \tilde{a} \hat{A} \sim \rightarrow \mid \hat{A} b \mid \uparrow \wedge x \tilde{a} \hat{A}$
 $b x \tilde{a} \{ \leftrightarrow x b \hat{A} \hat{A} \backslash \hat{A} \hat{O} \acute{a} \tilde{a} \tilde{a} \leftrightarrow b \sim \hat{A} \} \leftrightarrow \backslash \acute{a} \hat{A} \backslash \acute{a} \hat{A} \sim \sim \wedge \tilde{a} x \hat{a} \acute{a} \backslash \leftrightarrow \sim \hat{A}^{\wedge} \rightarrow \sim b \leftrightarrow \wedge \hat{A} x^{\wedge} \backslash \leftrightarrow \tilde{a} x \rightarrow \mid \hat{A} \leftrightarrow \hat{A} F \hat{I} \hat{I} \hat{I} \hat{E} \hat{I} \hat{A}$
 $\hat{U} \acute{a} x \hat{A} \hat{O} x \hat{a} \tilde{a} \sim \hat{E} \hat{U} x b \backslash \hat{A} R \leftrightarrow \sim \backslash \hat{A} \tilde{a} \sim \mid \wedge \hat{A} \hat{a} \tilde{a} \tilde{a} x \hat{A} \hat{A} \} \sim \tilde{a} b x \hat{E} \hat{A} \acute{a} \acute{a} \{ \leftrightarrow \wedge \hat{A} \backslash \sim \hat{A}^{\wedge} \rightarrow \sim b x \hat{A} \backslash \acute{a} x \tilde{a} \hat{A} \hat{a} \sim \uparrow x \hat{A}$
 $\acute{a} \mid \tilde{a} \acute{a} \hat{A} \hat{a} \mid \hat{A} F \hat{I} \hat{I} \hat{I} \hat{E} \hat{A} \hat{a} \hat{A} \hat{a}^* \acute{a} \tilde{a} x^{\wedge} \backslash \rightarrow \mid \hat{A}^{\wedge} x \{ x \tilde{a} \hat{A} \hat{a} \acute{a} \{ \leftrightarrow \wedge \hat{A} \hat{a} \hat{a} \hat{A} \uparrow \sim \tilde{a} \hat{A} \backslash \acute{a} \hat{A} \hat{a} \leftrightarrow \hat{a} \backslash x x^{\wedge} \hat{A} \backslash \sim \hat{A}$
 $\backslash \} x^{\wedge} \backslash \mid \hat{E} \hat{a} \leftrightarrow \{ x \hat{A} \uparrow x \uparrow \hat{a} x \tilde{a} b \hat{A} \hat{A} \hat{A} \hat{A} \} \hat{A} \hat{A} \leftrightarrow \{ x^{\wedge} \hat{A} \backslash \leftrightarrow \uparrow x \hat{E} \hat{I} \hat{A} \quad b x \uparrow \hat{a}^{\wedge} \backslash b \hat{A} \sim \hat{a} \hat{A} \sim \backslash \acute{a} \hat{A}^{\wedge} \sim \hat{O} \rightarrow \hat{U} \leftrightarrow \sim \backslash \leftrightarrow x b \hat{A}$
 $\acute{a} \backslash \backslash x^{\wedge} \hat{a} \hat{A} \hat{U} \tilde{a} \leftrightarrow \leftrightarrow \backslash \mid \hat{A} \backslash \sim \tilde{a} \acute{a} \mid \hat{A} \hat{a} \mid \backslash \hat{A} \uparrow \sim b \backslash \hat{A} \hat{a} \acute{a} \{ x \hat{A} \hat{a} x \hat{A} \rightarrow \sim b \backslash \hat{A} \backslash \sim \hat{A} \sim \backslash \acute{a} x \tilde{a} \hat{A} \hat{a} x^{\wedge} \uparrow \leftrightarrow \hat{a} \backslash \leftrightarrow \sim \hat{b} \hat{A} \sim \hat{a} \hat{A}$
 $\tilde{a} \tilde{a} \sim \sim \sim x \hat{a} \hat{A} \sim \mid \backslash \hat{A} \sim \hat{a} \hat{A} b \leftrightarrow \hat{a} \hat{A} x^{\wedge} \backslash \leftrightarrow \tilde{a} x \rightarrow \mid \hat{E} \hat{A} \quad \hat{U} \acute{a} \leftrightarrow b \hat{A} \leftrightarrow b \hat{A} \acute{a} \hat{A}^* \acute{a} x^{\wedge} \uparrow x^{\wedge} \sim \hat{A}^{\wedge} \sim \hat{A} \mid \wedge \mid b \mid \acute{a} \rightarrow \hat{A} \backslash \sim \hat{A}$
 $R \hat{A} \leftrightarrow \wedge x \hat{A} \hat{Q} \mid \backslash \acute{a} x \tilde{a} \acute{a}^{\wedge} \leftrightarrow b \uparrow \hat{E} \hat{A}$

$\hat{U} \acute{a} x \hat{A} x \hat{a} \tilde{a} x \hat{A} \} \leftrightarrow \backslash \acute{a} \hat{A} \} \acute{a} \leftrightarrow \acute{a} \hat{A} \uparrow x \uparrow \hat{a} x \tilde{a} b \hat{A} \uparrow \acute{a} \mid \hat{A} \hat{a} x \hat{A} \rightarrow \sim b \backslash \hat{A} \leftrightarrow b \hat{A} \sim \hat{a} \backslash x^{\wedge} \hat{A} \hat{a} \mid x \hat{A} \backslash \sim \hat{A} \backslash \acute{a} \hat{A} \backslash \tilde{a} x \uparrow x^{\wedge} \hat{E}$
 $\tilde{a} \sim \mid b \hat{A} \tilde{a} \leftrightarrow b \backslash \acute{a}^{\wedge} x b \hat{A} \backslash \acute{a} x \hat{A} \rightarrow \{ x \hat{A} \hat{a} \tilde{a} \sim \hat{A} \backslash \acute{a} x \tilde{a} \hat{A}^{\wedge} \acute{a} \mid \tilde{a}^{\wedge} \hat{a} \hat{E} \hat{A} \quad \hat{O} \mid \acute{a} \uparrow \sim \rightarrow x b \hat{A} \sim \hat{a} \hat{A} \backslash \acute{a} \leftrightarrow b \hat{A}^* \hat{a} \hat{O} \hat{I}^{\wedge} \sim \uparrow x^{\wedge} \hat{a} \hat{A}$
 $\acute{a} \tilde{a} x \hat{A} \hat{a} \sim \mid \wedge \hat{a} \hat{A} x \{ x^{\wedge} \hat{A} \hat{a} \uparrow \sim \wedge \hat{A} b \backslash \acute{a} \mid \wedge^{\wedge} \hat{a} \hat{Q} \mid \backslash \acute{a} x \tilde{a} \hat{a}^{\wedge} \hat{A} \hat{a} \hat{a} \uparrow \leftrightarrow \sim \rightarrow x b \hat{E} \hat{A} \quad \hat{O} \sim \tilde{a} \hat{A} x \mid \acute{a} \uparrow \sim \rightarrow x \hat{E} \hat{A} \leftrightarrow \hat{A}$
 $\hat{O} x \hat{a} \hat{a} \mid \acute{a} \tilde{a} \mid \hat{A} \sim \hat{a} \hat{F} \hat{I} \hat{I} \hat{I} \hat{A} \hat{O} \hat{A} \} \acute{a} b \hat{A} \hat{A} \backslash \hat{A} \S \acute{a} \mid \rightarrow \hat{A} P \mid \rightarrow \sim \wedge x^{\wedge} C \hat{A} \hat{A} \hat{a} x \tilde{a} b \leftrightarrow \tilde{a} x \hat{A} \} \acute{a} x^{\wedge} \hat{A} \hat{a} x \hat{A} \tilde{a} \leftrightarrow x \hat{A} \hat{A} \acute{a} \hat{A} \{ x \tilde{a} \mid \hat{A}$
 $\tilde{a} x^* \tilde{a} x b b x \hat{a} \hat{E} \hat{A} \hat{a} \hat{a} \backslash \backslash x \tilde{a} \hat{A} \hat{a}^{\wedge} \hat{A} \hat{A} \uparrow \sim \tilde{a} \sim b x \hat{A} \uparrow \acute{a}^{\wedge} \hat{A} \} \acute{a} \sim \hat{A}^{\wedge} \sim \sim \backslash \leftrightarrow \mid \acute{a} \rightarrow \mid \hat{A}^{\wedge} \acute{a} \hat{a} \rightarrow x^{\wedge} \wedge x \hat{a} \hat{A} \acute{a} b b x \tilde{a} \backslash \leftrightarrow \sim \hat{b} \hat{A}$
 $\backslash \acute{a} \hat{A} \backslash \acute{a} x \tilde{a} \hat{A} \} \acute{a} b \hat{A} \acute{a} \hat{A} \hat{O} \sim \hat{a} \hat{A} \} \acute{a} \sim \hat{A}^{\wedge} \acute{a} \tilde{a} x \hat{a} \hat{E} \hat{A} \quad \hat{A} \S \tilde{a} \sim \{ x \hat{A} \leftrightarrow \hat{E} \hat{A} \hat{A} x \hat{A} \} \sim \mid \rightarrow \tilde{a} \hat{A} b \acute{a} \mid \hat{A} \acute{a} b \hat{A} \acute{a} x \hat{A} \} \leftrightarrow \sim \tilde{a} \hat{A}$
 $\hat{a} \tilde{a} \sim \uparrow \hat{A} \backslash \acute{a} \hat{A}^* \acute{a} \leftrightarrow \hat{A} \} \tilde{a} \hat{a}^{\wedge} \leftrightarrow \wedge \hat{A} \hat{a} \leftrightarrow b \hat{A} \hat{a} \leftrightarrow \hat{a} \hat{a} x \leftrightarrow \hat{A} \hat{a} \sim \hat{a} \mid \hat{E} \hat{A} \quad \S \acute{a} \mid \rightarrow \hat{A} \} \acute{a} b \hat{A} \backslash \acute{a} x \hat{A} b \sim \hat{A} \sim \hat{a} \hat{A} \S \acute{a} b \backslash \sim \tilde{a} \hat{A}$
 $\hat{O} \hat{a} \} \leftrightarrow \hat{A} P \mid \rightarrow \sim \wedge x^{\wedge} \hat{A} \} \acute{a} \sim \hat{A} b x \tilde{a} \{ x \tilde{a} \hat{A}^{\wedge} \sim \backslash \hat{A}^{\wedge} \sim \rightarrow \mid \hat{A} \backslash \acute{a} x \hat{A} \hat{O} \leftrightarrow \hat{A} \leftrightarrow b \hat{a} \hat{Q} \mid \backslash \acute{a} x \tilde{a} \hat{a}^{\wedge} \hat{A} \hat{O} \hat{a} \mid \tilde{a}^{\wedge} \hat{a} \hat{A} \sim \hat{a} \hat{A}$
 $\hat{U} \acute{a} \sim \uparrow \acute{a} b \backslash \sim \hat{A} \hat{C} \uparrow \sim \tilde{a} x \hat{A} \sim \hat{A} \backslash \acute{a} \hat{A} \backslash \hat{a} \backslash \hat{a} \backslash x \tilde{a} D \hat{A} \hat{a} \mid \backslash \hat{A} \hat{a} \rightarrow \sim \hat{A} \backslash \acute{a} x \hat{A} \hat{U} \sim \mid \backslash \acute{a} \hat{A} \S \acute{a} \acute{a} \leftrightarrow b \hat{E} \hat{O} \acute{a} \tilde{a} \tilde{a} \leftrightarrow b \sim \hat{A}^* \acute{a} \tilde{a} \leftrightarrow b \hat{a} \hat{A}$
 $\hat{a} \tilde{a} \sim \uparrow \hat{A} F \hat{I} \hat{I} \hat{I} \hat{E} F \hat{I} \hat{I} \hat{E} \hat{A} \quad N \rightarrow \hat{a} \sim \mid \wedge \hat{a} \hat{A} \S \acute{a} \mid \rightarrow C b \hat{A} \hat{a} \hat{a} \mid \wedge \hat{a} \backslash x \tilde{a} \hat{A} \} \acute{a} b \hat{A}^{\wedge} \sim \hat{a} \leftrightarrow \sim \hat{a} \hat{A} \hat{A} \hat{A} \hat{A} b x \hat{a} x \hat{a} \uparrow x \hat{a} \hat{E} \hat{A}$
 $\hat{O} \hat{a}^* x \hat{A} \hat{O} \rightarrow \sim \hat{a} \hat{a} x \backslash \hat{a} \hat{E} \hat{A} \acute{a}^{\wedge} \hat{a} \hat{A} \hat{a} \leftrightarrow b \hat{A} \hat{a} \hat{a} \uparrow \leftrightarrow \mid \hat{A} \tilde{a} x \hat{a} \mid \rightarrow \tilde{a} \tilde{a} \rightarrow \mid \hat{A} \hat{A} \backslash \backslash x^{\wedge} \tilde{a} \tilde{a} \hat{A} \} \acute{a} \leftrightarrow x \hat{A} \rightarrow \{ \leftrightarrow \wedge \hat{A} \rightarrow \sim \hat{a} \rightarrow \mid \hat{E} \hat{A}$

$\hat{I} \sim \tilde{a} \hat{a} \rightarrow \hat{A} \hat{O} \leftrightarrow b \backslash \sim \hat{a} \mid \hat{A} \sim \hat{a} \hat{A} \S \acute{a} b \backslash \sim \hat{a} \hat{A} \S \acute{a} \mid \rightarrow \hat{A} N^{\wedge} \tilde{a} x \tilde{a} b \sim \hat{E} \hat{A} \hat{O} \mid \rightarrow \mid \hat{A} G \hat{I} \hat{E} \hat{A} F \hat{I} \hat{I} \hat{I} \hat{E} \hat{A}^* \hat{E} \hat{A} \quad \hat{I} \hat{E} \hat{A}$

$\hat{I} \sim \tilde{a} \hat{a} \rightarrow \hat{A} \hat{O} \leftrightarrow b \backslash \sim \hat{a} \mid \hat{A} \sim \hat{a} \hat{A} \S \acute{a} b \backslash \sim \hat{a} \hat{A} \S \acute{a} \leftrightarrow \hat{A} \hat{O} \mid \rightarrow \backslash \wedge \tilde{a} x^{\wedge} \hat{E} \hat{A} \hat{U} x^{\wedge} \backslash x \uparrow \hat{a} x \tilde{a} \hat{A} \hat{I} \hat{E} \hat{A} F \hat{I} \hat{I} \hat{I} \hat{E} \hat{A}^* \hat{E} \hat{A} \quad \hat{I} \hat{E} \hat{A}$

á↔bÁ}↔àæÁáábÁb↔^´æÁãæ@|æb\æäÁáÁ*æá´æà|→Áãæ→æábæÁá^ää\áæ]ÁáãæÁá\æ^á↔^&Á
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 áá{æÁæ^´~|ãá&æäÁ\áæÁàá↑↔↔]Á\~Ábææ←Áb*↔ã↔|á→Á^|ã\|ãæÁá\ÁÚã↔^↔↔]Á↔^Á
 U~|\áÁŞáã↔bÊÁ}á↔^´áÁ↔bÁ~^→]ÁGÉÁ↑↔↔æbÁá}á]ÊÁâ|\Áb|b*æ´\Á\áá\ÁŞá|→CbÁb~^Á
 }↔↔→Á^æ{æäÁáæÁ´~^à↔ã↑æäÊÁ ÚáæÁQ|\áæää^Á↔äæ^↔↔]Ábææ↑↔^&→]Á→~bæbÁ↔\bÁ
 ↔↑*~ã\á^´æÁ↔^Áã↔ãæ´\Á*ã~*~ã\↔~^Á\~Á\áæÁ↔^´ãæábæÁ~àÁ\áæÁ↔b\á´æÁ~àÁ
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 á~↑æÁ´~^&ãæ&á\↔~^ÊÁ

ÚáæÁà↔^á→Áb\~ã]Á~àÁ\áæÁÔ↔^↔↔báÁQ|\áæää^bÁä|ã↔^&Á\áæÁ↔^æã↔↑Á*æã↔~äÁ
 FÏGGËFÏIIÁ\á↔æbÁ*→Á´æÁ~^Á\áæÁ´~áb\Áá\Á\áæÁ\~}^Á~àÁÚá~↑áb\~^ÊÁ The Ô↔^bÁ
 áááÁáææ^Á↔↔{↔^&Áá→~^&Á\áæÁ´~áb\Áàã~↑ÁÚá~↑áb\~^Á\~ÁP~´↔↔↔æÁà~ãÁ~{æäÁ
 áá~àÁáÁ´æ´\|ã]Á}↔↔\|ÁáÁQ|\áæää^ÁOá|ã´áÁ^}]áæãæÁ^æáãÊÁ Ø^ÁFÏHÁ
 *ãæ↔↑↔^áá]Áæàà~ã\á}æãæÁ↑ááæÁá]Á\áæÁ→´á→bÁ\~Áà~ã↑ÁáÁ´á|ã´áÁá^áÁÔ~→]Á
 Úã↔^↔↔]ÁQ|\áæää^ÁOá|ã´áÁ~àÁ\áæÁU|~↑↔ÁU|^~äÁ}ábÁà~ã↑æäÁ↔^ÁFÏGGËFÏÉÁ Şáb\~äÁ
 P]→~^æ^Á}ábÁ\áæÁà↔ãb\Áãæb↔äæ^Á*áb\~äÁá^ááæÁãæ↑á↔^æäÁ\áæãæÁ^↔↔^ÁFÏIIÊÁ
 }áæ^ÁáæÁá´æ*\æäÁ\áæÁOá→Á\~Ábæã{æÁÚã↔^↔↔]ÊÁU~|\áÁŞáã↔bÊÁáá{↔^&Ááææ^ÊÁ
 ↔^æã↔↑Á*áb\~ãÁá\Á\áæÁU~|\áÁŞáã↔bÁ´~^&ãæ&á\↔~^Áàã~↑Á→á\æÁFÏIIÊËFFÁ
 N´´~ãã↔^&Á\~ÁRãbÊÁR´O→|ãæÊÁ á^Áæ↔&á]Ëb↔[Á]æáãÁ~→äÁÔ↔^↔↔báÁQ|\áæää^Á
 *ãæbæ^→]Á↔↔{↔^&Á↔^ÁP~´↔↔á^áÊÁ\áæÁÚá~↑áb\~^Á´~^&ãæ&á\↔~^Áææ→Á↔\ÁáááÁ~^Á
 ´á~↔^æÁá|\Á\~Á↓~↔^Á\áæÁ^æ}→]Áà~ã↑↔^&ÁQ|\áæää^ÁOá|ã´áÁ↔^ÁN↑æã↔^´á↔^ÁFÏIIGÁ

FËF^æã{↔æ}Á}↔↔\áÁQ]ã↔áÁR´O→|ãæÊÁS~{æ↑áæãÁFHEÁFÏIJEÁ

FFÓá}↔^ÁP]→~^æ^Á↔^ÁÄŞ|ãÁÔ↔^à\]ÁWæáãbÊÁFÏGGËFÏIIGÊÁÇU~|\áÁŞáã↔bÊÁ
 RÓÊÁÚá↔^↔↔]ÁÓ{á^&æ↔^´á→ÁQ|\áæää^ÁOá|ã´áDÊÁ*ÊÁFÏÊÁ

because "Suomi was dying off."¹² With mounting financial problems and dropping membership, Holy Trinity merged with the new Lutheran Church in America mission in Rockland in 1963. This in itself was not without negative emotional ramifications as joining the Nativity mission, a mere ten miles down the road, was seen as a slap in the face by the Finns.¹³

Pastor Hultgren's comments on his relationship with Trinity congregation and its formidable Finnish members may well be indicative of the special world of Finnish Lutheranism. When asked his perception of "where the congregation's least impact on the community is," he replied;

That area I think without a doubt is evangelism. There is no commitment to proclaiming the Gospel to this community either in word or in deed. Outside of the community of the church there does not seem to be a desire to move beyond the walls of the church. It is a very close-knit family. Their customs, languages, loves, are such barriers between this congregation and the community that surrounds it. There is no interaction.¹⁴

He was asked if there "is anything else (he) would like to share about the community and how the congregation fits in,"

As I listen to myself going through this, explaining my impressions, it has come off very negatively, and I guess that's because I feel very frustrated at this time seeking to live as the body of Christ and I hate to leave this type of interview with that taste. They are people of principle; they do feel very strongly when they have made up their mind and it is extremely difficult to change them. It has been a struggle as long as I have been here and yet I can still see God's hand in that inasmuch as I needed to struggle to do the things I had never been forced to do before.⁵

¹²McClure Interview. See also Heikkinen p. 230. In reality Suomi had merged into the Lutheran Church in America in June of 1962.

¹³Ibid.

¹⁴oral History of Pastor Phil Hultgren, September 5, 1986, pp. 3-4.

¹⁵Ibid., pp. 5-6.

Ñ]ÄÖ~äCbÄÖää´ æEÄ äæb*↔\æÄ \åæÄä↔àä↔´ |→\↔æbEÄ \å↔bÄ´ ~^&äæ&ä\↔~^Ää~æbÄá**æääÄ
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 şáb\~ääÖ|→\&äæ^CbÄ}~ääbÄ \~Äåæää \Ääæ↑á↔^bÄ \~ÄâæÄbææ^EÄ ÒæÄäæb↔&^æäÄå↔bÄ
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OÖNSÚÓPÁŪ

QŪŪŌŌPNSÁŌŠSUŠQŌENŪŌŠSÁNSŌEÁSSŠEŌŪŌSŌŌÁŌPŠŪŌCŌÁFĪINĒFĪĪÁ

ŪáĀ\āá^b↔↔^Áāā~↑Á\áĀŌ↔bē^á~}æĀĀ}æāābĀ\~Ā\áĀPē^āēĀ]Ā*āēb↔āē^Ā
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Ūē^~^āĀŪ~ā~āĀŪāāĒĒ↔^↔\æāā|Ā\æĀĀ\ē^*~āāā↔→ĀĀ]Ā\áĀP~āēá^ĀĀŞ~↔^'ĀĀN'\↔~^ĒĒĀ
}ábĀ↔^Āā→Āb\ā↔āēĀā|ā↔^&Ā↑|áĀ~āĀ\áĀĀŌĀQ↔↔↔ĀŌ↔↔ĀĀāāĒĒ Ō\Ā}ábĀáĀ\↔↑ĀĀ
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á→ĀĀN↑āē↔^'á^bĀ}↔\āĒĒ

ĀŪā↔bĀ→á^āĀ↔bĀ]~|āĀ→á^āĒĒ\á↔bĀ→á^āĀ↔bĀ↑Ā→á^āĒĒ
āā~↑ĀŌā↔↔~ā^↔áĀ\~Ā\áĀSē}ĀŪ~ā~ĀŌb→á^āĒĒ
Ōā~↑Ā\áĀāāē}~~āĀā~āēb\Ā\~Ā\áĀŌ|\→āĀŪ\āēá↑Ā}á\æāĒĒ
Ūā↔bĀ→á^āĀ}ábĀ↑āāĀā~āĀ]~|Āá^āĀ↑ĒĒĒĒ

NĪĀFĪINĒĒĀ~}æ{æĒĒĒŌ|\ā↔↔ĀbĀ'~ĪĀ^á\↔~^á→Āb'ē^ĀāāĀĀēĀ^Ā→~b\ĒĒ Ō^Āā↔bĀ
^~}Āāā↑~|bĀĀNāāāēbbĀ\~Ā\áĀR↔^↔b\æābĀ~āĀŌ~|b\~^ĒĒĒ↔^Ā}á↔^'áāāēāēāē^āēāā
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Ūā↔↔Ā\áĀb~Ē'á→æāĀāē↔↔↔|bĀ↔bb|Ā↔bĀ^ē'ēbbāā↔→Āá^āĀ*ā~*ēā→Ā\áĀ
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á^āĀŪ↔^ēĒŞāēb↔āē^ĀĀ]Ā\á~bĀ}á~Ā~Ā~^&ēāāēēb*ē'\Ā~|āĀ*~}æāĪĀ\áĀ

→}~~ā↔ĀŌ|\ā↔↔ĀĪĀ CCŪā↔bĀQá^āĀ↔bĀŪ~|āĀQá^āĒĒ↔^ĀR~ā\↔↔āĀŌĒĒ Nā~āēĒĒ
ēā↔\~āĒ↔^Ē'á↔↔ēĒĒŪāĀN^Ā→bĀ~āĀN↑āē↔^'áĒĒ{~→|↑ĀĀFĪĪĀ FĪINĒFĪINĒĒŌ~→āĀŪāā↔^Ā
\áĀS|^→æāāĀN&ēĒĒ CŌā↔^ā&~ĒĒŌ^']~→*ēā↔āĀNā↔\á^↔^'áĒĒŌ^ĒĒĒFĪINĒĒĒĒĒĒĒĒĒĒ

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↔ ^ Á N ↑ æ ä ↔ ' á Ê Á Ç Ö ä á ^ á Á Þ á * ↔ ä b Ê Á ÞÍ Á G D Ê Á * Ê Á H H Í Á

&~^&Á~^Á\|ää~|&á~|\Á\|áÁ~|^|\]ÈÁ Ø^Á\|áÁR↔bb~|ã↔ÁU|^~ääá~^æÉÁ ä|ã↔^&Á
 ↔\bÁÄŞääá' á↔^&ÉÁ Úää' á↔^&ÉÁ Þää' á↔^&ÁÁ↑↔bb↔~^Á àã~↑ÁN*ã↔^Á FÏIIÁ\~ÁÓá^|áã]Á
 FÏIHÁ }á↔'áÁ}ábÁá^ÁÁ\|æ↑*Á\~Áääá'áÁ\|áÁ|^'á|ã'áääÉÁ\|áÁà~→~}↔^&Áà↔&|ãæbÁ
 äæ{æá→Á\|áÁæ[\|æ^Á\~Á}á↔'áÁ'á|ã'áÁ'~↑*~á'æ'^]Á}ábÁ\|ã^↔^&Á↔^~ÁÖ~b*æ→È
 ↑~\↔{á\|ääÁ'á|ã'áÁ'↔{↔b↑ÈÁ

È H IÈÈÁ'~^&ää&á\↔~^bÁ*ää\↔'↔*á\|æää
 È GÏÈÈÈÈÁ&ääääÁ\~Á'~↑æÁ\~ÁŞáb\~ãCbÁ'→ábbÁ
 È GÈIÈÈÈÈÈÁ\|æ^ääääbæã{↔'æbÁ~àÁ}á↔'áÁGÈÈÈÈÈÈ}ääæÁ^~^È↑æ↑âæääbÁ
 È ÌÈIÈÈÈÈääääà↔ã↑á\↔~^bÁ
 È GÏÈÈÈÈÈ}ääääää*↔'æää~ääää~|&á\|á'á↔^ääæ^Á\~ÁâæÁâá*↔'æää
 È MÈMÈÈÈÈæ^ã~→æää↔^ÁU|^'ää]ÁU'á~→HÁ

Ø^ÁFÏFÍÁ\|áÁQ|\|áääá^ÁOá|ã'áÈR↔bb~|ã↔ÁU|^~ääáääÁ*ábbæää\|áÁ~^æÁ↑↔~^~^Á
 ↑æ↑âæää↑áã~Á~ää\|áÁà↔æb\|á\|↔↑æÈÁ Ø^Á\~~^Á\|áã]Èb↔[Á]æääbÁ\~Áääá'áÁ}\~Á
 ↑↔~^~^ÈÁ á^ää~^}Ábæ{æ^Á↑~ää\~Áb\|á^ääÁ\|ÁGÈIÈIÈFÍÈIÁ ÚáæÁ\|áääÁQ|\|áääá^Á
 'á|ã'áÁâ~ä↔æbÁæ[*æ↔æ'^æääää*↔ää&ã~}\|áÁábÁ}æ→ÈÁ á^ääb~Áä↔ää{↔ã\|á→]Áá→Á
 äæ^~↑↔^á\↔~^bÁ↔^Á\|áÁ'~|^|\]ÈMÁ

Rá↔^æÁà↔^Á\|áÁ~{æää→Á*á\|æää^Á~ää&ã~}\|áÁ↔^Á'á|ã'áÁ↑æ↑âæää↔^ÈÁ
 â|\|ÈÁ áà\|æää→Á}ábÁbá↔ääÁ^ää~^æÈÁ↔^Áb\|↔^ÁáääÁ\|áÁ~}æb\|á*æá'æ^|á&æÁ~ää
 'á|ã'áÁ↑æ↑âæää~àää^]Áb\|á\|æ↔^Á\|áÁ'~|^|\]ÌÁ áÁb↔\|á\|↔~^Á}á↔'áÁää↑á↔^bÁ\~Á

HQ|\|áää^Á S*æ^ÁÖ~|bæÁÞæ&↔~^á→ÁO~~ää↔^á\~ãbÈÁ Rææ\↔^&ÈS~\|æbÈÁ
 *ää*áääääÁ]ÁÓá}↔^ÁP~→âÈÁ Ó[æ'|\|↔{æÁUæ'ãæ\|á]á~ääÓ{á*&æ→b↑ÈÁ ÚáæÁQ|\|áääá^Á
 Oá|ã'áÈR↔bb~|ã↔ÁU|^~ääÉÁ U\ÈÁ Q~|↔bÈÁ RŞÈÁ S~{æ↑âæää FÏÈGÈÈÁ FÏÏJÈÁ *ÈÁ FÈÁ

⁵Carl S. Meyer, editor, *Moving Frontiers; Readings in the History of the Lutheran Church-Missouri Synod*, (St. Louis, Concordia Publishing House, 1964), p. 386.

NS~→ÈÁ **ÈÁ HNJÈHJHÈÁ S~→Áá~b~Á*~↔^bÁ~|\|á\|áá\|á↔^Á FÏGÍÁQ|\|áää^bÁ
 ábÁ áÁ&ã~|*Á}æää^~\|á{æ^Áá↑~^&Á\|áÁà↔{æÁ→ää&æb\|áää↔&↔~|bÁ áää↔~↔^á\↔~^bÈÁ
 Ø^Á FÏIÈÁ}æ{æääÈÁQ|\|áää^bÁ}æää~|ã'áÁæ*ääææ^↔^&Á ÌÈÌÁ~ääää↔&↔~|bÁ
 ↑æ↑âæää↔^Á Çæá↔^ääÞ~↑á^ÁÓá\|á~↔~^bÈÁ HFÈÌÁÌÁ Nã*↔b\|bÈÁ GFÈ H ÌÌÁá^Á
 Ræ\|á~ä↔b\|bÈÁ FGÈÌÁÈÈÁ bææÁ**ÈÁ H ÈÌ ÈÁHJÈÈÁ

\à↔bÁää]ÈÍÁ ÚáæÁ^á\↔~^á→Á*ãæ^æææ^Á à~ãÁ↔^'ãæáb↔^&Á\áæÁ^|↑âæãÁ~àÁ'~^&ãæË
 &á\↔~^bÁä↔ãÁ'~↑æÁ\~ÁRá↔^æËÁá~}æ{æãËÁ á^ää↔\Á↔bÁ^~\æ}~ã\á\Á\áá\Á\áæÁ\á↔ãää
 ↑á↓~ãÁæãää~àÁQ|\áæãá^↔b↑Á↔^ÁRá↔^æÁâæ&á^Á\↔\áÁáÁ↑↔bb↔~^Ááæá{↔↔]Áb|**~ã\æää
 â\Á\áæÁ~→äæb\Áæ\á^↔^Á'~^&ãæ&á\↔~^Á↔^Á\áæÁb\á\æËÁÖ|b\áàÁNä~→*áÁ↔^ÁSæ}Á
 U}æææ^ËÁ ÚáæÁ]æáää}ábÁFÏIÏJÁá^ää\áæÁ↑↔bb↔~^ËÁ Óá↔\áÁQ|\áæãá^ÁOá|ã^áÁ~àÁ
 Oáã↔â~|ËÁ

NÁ@|\↔^←Áãæ{↔æ}Á~àÁN*^æ^ä↔[ÁNÁãæ{æá→bÁáÁ&ãæá\Áäæá→Ááâ~|\Á\áæÁ↔^æ^Ë
 b↔\]Á\↔\áÁ}á↔^áÁ\áæÁ{áã↔~|bÁQ|\áæãá^Á^á|ã^áÁâ~ä↔æbÁ}æ^Ááá~|\Á\áæÁ\áb↔Á
 ~àÁb\áá\↔^&Á'~^&ãæ&á\↔~^bËÁ Ó~ãÁ\áæÁæ^↔↔æÁ*æã↔~ää àã~↑ÁFÏIÏJËFÏIÏJËÁ\áæãæÁ
 }æãæÁbæ{æ^Á^æ}Á'~^&ãæ&á\↔~^bÁ~àÁ\áæÁN↑æã↔^á^ÁQ|\áæãá^ÁOá|ã^áËÁ à~|ãÁ~àÁ
 \áæÁQ|\áæãá^ÁOá|ã^áÁ↔^ÁN↑æã↔^áËÁ\}~Á~àÁ\áæÁQ|\áæãá^ÁOá|ã^áËR↔bb~|ã↔Á
 U|^~àËÁ á^ää~^æÁæá^á~àÁ\áæÁU↔b^~^b↔^ÁÓ{á^&æ↔^á→ÁQ|\áæãá^ÁOá|ã^áŽá^ää\áæÁ
 Nbb~^↔á\↔~^Á~àÁÓ{á^&æ↔^á→ÁQ|\áæãá^ÁOá|ã^áæbËÁ à~ãÁáÁ\~\á→Á~àÁ à↔à\ææ^ËÁ
 Úá↔bÁ à↔&|ãæÁ^ææábÁ\~ÁâæÁáä↓|b\æáÁb↔↔&á→]Á&↔{æ^Á\áæÁ^á|\ãæÁ~àÁ\áæÁ
 à~ã↑á\↔~^Á~àÁ\áæÁNbb~^↔á\↔~^Á~àÁÓ{á^&æ↔^á→ÁQ|\áæãá^ÁOá|ã^áCbÁ'~^&ãæ&áË
 \↔~^Á↔^ÁN|â|ã^ËÁ~|\Á~àÁ\áæÁÖää^æÁQ|\áæãá^Á'~^&ãæ&á\↔~^Á↔^ÁQæ}↔b\~^Á}á↔^áÁ
 ááääÁææ^ÁR↔bb~|ã↔ÁU|^~àËÁ Sæ{æã\á↔æbbËÁ\áæÁà~|ã\ææ^Á^æ}Á'~^&ãæ&á\↔~^bÁ
 ~ãÁ↑↔bb↔~^Áb\áá\áb↔^Á\á↔ã\]Á]æáábÁãæ*ãæbæ^bÁ\áæÁ→ää&æb\Áb↔^&æÁ&ã~|\áÁ
 á↑~^&ÁQ|\áæãá^bÁ↔^ÁRá↔^æÁ↔^Á\áæÁá↔b\~ã\]Á~àÁ\áæÁb\á\æÏÁ↔^Áàá\ËÁ\áæÁ
 à↔&|ãæÁãæ*ãæbæ^bÁá^Á↔^'ãæábæÁ~àÁ~^æÁá|^ääæääÁ^ääæ↔&á\Á*æã^æ^Á~àÁ\áæÁ
 \~\á→Á^|↑âæãÁ~àÁQ|\áæãá^Á^á|ã^áæbÁ↔^ÁRá↔^æÁ*ã↔~ãÁ\~ÁFÏIÏJËÁ NÁ\áæÁáæ↔&á\Á
 ~àÁ\áæÁâ|↔↔ä↔^&Áâ~↑ËÁ Á^Á\áæÁ]æáábÁFÏIÏJËFÏIÏJËÁ bæ{æ^Á^æ}Á'~^&ãæ&á\↔~^bÁ
 }æãæÁâæ&|^Áá\ÁáÁää\æÁ~àÁá→~b\Á~^æÁæ{æã]Áb↔[Á↑~^á\ábËÁ

Í§~ã\→á^ääÓ{æ^↔^&ÁÓ[*ãæbbËÁ Óá^|áá]ÁÇÉÁ FÏIÏJËÁ *ËÁ ÇÉÁ ÄŠ^→]ÁHFÁÁ~àÁ
 Rá↔^æÁ*æ~^æÁâæ~^&Á\~ÁOá|ã^áæbËÁ

Ó{æ^ÁáÁ´ | ãb~ã] Áãæ { ↔ æ } Á~àÁ \ áæÁ↑ á * Á ↔ ÁN * * æ^ä ↔ [ÁÉÁãæ { æá~bÁ \ áá \ Á \ áæÁ
&ã~ } \ áÁ ↔ Á \ áæÁ → áb \ Á \ á ↔ ã \] Á] æáãbÁ áábÁ áæ& | ^ Á \ ~ Á äæá → Á } ↔ \ áÁ \ áæÁ ãæ → á \ ↔ { æÁ
↔ b → á \ ↔ ~ ^ Á ~ àÁ \ áæÁ à ~ | ãÁ ↑ á ↓ ~ ãÁ Q | \ áæá ^ Á ^ æ ^ \ æãbÁ ↔ Á \ áæÁ b \ á \ æÈÁ U ↔ [Á ^ æ] Á
´ ~ ^ & ãæ & á \ ↔ ~ ^ bÁ b \ ãæ \ ´ áÁ ~ | \ Á \ áæÁ Q | \ áæá ^ Á ãæ á ´ áÁ á → ~ ^ & Á \ áæÁ ´ ~ áb \ Á à ã ~ ↑ Á
Pæ ^ ^ æ á | ^ ← ÈÁ \ áã ~ | & áÁ Ó á * æÁ Ó → ~ ^ á áæ \ á ÈÁ Ñã | ^ b } ↔ ← ÈÁ É á ↑ áã ↔ b ´ ~ \ \ áÁ á ^ áÁ b ~ ´ ↔ á ^ áÁ
\ ~ Á Ó → b } ~ ã \ á ÈÁ Ú á ãæ æ Á ^ æ } Á ´ ~ ^ & ãæ & á \ ↔ ~ ^ bÁ á á { æÁ & ã ~ } ^ Á | * Á á → ~ ^ & Á \ áæÁ Ø ^ \ æã È
b \ á \ æÁ Ì Í Á áã \ æã] È Á N | & | b \ á È Á Ú á \ æã { ↔ → æÁ á ^ áÁ Ñ á ^ & ~ ã ÈÁ S ~ ã \ á Á Ú ↔ ^ áá á ↑ CbÁ
´ ~ ^ & ãæ & á \ ↔ ~ ^ Á ↔ bÁ \ } æ ^ \] Á ↑ ↔ æbÁ ~ | \ Á ~ à Á § ~ ã \ → á ^ áÁ \ ~ } áã ã Á S æ } Á Ó á ↑ * b á ↔ ãæ Á á → ~ ^ & Á
\ áæÁ ↑ á ↓ ~ ã Á á ↔ & á } á] Á → æ á * ↔ ^ & Á \ ~ Á \ áæÁ Ú á ↔ \ æÁ R ~ | ^ \ á ↔ ^ b ÈÁ Ú áæ Á Ó á ã ↔ á ~ | Á ´ ~ ^ & ãæ & á È
\ ↔ ~ ^ Á ↔ bÁ à ↔ à \ ææ ^ Á ↑ ↔ æbÁ b ~ | \ áÁ ~ à Á S æ } Á U } æáæ ^ Á á ^ áÁ ^ æá ã Á Q ~ ã ↔ ^ Á N ↔ ã Á Ó ~ ã ´ æÁ Ñ á b æ Á
↔ Á Q ↔ æ b \ ~ ^ æ È Á R á ↔ ^ æ È Á Ó á ã ↑ ↔ ^ & \ ~ ^ CbÁ ↑ ↔ b b ↔ ~ ^ Á → æbÁ ↔ Á \ áæÁ ^ ~ ã \ á } æb \ Á ^ á ã \ Á ~ à Á
\ áæÁ b \ á \ æÁ ^ æá ã Á R á ↔ ^ æ CbÁ * ãæ ↑ ↔ æã Á b ↔ Á áã æ á b Á á ^ áÁ á Á ´ á ↑ * | bÁ ~ à Á \ áæÁ Ú ^ ↔ { æã b ↔ \] Á
~ à Á R á ↔ ^ æ È Á Ó ↔ ^ á →] È Á \ áæã æ Á áã æ Á \ } ~ Á ^ æ } Á ↑ ↔ b b ↔ ~ ^ bÁ ã ↔ & á \ Á ↔ Á § ~ ã \ → á ^ á È Á ~ ^ æ Á
~ à Á \ áæÁ Ú ↔ b ´ ~ ^ b ↔ ^ Á U] ^ ~ á Á á ^ áÁ ~ ^ æ Á ~ à Á \ áæÁ N ↑ æã ↔ ´ á ^ Á Q | \ áæá á ^ Á Ó á | ã ´ á È Á Ø \ Á ↑ á] Á
áæÁ | bæ à | → Á \ ~ Á ^ ~ ^ æ Á \ áá \ Á ~ à Á á → Á \ áæÁ Q | \ áæá á ^ Á U] ^ ~ á b Á ↔ ^ Á S æ } Á Ó ^ & → á ^ á È Á \ áæÁ
N ↑ æã ↔ ´ á ^ Á Q | \ áæá á ^ Á Ó á | ã ´ á Á ↔ bÁ b \ ã ~ ^ & æ b \ Á ↔ ^ Á R á ↔ ^ æ È Á } á ↔ æ Á \ áæÁ Q | \ áæá á ^ Á
Ó á | ã ´ á Á ↔ ^ Á N ↑ æã ↔ ´ á Á ↔ bÁ \ áæÁ b \ ã ~ ^ & æ b \ Á Q | \ áæá á ^ Á ´ á | ã ´ á Á à ~ ã] Á ↔ ^ Á S æ } Á Ó ^ & → á ^ á Á
~ { æã á → Á } ↔ \ áÁ \ áæÁ R ↔ b b ~ | ã ↔ Á U] ^ ~ á Á b æ ´ ~ ^ á Á á ^ áÁ \ áæÁ N ↑ æã ↔ ´ á ^ Á Q | \ áæá á ^ Á Ó á | ã ´ á Á
\ á ↔ ã ã È Á Á

N * * æ ^ ä ↔ [Á Ñ Á ãæ { æá → bÁ bæ { æã á → Á ↔ ^ \ æã æ b \ ↔ ^ & Á à á ´ \ bÁ á b Á } æ → È Á Ó ↔ á b \ È Á
\ áæã æ Á ↔ bÁ { ↔ ã \ | á →] Á ^ ~ Á ´ ~ ãã æ b * ~ ^ áæ ^ æ Á áæ \ } ææ ^ Á \ áæÁ b ↔ ~ æ Á ~ à Á á á & ↔ { æ ^ Á \ ~ } ^ Á
~ ã Á ´ ↔ \] Á á ^ á Á \ áæÁ b ↔ ~ æ Á ~ à Á \ áæÁ ´ ~ ^ & ãæ & á \ ↔ ~ ^ Ç b D Á } ↔ \ á ↔ ^ Á ↔ \ b Á á ~ ãã æ á b È Á Ó ~ ã Á
æ \ á ↑ * → æ È Á á á → à Á ~ à Á S æ } Á U } æãæ ^ Á ↔ b Á Q | \ áæá á ^ Á } á ↔ æ Á Q | \ áæá á ^ b Á ^ | ↑ áæá Á → æ b Á \ áá ^ Á

Í Q | \ áæá á ^ Á Ó ~ | ^ ´ ↔ Á ↔ ^ Á \ áæÁ Ú ^ ↔ \ æá Á U \ á \ æbÁ ~ à Á N ↑ æã ↔ ´ á È Á F Ì Í Á W æ á á á ~ ~ ← È Á
Ô ~ ã \ ãæ b Á § ãæ b Á È Á § á ↔ á áæ * á ↔ á È Á F Ì Í J È Á F H J Á Q O N È Á I J H Á Q O È R U È Á H G A N Q O È Á

~^æĚáá→àÁ~àÁ~^æÁ*æá´æ^Ā~àÁ\áæÁ*~*|→á\↔~^Á~àÁÑá^&~ãĚÁ Uæ´~^ãĚÁ à~|ãÁ~àÁ
 \áæÁ\~^Á\æ^Á´~^&ãæ&á\↔~^bÁ↔^Áb↔~æÁáãæÁá↑~^&Á\á~bæÁ´ááã\æãæÁ↔^Á\áæÁ
 →áb\Á\}æ^\]Ěè↔{æÁ]æããbÁá^ãÁ\áæbæÁáá{æÁáÁ´~↑↔^æáÁ↑↑áæãbá↔^Á~àÁFIWĜĚÁ
 ~ãÁ\á↔ã\]Ěè↔{æÁ*æá´æ^Ā~àÁá→^Á\áæÁQ|\áæãá^bÁ↔^Á\áæÁb\á\æĚÁ ÚáæÁà~|ãĚ
 \ææ^Á´~^&ãæ&á\↔~^bÁâæ&|^Á↔^Á\áæÁ→áb\Á\á↔ã\]Á]æããbÁáá{æÁáÁ´~↑↔^æáÁ
 ↑↑áæãbá↔^Á~àÁGGFÍĚÁ ÚáæÁæ↔&á\áãæ↑á↔^&Áæ\á↔^Á´~^&ãæ&á\↔~^bÁâæ&|^Á↔^Á
 \áæÁ*æã↔~ãÁFÍFĚFĪGFÁáá{æÁáÁ´~↑↔^æáÁ↑↑áæãbá↔^Á~àÁGĚĪĜĚÁ Úá|bÁ\áæÁ
 ↔^´ãæábæÁ~àÁ\áæÁQ|\áæãá^Á*~*|→á\↔~^Á↔^ÁRá↔^æÁáábæáÁ|*~^Á&ã~}\á↔^Á^æ}Á
 ´~^&ãæ&á\↔~^bÁ↔bÁ~{æã´~æÁá|^ããæá*æá´æ^Ā↔^Á\á↔ã\]Á]æããbĚÁ~ãÁà↔Á\]Ě\}~Á
 *æá´æ^Ā~àÁ\áæÁ´|ããæ^Ā\~\á→Á↑↑áæãbá↔^Á~àÁá→^Á\}æ^\]Ě\}~Á´~^&ãæ&á\↔~^bÁ
 á^ãÁ↑↔bb↔~^bĚÁ Úá↔ããĚÁ\áæÁæ\á↔^Á´~^&ãæ&á\↔~^bĚÁæ{æ^Á\á~|&áÁ\áæ]ÁáãæÁ
 áæá{↔}Á^~^Ěæ\á↔^Á↔^Á↑~b\Á´ábæbÁ\~ãá]ĚÁá^ãÁæ{æ^Á\á~|&áÁ\áæãæÁáãæÁ^~Á
 ãæ&|→áãÁ^~^ĚÓ^&→báÁbæã{↔^æbÁãæ↑á↔^&ĚÁáãæÁ^~\Á&ã~}↔^&ÁábÁáÁ&ã~|*ĪÁ
 \áæ↔ãÁ\~\á→Á↑↑áæãbá↔^ÁáábÁãæ↑á↔^æáÁb\á\↔^Áà~ãÁà↔à\]Á]æããbĚÁ

ÚáæÁæà~ã\á\~Áà~b\æãÁáÁ´~↔↑á\æÁ´~^á|´↔{æÁ\~Á´á|ã´áÁ&ã~}\á\~}áããÁ
 \áæÁ→á\]æãÁ*áã\Á~àÁ\á↔bÁ\á↔ããÁ&ãæá\ÁæãáÁ~àÁQ|\áæãá^Áææ{æ~*↑æ^Ā↔^Á\áæÁ
 b\á\æÁãæbæã{æÁáÁ´~bæãÁ→~←ĚÁ Úá~Á↔bÁ à~ãÁ↔\LÁ Úá~Á↔bÁ^~\LÁ Úáá\Ábææ↑bÁ
 \~Á}~ã←Á↔^ÁRá↔^æÁ*áã\↔|→áã→]Á↔^Á\áæÁææ´áãæÁ~àÁ\áæÁĪĚbÁá^ãÁ}áá\Áã~æbÁ
 ^~\LÁ Ú~Áâæ&↔^Á}↔\áĚÁ\áæãæÁ↔bÁ^~\ÁáÁb↔^&→æÁá^↔Ě&ã~}\áÁQ|\áæãá^Á*áb\~ãÁ
 ↔^Á\áæÁb\á\æĚÁ Öã~}\á↔bÁãæ´~&↔~æáÁábÁáÁ^æ´æbbáã]Á↔^&ãæ↔æ^Ā^~\Á↓|b\Á
 à~ãÁ↑á↔^æ^á^´æÁâ|\Áà~ãÁb|ã{↔{á→ĚÁ

Şáb\~ãÁĚá^↔æ→ÁÖ↔→áæã\Á~àÁĚá↑áã↔b´~\|ááà↔^ábÁ~*~*~ã\|↔\]Áà~ãÁ&ã~}\áÁ
 á↑~^&ÁáÁ´á\æ&~ã]Á~àÁ*æ~*→æÁ~à\æ^Á^æ&→æ^\æãĚÁ ÖæÁbá]bĚÁ\áæÁ↑↔bb↔~^Á~àÁ

Ç\â→bDÁ´ á | ä´ àÁØÁâæ→æ{æÁ↔bÁ&~↔^&Á\~ÁâæÁâ→æ´\æäÁ\~}áääÁ\áæÁ´ áâ↔^&Áá´ää
 |^ææāb\á´ä↔^&Á↔^Á↑↔^↔b\ä]Á\~Á\áæÁá&↔^&ÈÄĪÁ Şáb\~äÁOáä~→ææÁŪ↔\bÁ~àÁ\áæÁ
 äää´ää´æ}Á↑↔bb↔~^Á↔^ÁŞ~ä\→á´äÈÄ | bæbÁ * | **æ\ bÁ\~Áäæ→{æäÁáæäÁ↑æbbá&æÁ↔^Á
 →á´æbÁ→ææÁâ~b↔\á→bĪÁ

Óá´ áÁ* | **æ\ ÁáábÁáÁáá´ä↔´ á´Á~àÁb~↑æÁ↔^äÈÄ ÚáæäæÁ↔bÁU | ~↔æÁŪ~^&ÈÄ áÁ
 äæáàÁ´ á↔→äÁ}á~Á | bæbÁb↔&^Á→á´& | á&æÁ\~Á´~↑^ | ^↔´ á\æÈÄ ÚáæäæÁ↔bÁ á→b~Á
 Óæää\]ÁÓæá\áæäÈÄ á´ÁŒ↑æä↔´ á´ÁØ´á↔á´Á}á~Á&æ\ bÁáâ~ | \Á↔^ÁáÁ}áææ→´ áá↔äÈ F ÈÄ

ÒæäÁ&ä~}\áÁá´\↔´↔*á\↔~^Á↔bÁá´~^&Áá´~\áæäÁ´æ&→æ´\æäÁ*~ä\↔~^Á~àÁŒ↑æä↔´ á´Á
 á´ääRá↔^æÁb~↔æ\]ÈÄ ÚáæÁbá]bĪÁ

ØÁ}á´\Á\á↔bÁ↑↔^↔b\ä]Á\~Á↑á↔æÁáÁ*äææææ´æÁà~äÁ\áæÁ´~äÈÄ ØÁ}á´\Á\~Á
 \æ→^Á*æ~*→æÁ\~Á´~↑æÁábÁ\áæ]ÁáäæÈÄ^~Á↑á\æäÁ}áá\Á´~\áæbÁ\áæ]Á↑↔&á\Á
 äæÁ}æäâ↔^&È F ÈÄ

Şáb\~äÁŞá\→ÁÓá´↔æÁ~àÁŒæá | \↔à | →ÁUá {↔~äÁ↔^ÁŞ~ä\→á´äääæb´ä↔ææbÁâ↔bÁ´~^&ææÈ
 &á\↔~^Cbáá´ääá↔bÁ~}^Á*æāb~^á→ÁU´ä↔* | äæÈ´æ´\æäæäÁá\↔\ | äæÁ\~}áääÈ&ä~}\áÁ
 ábÁ}æ→ÁábÁb~↑æÁ~àÁ\áæÁàæäābÁ\áá\Á↓ | b\Á´á | äá→]Á´~↑æÁ}↔\á\áæÁ\æäâ↔\~ä]ĪÁ

ØÁ\á↔^↔^Á\áæÁ→áb\Áà~ | äÁ]æáābÁáá {æÁbææ´ÁáÁáæ↔&á\æ´æäÁá}áäæ´æbbÁ~àÁ\áæÁ
 ^ææäÁ\~ÁâæÁáÁäæá´ á↔^&Á~ | \Á´~^&äæ&á\↔~^Á}↔\á\á\áæÁO~b*æ→Á~àÁOæb | bÁ
 Oáâ↔b\ÈÄ U~↑æ\↔↑æbÁ↔^ÁáÁ↑↔bb↔~^Ábæ\↔^&ÈÄ ÇÄ ä~^C\Á↔^~}Á↔àÁ\á↔bÁ↔bÁ
 *æ´ | →áäÁ\~ÁŪ↔b´~^b↔^ÁU]~^äDÈÄ\áæÁ´~^&äæ&á\↔~^Á {↔æ}bÁ↔\bæ→äÁábÁáÁ
 →áb\Áááb\↔~^Á~àÁ~ä\á~ä~ []Áá´ää {↔æ}bÁ~ | \b↔ææābÁ}↔\áÁá´æä\á↔^Áá↑~ | ^\Á
 ~àÁb | b*↔^↔~ÈÄ Œ | \AØÁ\á↔^↔^Á}æÈÄ Şáb\~äÁá´ää↑æ↑ææābÁ↔^´ | äæäÈÄ áá {æÁ
 &~\æ´Ááä~ | ^äÁ\~Á\áæÁ {↔æ} *~↔^Á\æ´ á´C\Á↓ | b\Áb\á]Á}↔\á↔^Á~ | äÁà~ | äÁ
 }á→bÁá´ää*ää´\↔´æÁ~ | äÁ~ä\á~ä~ []Á\áææÈÄ ÚáæÁOäæá\ÁO~^↑↔bb↔~^Á}á´\bÁ
 | bÈÄ | ä&æbÁ | bÈÄ´~á↑\á´ábÁ | bÁ\~Á&æ\Á~ | \Á}↔\á\á\áæÁO~b*æ→Á~àÁOæb | bÁOáâ↔b\Á
 á´ää\æ→Á~\áæābÁáâ~ | \Á↔\Áá´ääØÁ\á↔^↔^Á\áá\Á↔bÁ\áæÁb~ä\Á~àÁ&ä~}\áÁ}æÁ
 áá {æÁbææ´Á↔^Á\áæÁ→áb\Áà~ | äÁ]æáābÈÄ Úáá\Á↔bÁ\áæÁb~ä\Á~àÁ*æāb~^á→Á
 &ä~}\áÁá→b~Á\áá\ÁØÁáá {æÁæ[*æä↔æ´æäÈÄ ØÁäæ´æ´\→]ÁäæááÁáÁ@ | ~\æÁàä~↑Á
 O~á´ÁŪÈÄ R~^ \&~↑æä]Á\áá\Á~^æÁ~àÁ\áæÁ\á↔^&bÁ}æÁä~^C\Áä~Á}æ→Á↔^Á\áæÁ
 Q | \áæäá´Ábæ↑↔^áä]Á↔bÁ\áá\Á}æÁä~^C\Á\áá´áá↑↔bb↔~^bÁ\áæÁ}á]Á}æÁbâ~ | →äÈÄ

Ī~ää→ÁO↔b\~ä]Á~àÁÇá´↔æ→ÁO↔→äæä\ÈÄ Ö | →]ÁGĪÈÄ FĪĪŒÈÄ *ÈÄ HÈÄ

→ŞŞ~ä\→á´äÈÄ Rá↔^æÁO {æ´↔^&ÁO [*äæbbÈÄ Çæ´æ↑æäÁGĪÈÄ FĪĪŒÈÄ ÄØ\CbÁæáb]Á\~Á
 á↔ææÁ*ä~ {æä\]ĪAQ | \áæäá´Á ↑↔^↔b\ä]Áäæá´á↔^&Á~ | \Á\~ÁŪæb\ÁO´àCbÁ Çá↔→ääæ´Á
 *~~äÁÇÄ *ÈÄ ĪÈÄ

→ää↔äÈÈÄ *ÈÄ S.

ÙæÁ{↔æ}Á~|ãbæ→{æbÁä|ã↔^&Á~|ãÁbæ↑↔^áã]Áää]bÁábÁ↑á↔^æ^á^æÁ↑↔^↔b\æãbÁ
&~↔^&Á~|\Á\~Ábæã{æÁá^Áæb\áâ↔bææÁ'~&ãæ&á\↔~^Áá^ää&~↔^&Á\~Ábæã{æÁ
Ö~äCbÁ*æ~*æÁ}↔\áÁÖ~äCbÁÛ~ääÁá^á\áæÁ↔ææÁ~àÁ&~↔^&Á\~Á\áæÁ|'á|ã'áæãÁ
}↔\á\á\áæÁÖ~b*æ→ÉÁ}á↔↔æÁ↔\Á↔bÁ\áææÉÁ↔\Á↔bÁ'æã\á↔^→]Á^~\Á\áæãæÁ↔^Áá^]Á
&ãæá\Á↑æáb|ãæÉÁ Úá↔bÁ↔bÁb~↑æ\á↔^&ÁØÁá{æÁ↔b'~{æãæÁØÁá{æÁ\~Á~{æãÉ
~↑æÉÁ ØÁ^æ{æãÁæ^{\↔b~^æãÁ↑]bæ→àÁ&~↔^&Á\~ÁáÁ↑↔bb↔~^Á'~\ãæ&á\↔~^ÉÁ
ØÁá→↑~b\Áb}á→~}æãÁ↑]Á\ææ\á\á\á^ØÁáæãääÁ↑]Áább↔&ã|^æ^ÉÁ GA

Şáb\~ãÁÑ→æ^ÁÑáã^æbÁ~àÁÛæb\âã~↔~Áb*~↔æÁ\~Á\áæÁ↔↔à↔'|→\Ááá↓|b\É

↑æ^b\á\á\Áá^Á~→ãÁæb\áâ↔bææÁæ\á↔^'Á'~^&ãæ&á\↔~^ÁáábÁ\~Á&~Á\áã~|&á↔^Á
~ãææÁ\~Áæ^~|ãá&æÁá^á^~*æÁ}↔\á↑æá^↔^&à|→Á&ã~}\á\Á

ØÁ\á↔^↔^Á~^æÁ~àÁ\áæÁ\á↔^&bÁ\á\á\Ááá*~æ^æãÁ\~Á\áæÁQ|\áæãá^Á'á|ã'áæbÁ↔bÁ
\áæ]Á}æãæÁbææ^ÁábÁæ\á↔^'Á'á|ã'áæbÁb~Áæ{æ^Á\á~|&á\á\á\ÁáááÁá&~ãÁ
'~àæbb↔~^á→ÉÁ&~ãÁb*↔↔|\á→ÉÁ&~ãÁb'ã↔*|\á→Ááá'↔~ã~|'ááá^á\áæ]Á
*ãæá'áæãÁ\áæÁÛ~ãáÉÁ↔\Á}ábÁá→}á]bÁbææ^ÁábÁáÁá^↔báÁ'á|ã'á~ãÁ\áæÁ
S~ã}æ&á^Á'á|ã'áÉÁ Úáæ]Áá|^&Á~^Á\~Á\áæ↔ã\áá↔↔↔~^á→á^&|á&æbÁ|^*Á
|^↔→Á\áæÁ→á\æÁ Ç\æbÉÁæã→]Á ÇHéBÁâæà~ãæÁ\áæ]Á}æ^Á\~Á\á|→ÁÓ&↔báÁ
bæã{↔^æbÁáææÉÁ Ú~Á↔\Áâ→~↔æãÁ~|\ÁáÁ~\Á~àÁ\áæÁ'~↑|^↔|\ÉÁ ØáÁ]~|Á
á↔^á^C\Á↑ááá]Á~^æÁ~àÁ\áæÁ*æ~*æÁ}á~Á}æ^Á\áæææÁá^á\æÁ}æãæÁ~\Á}↔↔↔^&Á
\~Á→æáá^Áá^↔báÁ~ãÁá\Á→æáb\Á'~↑æÁ\~Á\áæÁbæã{↔^æbÁ↔^Áá^↔báÉÁ\áææÁ
}áb^C\ÁáÁãæá→Á~|\áæá'á↔^&Á&ã~|^É F GA

Şáb\~ãÁÖá^←ÁRá[↔↑Á~àÁ\áæÁ^æ}Á↑↔bb↔~^Á↔^ÁÓ→b}~ã\áÁáábÁáÁáá\áæãÁ

|^↔@|æÁáá^á→æÁ~^ÁÁ&ã~}↔^&ÁáÁ'á|ã'áÁÁÁ Úáá^↔bÁ\~Á\áæÁæ^~|ãá&æ↑æ^Á~àÁ
\áæÁ~^→]Á~\áæÁ↑↔^↔b\æãÁ~àÁáÁ↔|\ã&↔^á→]ÁáábæãÁ'~^&ãæ&á\↔~^Á↔^Á\~^ÉÁ
Óá\áæãÁÖ~ãáá↑Á~àÁUá↔^ÁÖ~bæ*áCbÁP~↑á^ÁÓá\á~↔^ÉÁŞáb\~ãÁRá[↔↑Á}ábÁ↔^É
\ã~ã|'æãÁ\~ÁáÁ'~|^*æÁáã~↑ÁÓá\áæãÁÖ~ãáá↑CbÁ'~^&ãæ&á\↔~^ÉÁ Úáæ]Áâæ^á↑æÁ
b~Áæ|^↔\æãÁáâ~|\Á\áæÁ*~bb↔↔↔|\Á~àÁ\áæÁ^æ}ÁQ|\áæãá^Á↑↔bb↔~^Á↔^Á\~^Á
\á\á\Á\áæ]Á*|\Á|^*Á\áæÁà↔ãb\ÁÁGIÉÉ€€Á~^ÁáÁ*ã↔↑æÁ*↔æ^æÁ~àÁ→á^áá~ãÁUá↔^Á
N^ãæ}CbÁ\~Áâ|↔↔ã↔\bÁæ↔↔↔^æÁ|^*~^Á↔^Á\áæÁ^æãÁá\|\ãæÉ F HA ÚáæÁb~|ã'æÁ

F G~ãá→ÁÖ↔b\~ã]Á~àÁŞá|→ÁÓá^←æÉÁN|&|b\ÁFÎÉÁ F ÎÎJÉÁ*ÉÁ FÉGÉÁ

FĜ~ãá→ÁÖ↔b\~ã]Á~àÁÑ→ÁÑáã^æbÉÁÖ|→]ÁĜFÉÁ FÎÎJÉÁ*ÉÁ IÉÁ

F Hb\ÉÁÑ^ãæ}ÁQ|\áæãá^ÁÓá|ã'áÉÁ Ó→b}~ã\áÉÁRá↔^æÉÁÖ|^æÁFÎÎJÁ^æ}bÁ
ãæ→æábæÉÁ*ÉÁ ÇÉÁ

á^ää^á | ää~àÁ\á↔bÁ&↔à\Á}ábÁb~Áæ[\äá~ää↔^áä]Á\áá\Áb~↑æÁ↔^æäæb\↔^&Á

Q|\áääá^Á^á~\~→Áb\ä↔^&bÁ^æäæäÁ\~ÁâæÁ*|→æäÁà~ää\áæÁ&↔à\Á\~ÁâæÁ

á^æ*\æäÁâ]Á\áæÁ↔bb↔~^ÁÑ~ääää~àÁ\áæÁÓáb\æä^Á↔b\ä↔^Á~àÁ\áæÁÑ↑æä↔^á^Á

Q|\áääá^ÁÓá | ä^áÁâ|\ÉÁábÁ↑↔&á\ÁâæÁæ[*æ^æäÉÁ↔\Á}ábÈ^F IÁ N^~\áääÁ^~^È

&äæ&á\↔~^Á}á↔^áÁábÁâæ^æ↔\æäÁää~↑ÁáÁb~↑á^ÁÓá\á~↔^Ábæ^bæÁ~àÁ

âæ^æ{~→æ^æ↔bÁÔ~→]ÁÓä~bbÁ~àÁPæ^æâ|\^ÉÁ şáb\~ää Ô~á^ÁÓ~ä&á^Á\æ→bÁ\áæÁ

b\~ä]ÁábÁ↔\Á}ábÁâæ→á\æäÁ\~Áâ↔↑Áâ]Áâ↔bÁ*áä↔bá↔~^æäbIÁ

ØÁä~^C\Á^~}Á\áæÁæ[á^Áää\æÁâ|\ÁØÁâæ↔æ{æÁ↔\Á}ábÁ_FíííÉííÁ}áæ^Á\áæÁ
Óá\á~↔^Á^á | ä^áÁ↔^Á\~^ÉÁU\ÉÁR~^↔^áCbÁ}á↔^áÁääáÁ*äæ\↔~|b→]Á}~äbá↔^æäÁ
áæäæÁá^ää\áæ^Á↑~{æäÁ\~Á\áæÁ^~á\áÁb↔äæÁ~àÁ\~}^ÉÁ Úáæ]Á}æäæÁ→~↔^&Á\~Á
bæ→Á\á↔bÁâ|\↔↔ä↔^&Áá^ää*á~*æä]Áá^áÁ\áæ]Áb~→áÁ↔\Á\~Á}bÁ~äáØÁâæ↔æ{æÁ
ÁíÉÉÉÉÁá^áÁ\áæÁ*á~*æä]Á^æ|\Áá~~ääá^áÁáÁb↑á→Á~\Áâæá^áÁ\áæÁ^á | ä^áÉÁ
Ú~ää]ÁÁ}á~Á^~}bÁ}áá\Á\áæÁ*á~*æä]Á}~|→áÁâæÁ}~á\áÁâ|\Á↔\Á}ábÁáÁâæá→Á
&↔à\ÉÁ IÁ

Ô↔^á→]ÉÁ}↔\áÁâæ&áää\~Á&ã~}\áÉÁ\áæäæ↔bÁáÁ{æä]Áæ^~|ää&↔^&Á^~ääæÈ

→á\↔~^Áâæ}\ææ^Á\áæÁ}\~Á^~^&äæ&á\↔~^bÁ}↔\áÁ\áæÁ→ää&æb]Áâ | ä&æ\ bÁá^áÁ\áæ→ää

æ↑*ááb↔bÁ~^Á↔^æ^b↔{æÉÁ~^&↔^&ÁÑ↔á→æÁb|\ä]ÉÁ Ô↔áb\ÁQ|\áääá^ÁÓá | ä^áÁ~àÁ

ş~ã\→á^ää↔bÁ^~\Á^→]Á\áæÁbæ^~^áÁ~→äæb\Áá^|\↔{æÁ^~^&äæ&á\↔~^Á↔^Á\áæÁb\á\æÁ

Çá^áÁ\áæäæ~äæÁâæ^↔äæ→]Áæ\á^↔^Á↔^Á~ä↔&↔^DÉÁâ|\Áá→b~ÁâábÁ\áæÁ~|ä\áÁ

→ää&æb\Á↑æ↑âæäbá↔^ÉÁ Ø\ÁáääÁáÁâ | ä&æ\Á~àÁ_F ĞÉÉÉÉÁ~ää_F íííÁá^áÁá→\á~|&áÁ

↔\Áâæ→Ábá~ä\Á~àÁ\áá\Áâ]Á~{æäÁ}\æ^\]Á\á~|bá^áÁâ~→ääbÉÁ↔\Á}ábÁb\↔→Á

\áæÁbæ^~^áÁ~ää&æb\Áâ | ä&æ\Á~àÁá^]ÁQ|\áääá^Á^~^&äæ&á\|^ÉÁ Úáæ^Á\á↔bÁ

á↑~|\Á↔bÁ^~^b↔äæäæä↔^Á~↔&á\Á~àÁáÁâæ\ÈääæÁàá^↔↔\]ÁÇ\áæÁ→ää&æb\Á

Q|\áääá^Áæä↔á^æÁ↔^ÁRá↔^æDÁá^áÁáÁ↑æ↑âæäbá↔^Á~àÁ~^→]Á\áääæÁá | äääæÁá^áÁ

à↔à\]ÉÁ↔\bÁ↔^*á^Á↔bÁb|âb\á^↔á~IÁæb*æ^↔á→]Á}áæ^Á}\æ^\]Éá↔{æÁ\~Á\á↔ã\]Á

*æä^æ^Á~àÁ\áæÁ\~\á→Á↔bÁ&↔{æ^Á\~Áâæ^æ{~→æ^æbÈ^F IÁ şá↔^æÁ~àÁşæá^æÁ~àÁ

^FI ~ää→ÁÔ↔b\~ä]Á~àÁÓá^↔^ÁRá[\↔^ÉÁÔ|→]ÁĠÉÁ FíííÉÁ *ÉÁ HÉÁ

^FII ~ää→ÁÔ↔b\~ä]Á~àÁÓ~á^ÁÓ~ä&á^ÉÁÔ|→]Á_F I ÉÁ FíííÉÁ *ÉÁ ĞÉÁ

^FI ~ää→ÁÔ↔b\~ä]ÉÁÓää&Áşá&áÉÁÔ|→]ÁĠĠÉÁ FíííÉÁ *ÉÁ ĞÉÁ

ãæá→\]ÊÁ \áæÁ'↔\]Á~àÁŞ~ã\→á^äÁá^äÁæ^{\↔ã~^bÈÁ ÚáæÁ'~^\'á'\bÁá↑~^&Á\áæÁ
Q|\áæãá^bÁáãæÁâ~\á↔^à~ã↑á→Áá^äÁ~ã↑á→Áá^äÁ↔^'|äæÁá→Á~àÁ\áæÁ'~^È
&ãæ&á\↔~^bÁ↔^Á\áæÁ&ãæá\æãÁŞ~ã\→á^äÁáãæÁæ['æ*\Á~ãÁ\áæÁÛ↔b'~^b↔^Á
Ó{á^&æ→'á→ÁQ|\áæãá^Á'~^&ãæ&á\↔~^ÈÁ ÚáæÁR↔bb~|ã↔ÁU]^~ãÁ'~^&ãæ&á\↔~^bÁ
↔^ÁÓá*æÁÓ↔~áâæ\áÁá^äÁÛá\æã{\↔↔↔æÁãæ↑á↔^Á~|\Á~àÁ~^~^á→Áá→\áãÁá^äÁ*|\→*↔\Á
âæ→~}bá↔^Áâ|\Á~ãÁ~\áæãÁ~*~ã|\↔↔↔æbÁ\~ÁâæÁ*áã\Á~àÁ\áæÁQ|\áæãá^Á
æ[*æã↔æ^'æÁ↔^Á&ãæá\æãÁŞ~ã\→á^äÈÁ

ÚáæãæÁáãæÁbæ{\æãá→Á'~^'æ^\'ã↔^'Á'↔^'á→æbÁ~àÁ↓↔^'\ÁQ|\áæãá^Á'~^&ãæ&áÈ
\↔~^á→Áæ^äæá{\~ãÁ↔^Á\áæÁáãæÁÈÁ Ô↔ãb\ÊÁ \áæãæÁ↔bÁ\áæÁ&ã~|*Á~àÁ'~^&ãæ&á\↔~^bÁ
}\á↔^'á'~*æãá\æbÁ↔^Á{\↔ã|\á→\]Áá→Áæ^äæá{\~ãbÁá^äÁ↔^'|äæbÁ\áãæÁN↑æã↔^'á^Á
Q|\áæãá^Á'~^&ãæ&á\↔~^bÈÁ Úá↔^↔\]ÊÁ Úæb\áã~↔~ÌÁ Ó↑^á|bÈÁ Ôá→↑~|\áÌÁ á^äÁÔ↔ãb\ÊÁ
Ş~ã\→á^äÌÁ *→|bÁ\áæÁ~^→\]ÁQ|\áæãá^ÁÓá|ã'áÁ↔^ÁN↑æã↔^'á'~^&ãæ&á\↔~^Ž↔^Á\áæÁ
áãæáÈÁ Úá↔^'\ÁN^b&áãÈÈÁ ÚáæbæÁ'~^&ãæ&á\↔~^bÁæ{\æ^Á*~→Á\áæ↔ãÁæà~ã\bÁ~ãÁ
'~↑á↔^æäÁQæ^\æ^Ábæã{\↔^æbÁá^äÁ\áæÁ*~æÈÁ Úæ'~^äÈÁ \áæãæÁ↔bÁ áÁ&ã~|*Á}\á↔^'á
*áã\↔^*á\æbÈÁ↔^Ááä↔^↔~^Á\~Á\á~bæÁ'~^&ãæ&á\↔~^bÁ↓|b\Á*~b\æäÈÁ↔^'áÁÁ
}\æ↔^→\]ÁŞáb\~ãCbÁÑ↔â→æÁU|\]á]ÊÁ↔^'Á\æãá→\]ÁÓá~ãá→Á~àæb\↔^{\á→bÁá^äÁPæ~^~^á\↔~^Á
'æ~æããá\↔~^Áá^äÁ↔^'Á\áæÁb~'↔^á→Á↑↔^↔b\ã\]Ááã↑Á~àÁQ|\áæãá^↔b↑Á↔^'Áb~|\áæã^Á
Rá↔^'æÁ↔^~}\^ÁábÁŞ~ã\→á^äÁÑãæáÁQ|\áæãá^ÁUæã{\↔^æbÁ ÇŞNQUDÈÁábÁ}\æ→ÁábÁ\áæÁ
áä↑↔^↔b\ãá\↔~^Á~àÁ\áæÁŞ~ã\→á^äÁ~à↔^'æÁ~àÁ\áæÁSæ}\^ÁÓ^&→á^äÁQ|\áæãá^Á
Uæã{\↔^æÁNbb~'↔^á\↔~^Á ÇQUNDÁ}\á↔^'áÁábÁ↔^bÁãæ&↔~^á→Ááæá@|áã\æãbÁ↔^'Á
Ôãá↑↔^&áá↑ÈÁRábbá'á|bæ\\bÈÁ ÚáæbæÁ'~^&ãæ&á\↔~^bÁ↔^'→|äæÁ\}\^Á↑~ãæÁ
N↑æã↔^'á^ÁQ|\áæãá^Á'~^&ãæ&á\↔~^bÈÁ Ô~→\]ÁÓã~bbÈÁPæ^æâ|^←Áá^äÁÔá↔^'áÈÁ S~ã\áÁ
Û↔^äáá↑ÌÁ Öãá'æÈÁN|â|ã^Á~àÁ\áæÁNbb~'↔^á\↔~^Á~àÁÓ{á^&æ→'á→ÁQ|\áæãá^Á
Óá|ã'áæbÌÁ á^äÁ\áæÁR↔bb~|ã↔^'~^&ãæ&á\↔~^ÈÁ Pæäææ↑æãÈÁ Óá*æÁÓ↔~áâæ\áÈÁ
Ô↔^'á→\]ÊÁ \áæãæÁ↔bÁ\áæÁ→áã&æb\Á&ã~|*Á}\á↔^'á^Á↔^'→|äæbÁá→Á~àÁ\áæÁ~ãæ&↔^'&Á

{æ^ \ | äæÁ} ⇔ \ áÁáÁ↑ á↓ ~ äÁ´ ~ ^b | → \ ⇔ ^ & Áá´ äá´ ~ ^b \ ä | ´ \ ⇔ ~ ^ Á à ⇔ ^ ^ Á ⇔ ^ Á \ äæÁ ä ä ä ä Ä
 ⇔ ⇔ \ á ä Á N b b ~ ´ ⇔ á \ æ b È Á Ú á ⇔ b Á | ^ ä æ ä \ á ⇔ ⇔ ^ & Á ⇔ b Á´ ~ ^ b ⇔ ä æ ä á á → æ Á à ~ ä Á b | ´ á á á Á b ↑ á → Á
 & ä ~ | * Á ~ à Á Q | \ á æ ä á ^ b Á Á | \ Á & æ ^ ä á →] Á á´ ^ ~ } → æ ä & æ ä Á \ ~ Á ä æ Á } ~ ä \ á Á \ á æ Á ä ⇔ b ~ Á á ^ ä á
 á á ä ä Á } ~ ä ~ Á ⇔ ^ { ~ → { æ ä È Á Ş N Q U Á } á b Á \ á æ Á ä ä ä á ↑ á ~ à Á \ } ~ Á à ~ ä ↑ æ ä Á R á ⇔ ^ æ Á * á b \ ~ ä b È Á
 Q ⇔ ^ ^ Á Ş * ä æ ä ä æ´ ^ æ Á ~ à Á Ô ⇔ ä b \ Á á ^ ä Á Ô æ ~ ä æ Á P ä á | b Á ~ à Á P æ ä æ æ ↑ æ ä È G G Á Ş * ä æ ä ä æ´ ^ æ È Á
 ^ ~ } Á ⇔ ^ Á Ü ⇔ ä & ⇔ ^ ⇔ á È Á } á b Á \ á æ Á b * æ´ ⇔ á → Á & | æ b \ Á b * æ á ~ æ ä Á Á \ Á \ á æ Á ä æ ä ⇔ ´ á \ ⇔ ~ ^ È Á á ^ ä Á
 P ä á | b Á ⇔ b Á´ | ä ä æ ^ \ →] Á á Á Ş ä ~ à æ b b ~ ä Á á \ Á Ô ~ ^´ ~ ä ä ⇔ á Á Ú á æ ~ → ~ & ⇔ ´ á → Á U æ ↑ ⇔ ^ á ä] È Á Ô ~ ä \ Á
 Ú á] ^ æ È Á Ø ^ ä ⇔ á ^ á È G G Á

Ñ ~ \ á Á Q | \ á æ ä á ^ Á ä ä á \ æ ä´ á → Á ⇔ b | ä á´ ^ æ Á ~ ä ä á ^ ⇔ ´ á \ ⇔ ~ ^ b Á ä ä æ Á ä æ * ä æ b æ ^ \ æ ä Á
 ⇔ ^ Á R á ⇔ ^ æ È Á ~ ^ Á á Á b ↑ á → Á b´ á → æ È Á Ú á æ Á N ⇔ ä Á N b b ~ ´ ⇔ á \ ⇔ ~ ^ Á à ~ ä Á Q | \ á æ ä á ^ b Á á á b Á ↓ | b \ Á
 ~ { æ ä Á à ~ | ä Á á | ^ ä ä æ ä Á * ~ → ⇔´] á ~ → ä æ ä b Á } á ⇔ ⇔ æ Á \ á æ Á Q | \ á æ ä á ^ Á Ñ ä ~ \ á æ ä á ~ ä Á á b Á á á ~ | \ Á
 \ } ~ Á á | ^ ä ä æ ä È Á Ú á æ Á N N Q Á ä ä á ^´ á Á á á b Á Á C C Ö ~ ä Á U \ á ä Á Á b \ á \ | b Á } á ⇔´ á Á ↑ æ á ^ b Á \ á á \ Á ⇔ \ Á
 b * ~ ^ b ~ ä b Á ^ → → → æ ~ | b Á á´ \ ⇔ { ⇔ \ ⇔ æ b Á æ á´ á Á } æ ä ä Á } á ⇔´ á Á ↑ | b \ Á ä æ Á á \ \ æ ^ ä æ ä Á ä Á á Á
 ↑ ⇔ ^ ⇔ ^ \ ^ Á * æ ä´ æ ^ \ á & æ Á ~ à Á * ~ → ⇔´] á ~ → ä æ ä b Á ⇔ ^ Á \ á æ Á b \ á \ æ È Á Ú ⇔ \ á á ↑ á ^] Á ↑ æ ↑ á æ ä b Á
 \ } ~ Á á ^ ä Á \ á ä æ ä Á á | ^ ä ä æ ä Á ↑ ⇔ ⇔ æ b Á á } á] È Á ⇔ \ Á ⇔ b Á ^ ~ Á b ↑ á → Á à æ á \ Á \ ~ Á ä æ Á á á → æ Á \ ~ Á
 ´ á ä ä] Á ~ | \ Á ⇔ b Á à | ^´ \ ⇔ ~ ^ b Á b | ´´ æ b à | →] È Á Ú á æ Á → á ä & æ b \ Á \ á b ~ Á | ^ ä æ ä \ á ~ æ Á \ ~ Á
 ä á \ æ Á á] Á N N Q Á } á b Á \ á æ Á à ⇔ { æ Á \ á ~ | b á ^ ä Á ä ~ → á ä Á´ ~ ^ b \ ä | ´ \ ⇔ ~ ^ Á ~ à Á á Á O ä ä ⇔ b \ ⇔ á ^ Á
 * ä ä È b´ á ~ → Á * → á] & ä ~ | ^ ä Á á \ Á Ô ⇔ ä b \ Á Q | \ á æ ä á ^ Á O á | ä´ á Á ~ à Á Ş ~ ä \ → á ^ ä È G H Á Ú á æ Á
 Q | \ á æ ä á ^ Á Ñ ä ~ \ á æ ä á ~ ä Á ⇔ b Á ⇔ ^ Á \ á æ Á * ä´ æ b b Á ~ à Á b æ \ \ ⇔ ^ & Á | * Á á Á ä ä á \ æ ä´ á → Á ä ä á ^´ á Á
 ⇔ ^ Á \ á æ Á Ş ~ ä \ → á ^ á Á ä ä æ á Á á ^ ä Á } ⇔ → Á ä æ Á ä æ ä ä @ | á ä \ æ ä ä á \ Á Ó → → → á | b È Á Ó á → ↑ ~ | \ á È Á

^{GG} ~ ä á → Á Ô ⇔ b \ ~ ä] È Á Ö ä æ & Á Ş á & á È Á Ô | →] Á G G È Á F Í Î J È Á * È Á G È Á

^{GG} ´ ~ ^ { æ ä b á \ ⇔ ~ ^ Á } ⇔ \ á Á Ô ~ á ^ Á P ä á | b È Á Ç ä È Á P ä á | b C Á] ~ | ^ & æ b \ Á b ~ ^ È Á Ô æ ä È Á Î È Á
 F Î Î È Á N → Á à ~ | ä Á ~ à Á P ä á | b C Á b ~ ^ b Á á á { æ Á ä æ \ | ä´ æ ä Á \ ~ Á → { æ Á ⇔ ^ Á R á ⇔ ^ æ Á b ⇔ ^´ æ Á
 ´ á → → ^ & Á P æ ä æ æ ↑ æ ä C b Á * ä ä b ~ ^ á & æ Á C C á ~ ↑ Á Á ä ä ~ ↑ Á F Í Î H È F Í Î È Á

^{GH} ´ ~ ^ { æ ä b á \ ⇔ ~ ^ Á } ⇔ \ á Á Ô | → æ Á Ş á → | & È Á Ô æ ä ä | á ä] Á G F È Á F Í Î J È Á á \ Á P æ ä æ æ ↑ æ ä Á
 Q | \ á æ ä á ^ Á O á | ä´ á Á N ⇔ ä Á N b b ~ ´ ⇔ á \ ⇔ ~ ^ Á à ~ ä Á Q | \ á æ ä á ^ b Á Ñ ä á ^´ á Á H J I È Á ↑ æ æ \ ⇔ ^ & È Á

OÒNŞÚÓPÁÛØÁ

ÛÒÓPÓÁQÛÛÒÓPNSØURÁSŞÛÁUÚNSÇEÁØSÁRNØSÓIÁ

ÛÒÓÁÛÒÓŞQŞÖØONQÁÇØRÓSUØŞSÁNSÇEÁØRŞNOUÁSŞÔÁÛÒÓÁSÓUÁQÛÛÒÓPNSÁOÛPÓØÁ

Q | \áæãá^↔b↑Á↔^ÁRá↔^æÁb\á^äbÁá\ÁáÁ'ã↔\↔'á→Á'ã~bbã~áää↔^ÁFÏÍIÁâæË
 'á | bæÁ~àÁ\áæÁ↑~↑æ^~ | bÁäæ'↔b↔~^bÁ}á↔'áÁ}↔→ÁâæÁ↑áäæÁá\Á\áæÁO | ↑âæã→á^áÁ
 O~ | ^\]ÁO↔{↔'ÁNãæ^áÁ↔^ÁÕ | ^æÁ~àÁ\á↔bÁ]æáäEÁ Ôã~↑Á\áæÁæ↔{æ^~\á\~Á\áæÁ
 \á↔ã\ææ^~\áÛáæÁO~^b\↔ | \↔^&ÁO~^ {æ^~↔~Á~àÁ\áæÁSæ}ÁÓ^&→á^äÁU]^~ä~àÁ\áæÁ
 ^æ}ÁÓ{á^&æ↔→'á→ÁQ | \áæãá^ÁOá | á'áÁ~àÁN↑æã↔'áÁ ÇÓQÖNDÆÁ}↔→ÁâæÁ↔^Ábæbb↔~^ÈFÁ
 ÛáæÁá^↔\↔'↔*á\æäÁ{~\æÁ~^Á\áæÁà↔^á→Á↑æã&æãÁ*→á^Á↔bÁáÁà~ãæ&~^æÁ'~^'→ | b↔~^ÈGÁ
 Ûáá\Á\áæÁ↔^*á'\Á~àÁ\áá\Á{~\æÁ}↔→ÁâæÁ | *~^Á\áæÁä~'\ã↔^æÁá^äÁ*~↔→']Á~àÁ
 Q | \áæãá^↔b↑Á↔^ÁRá↔^æÁ↔bÁ b\↔→Áá^Á~*æ^Á@ | æb\↔~^È GÁ

Ø^ÁRá↔^æEÁ \áæÁ^æ}bÁ~àÁ\áæÁ↔^↔\↔→Á↑æã&æãÁ {~\æÁâ]Á\áæÁ\áäææÁ↑æã&↔^&Á
 â~ä↔æbÁ}ábÁá**→á | äæäÁâ]Á\áæÁ↑æã↔áEÁ R~b\Áb | **~ã\↔{æÁ}ábÁR↔'ááæ→ÁÕEÁ
 R'rá^ | bÁ}á~Á↔^Áá↔bÁáã\↔→æÁæ^↔\↔→æäEÁ ÄÖá→æ→ | ↓ááÁà~ãÁ↑æã&æãÁ~àÁQ | \áæãá^bÁÁ
 @ | ~\æäÁÕæb | bÁ*áá | ↔^&Á\~ÁO↔bÁÔá\áæãÁà~ãÁ\áæÁ | ^↔\]Á~àÁO↔bÁà~↔→ }æbÌIÁ

→ÄSEÁ ÖEÁ U]^~äÄË ÓQÖNÁ\~ÁÔ~ã↑Áá\ÁŞ~ã\→á^äEÁRÓEÁÖ | ^æÁFFÈFç ÈÁÁ Ö~á^Á
 U*á^&→æãÁ↔^ÁSæ}ÁÓ^&→á^äÁQ | \áæãá^EÁ ÇÖá^ÐÔæâEÁ FÏÍIÁ FEA

GS~\Á~^æÁ~àÁ\áæÁNÓQOËÁNQOÁ~ãÁQONÁ*áb\~ãbÁ↔^ÁRá↔^æÁæ[*ãæbbæäÁá^]Á
 ä~ | â\Á\áá\Á\áæÁSæ}ÁÓ^&→á^äÁU]^~äÁ}~ | →ãÁá**ã~ {æÁ\áæÁà↔^á→Á↑æã&æãÁ {~\æÁâ]Á
 áÁ}↔æÁ↑áã&↔^EÁ

Ğ Óá'áá^áb\~ãÁ↔^ \æã {↔æ}æäÁ↔^ä↔'á\æäÁ\áá\Áà~ãÁ*ãá'\↔'á→Á* | ä*~bæbÁ\áæÁ
 ↑æã&æãÁ}~ | →ãÁáá {æÁ↔→\}↔æÁ↔^*á'\Á | *~^Á\áæÁáá]Á\~Ááá]Á~*æãá\↔~^Á~àÁ\áæ↔ãÁ
 *áá↔bÁEÁ â | \Á↔bÁ&äææáÁáâ~ | \Á}áæãæÁ\áæÁä~'\ã↔^á→Áá^áá^ãá'\↔'á→Á↔b | æbÁ
 }↔→Áà↔^á→]Á'~↑æÁ\~Áãæb\ÈÁ

"that all of them may be one . . . so that the world may believe you have sent Me," and went on to describe the merging partners;

The three merging denominations are liberal. All ordain women, for example, and are deeply ecumenical and committed to social activism on behalf of the poor while the Missouri Synod disagrees on each issue.⁴

The Regina Journal Tribune of Saskatchewan, Canada, reported the event as saying this would now be "an American church . . . that brings together all the ethnic strands of American Lutheranism."⁵ Missouri Synod's Alive publication of September 8, 1986, simply reported the event under the caption "Three Lutheran bodies give go-ahead to merger in concurrent conventions," with no editorial comment.⁶ It did not report that President Ralph Bohlmann appeared at the Lutheran Church in America convention on Friday, August 29, 1986, to offer his "congratulations and best wishes in this wonderful moment."⁷

The major issue which separates Missouri from the merging bodies is with regard to the basic understanding of whether Holy Scripture is God's inerrant Word. The accepted Lutheran understanding of the issue, until recently, has been that of the Preface of the Book of Concord which refers to Holy Scripture as "the pure, infallible Word of God."⁸

⁴Michael J. McMannis in Ethics and Religion section of the Portland Press Herald, September 6, 1986.

⁵Jerry Schwartz in Religion section of the Regina Journal Tribune, Saturday, August 30, 1986, p. 5.

⁶The Lutheran Church-Missouri Synod Alive, Vol. 12, No. 32, Sept. 8, 1986, p. 2.

⁷schwartz. p. 5.

⁸Theodore G. Tappert, Translator and Editor, The Book of Concord, (Philadelphia, Fortress Press, 1959), p. 8.

NÁbá↑*~&Á~àÁ\àæÁ~^b\↔\|↔~^bÁ~^~&æÁ~{æãÁ\àæÁ*áb\Á}æãá
]↔æ→ãbÁ\àæÁà~&Áb\á\æ↑æ\|bÈÁ ÚáæÁà↔ãb\Á↔bÁ àã~↑ÁÖ|b\áàÁNä~*áÈÁ Sæ}Á
 U}æææ^Á ÇQONDEÁ}á↔↔æÁ\àæÁbæ~^äÁ↔bÁ àã~↑ÁÚã↔↔\|ÈÁ Úæb\ã~&Á ÇNQODEÁ

NFÚOQOÁØØÁ O~^àæbb↔~^Á~àÁÔá↔\áÈË Ö|b\áàÁNä~*á ÈÁ Sæ}ÁU}æææ^Á ÇQONDA

Uæ\↔~^ÁFÈÁ Úá↔bÁ~^&ãæ&á\↔~^Á~^àæbbæbÁÖæb|bÁOá↔↔b\ÁábÁQ~ããÁ~àÁ\àæÁ
 Oá|ã áÈÁ ÚáæÁÖ~>]ÁU*↔↔\Á áæá\æbÁá^áÁb|b\á↔↔bÁ\àæÁOá|ã áÁ\áã~|&áÁ\àæÁ
 Ö~b*æ→Áá^äÁ\àæãæá]Á|^↔\æbÁáæ~&æ{æãbÁ}↔\áÁ\àæ→ãÁQ~ããÁá^áÁ}↔\áÁ~^æÁ
 á^~\àæãÁ↔^Á\àæÁàæ→>}bá↔^Á~àÁàá↔\áÈÁ

Uæ\↔~^ÁGÈÁ Úá↔bÁ~^&ãæ&á\↔~^Áá~>ãbÁ\á\Á\àæÁÖ~b*æ→↔bÁ\àæÁãæ{æ→áÈ
 \↔~^Á~àÁÖ~ãCbÁb~{æãæ&^Á}↔→á á^áÁbá{↔^&Á&á^æÁ↔^ÁÖæb|bÁOá↔↔b\ÈÁ Ø^Á
 Ö↔↔ÈÁ\àæÁÚ~ããÁØ^ áã^á\æÈÁÖ~ãÁ↔↔*áã\|bÁÖ↔↑bæ→àÁ\~Á↑æ^ÈÁ

Uæ\↔~^ÁGÈÁ Úá↔bÁ~^&ãæ&á\↔~^Áá^<~>}æã&æbÁ\àæÁÖ~>]ÁU á↔*\|ãæbÁábÁ
 \àæÁ^~á^Áà~ãÁ\àæÁàá↔\áÁá^á^~>àæÁ~àÁ\àæÁOá|ã áÈÁ ÚáæÁÖ~>]ÁU á↔*\|ãæbÁ
 áãæÁ\àæÁã↔{↔^æ→]Á↔^b*↔↔æãÁãæ~ããÁ~àÁÖ~ãCbÁãææ↑*\{æÁá\Á↔^ÁOá↔↔b\ÈÁ
 à~ãÁ}á↔^á\àæÁÑ~ãÁÚæb\á↑æ^Á*ãæ*áãæá\àæÁ}á]Áá^áÁ}á↔^á\àæÁ Sæ}Á
 Úæb\á↑æ^Á*ã~>á↔↑bÈÁ Ø^Á\àæÁ~^&↔↔\|á\↔~^Á~àÁ\àæbÁ*ã~>á↑á\↔~^Á↔^Á
 \àæÁOá|ã áÈÁÖ~ãÁb\↔↔→Áb*æá<bÁ\áã~|&áÁ\àæÁÖ~>]ÁU á↔*\|ãæbÁá^áÁ
 áæá~>æbÁÖ↔bÁãææ↑*\{æÁ*|ã~>bæÁ&æ^æá\↔~^Ááà\æãÁ&æ^æá\↔~^È Ú^Á

NFÚOQOÁØØÁ O~^àæbb↔~^Á~àÁÔá↔\áÈË Úã↔↔\|ÈÁ Úæb\ã~&Á ÇNQODÁ

Úá↔bÁ~^&ãæ&á\↔~^Áá^æ*\bÁá→Á\àæÁ^á^~>á→Áá~<bÁ~àÁ\àæÁÑ~ãÁá^áÁ Sæ}Á
 Úæb\á↑æ^Á\|bÁábÁáÁ}á~>æÁá^á^>Á^>Á\àæ→ãÁ*áã\|bÁábÁ\àæÁã↔{↔^æ→]Á↔^È
 b*↔↔æãÈÁãæ{æá↔æãÁá^áÁ↔^æãá^ÁÚ~ããÁ~àÁÖ~ãÈÁ á^áÁb|á↑↔\|bÁ\~Á\àæbÁábÁ
 \àæÁ^~>]Á↔^áá→>↔→æÁá\|á~>↔\|]Á↔^Áá→>↑á\|æãbÁ~àÁàá↔\|áÁ^á^~>àæÈFGÁ

O→æãã→]ÈÁ\àæbÁ\}~Áb\á\æ↑æ^Á\|bÁããæÁb|á\|á\↔↔→]Áã↔ààæãæ^ÈÁ

NÁ~^↑*áã↔↔b~^Á~àÁ\àæÁ{áã↔↔\|]Á~àÁ}á]bÁ↔^Á}á↔^áÁ~^&æbb↔~^á→Áb|áÈ

b^ã↔*\|↔~^Á↔bÁáá^á→æãÁá]Á\àæÁ{áã↔↔|bÁQ|\àæãá^Áá~ã↔æbÁbã~}bÁ\àæÁ↑á↓~ãÁ↔↔àÈ
 àæãæ^æbÁ~àÁ|^ãæãb\á^á↔^&Ááá~|\|Á\àæÁ^~ã↑á↔{æÁ@|á~>]Á~àÁ\àæÁã~^|↑æ^bÈÁ

→~^b\↔\|↔~^Á~àÁÖ|b\áàÁNä~*áÁQ|\àæãá^ÁOá|ã áÈÁ Sæ}ÁU}æææ^ÈÁ
 Rá↔^æÁ Ç|^áá\æãDEÁ *ÈÁ FÈÁ

FG~^b\↔\|↔~^Áá^áÁÑ]→á}bÈÁ Úã↔↔\|]ÁQ|\àæãá^ÁOá|ã áÈÁ Úæb\ã~&Á
 Rá↔^æÁ FÏJFÈÁ *ÈÁ FÈÁ

ÚáæÁà→āb\Áb\á\æ↑æ^\Áâæ~}Á→bÁ\áæÁÀà~ã↑Á*áää&ää*áÁÁ|bæÁ↔^Á*ää'\↔'á→}Á
á→ÁR↔bb~|ã↔ÁU|^~ääÓ~^b\↔|\↔~^bÌÁ

ÚáæÁÓ~^&ãæ&á\↔~^Áá'æ*\bÁá→Á\áæÁU|↑á~↔^Áâ~↔bÁ~àÁ\áæÁQ|\áæää^Á
Oá|ã'áÁ'~^\á↔^æää↔^Á\áæÁÑ~↔~Á~àÁÓ~^~ääÁ~àÁ\áæÁ]æääÁFÎĒĒ{↔ĒĒ\áæÁ
Ó'|↑æ'↔'á→ÁÓãæääbÁÇ\áæÁÑ*~b\~↔^ĒĒ\áæÁS↔'æ^æÁá^áÁ\áæÁÑ\áá^áb↔á^DĪÁ
\áæÁŪ^á→\æääääÑ|&bâ|ã&ÁÓ~^àæbb↔~^Á~àÁFÎĒĒ\áæÁÑ*~↔~&]Á~àÁ\áæÁ
N|&bâ|ã&ÁÓ~^àæbb↔~^ĪÁ\áæÁÓá\æ'á↔b↑bÁ~àÁRáá\↔^ÁQ|\áæääĪÁ\áæÁU↑á→'á→ää
Nā\↔'→æbĪÁŪĪæá\↔bæÁ~^Á\áæÁŞ~}æääÁ^ääŞā↔↑á']Á~àÁ\áæÁŞ~*æĪÁá^áÁ\áæÁ
Ô~ã↑|→áÁ~àÁÓ~^~ääÁábÁáÁ~ääæ'\Áá^áÁb~|^ääæ[*~b\↔~^Á~àÁÓää↔b\↔^Á
Ē~'\á↔^æÁ\á↔^Ááää~↑Áá^áÁ↔^Áá|→Áá'~~ää}↔\áÁ\áæÁÒ~}ÁU'á↔^|\áæbĒĒ

N'~~ää↔^&FĪĒĒ\á→Á\æá'á↔^&bÁ~àÁ\á↔bÁÓ~^&ãæ&á\↔~^Ábáá→Áá&ãæÁ}↔\áÁ
\á↔bÁã~'\á↔^æĒĒĒĒ

ÚáæÁbæ'~^ääB\á\æ↑æ^\Á→bÁáÁÀà~ã↑Á*áää&ää*áÁÁà~ãÁÑ↑æã↔'á^ÁQ|\áæää^ÁÓ~^&ãæĒ
&á\↔~^bÌÁ^~\↔'æÁ\áæÁŪĪæá\↔bæÁ↔bÁ^~\Áb*æ'↔↔'á→}Á↑æ^\↔~^æääĒĒ

NbÁää↔æääÁ^áÁ\á|æÁb\á\æ↑æ^\bÁ~àÁ\áæÁä~'\ã↔^æÁ~àÁ\áæÁŪ~ääÁ~àÁŌ~ääĒĒ
\á↔bÁ'~^&ãæ&á\↔~^Áá'æ*\bÁá^áÁ'~^àæbbæbÁ\áæÁà~→~}↔^&Áb]↑á~→bĒĒb|âĒ
b'ã↔^|\↔~^Á\~Á}á↔'áÁbáá→ÁâæÁãæ@|↔æääÁ~àÁá→Á↔bÁ↑æ↑áæábĪÁÇFDÁ\áæÁ
á^'↔æ^\Áæ'|↑æ'↔'á→Á'ãæääbĪÁ\áæÁÑ*~b\~↔^ĒĒ\áæÁS↔'æ^æĒá^áÁ\áæÁ
N\áá^áb↔á^ÁÇGDÁ\áæÁŪ^á→\æääääÑ|&bâ|ã&ÁÓ~^àæbb↔~^Áá^áÁQ|\áæääCbÁU↑á→Á
Oá\æ'á↔b↑ĒĒ

NbÁà|ã\áæääæ→áâ~ää\↔~^Á~àÁá^áÁ↔^Áá'~~ää}↔\áÁ\áæbæÁQ|\áæää^Á
U|↑á~→bĒĒ\á↔bÁ'~^&ãæ&á\↔~^Áá~b~Áãæ'æ↔{æbÁ\áæÁ~\áæää~'|↑æ^\bÁ↔^Á\áæÁ
Ñ~↔~Á~àÁÓ~^~ääÁ~àÁFÎĒĒ\áæÁÑ*~↔~&]ĒĒQ|\áæääCbÁQää&æÁÓá\æ'á↔b↑ĒĒá^áÁ
\áæÁU↑á→'á→ääNā\↔'→æbĒĒá^áÁ\áæÁŌ~^'|→áÁ~àÁÓ~^~ääĪÁá^áÁãæ'~&↔'æbÁ
\áæ↑ÁábÁ^~ã↑á\↔{æÁà~ää↔\bÁ\áæ~↔~&]ĒĒ

Úá↔bÁ'~^&ãæ&á\↔~^Áá'æ*\bÁ}↔\á~|\Áãæbæã{á\↔~^Á\áæÁU|↑á~↔^Áâ~↔bÁ
~àÁ\áæÁæ{á^&æ↔'á→ÁQ|\áæää^ÁOá|ã'áĒĒ^~\Á↔^b~àáääábĒĒá|ĒĒáæ'á|bæÁ
\áæ]ÁääæÁ\áæÁ*ãæbæ^\á\↔~^Áá^áÁæ[*→á^á\↔~^Á~àÁ\áæÁ|ãæÁä~'\ã↔^æÁ~àÁ
\áæÁŪ~ääÁ~àÁŌ~ääÁ^áÁáb|↑áää]Á~àÁ\áæÁá↔\áÁ~àÁ\áæÁæ{á^&æ↔'á→Á
Q|\áæää^ÁOá|ã'áĒĒĒĒ

FĪĒĒæääæ↑æääÁQ|\áæää^ÁOá|ã'áĒĒOá*æÁÓ~↔'áääæ\áĒĒRá↔^æĒĒÓ~^b\↔|\↔~^Á
á^áÁÑ|→á}bĒĒĒ|→]ÁFĒĒĒFĪĒĒĒĒ*ĒĒĒĒ

FĒĒã↔^↔]ĒQ|\áæää^ÁOá|ã'áĒĒŪæb\áã~↔~ĒĒRá↔^æĒĒFĪĒĒĒĒ*ĒĒĒĒ

ÚáæÁ\á↔ääÁb\á\æ↑æ^\Á↔bÁáÁ{áã↔á\↔~^Á~àÁáÁÁà~ã↑Á*áää&ää*áÁÁà~áÁ'~&æ&áË

\↔~^bÁ~àÁ\áæÁQ|\áæää^ÁOá|ã'áÁ↔^ÁN↑æã↔'áÌÁN&á↔^ÉÁ\áæÁÚääá\↔bæÁ↔bÁ~↑↔\æäÉÁ

Uæ'\↔~^ÁÏÉÁ Úá↔bÁ'~^&æ&á\↔~^Áá'æ*\bÁ\áæÁÚ^á→\æääáÁN|&bâ|ã&Á
Q~^àæbb↔~^Áá^áÁQ|\áæääCbÁU↑á→^ÁOá\æ'á↔b↑ÁábÁ\ã|æÁ\↔\æbbæbÁ\~^Á\áæÁ
Ö~b*æ→ÉÁá^áÁá'→á~}→æä&æbÁábÁ~^æÁ\↔\áÁ↔\Á↔^Áàá↔\áÁá^áÁá~'\ã↔^æÁá→^Á
'á|ã'áæbÁ\áá\Á~*æ}↔bæÁá'æ*\Á\áæÁ\æá'á↔^&bÁ~áÁ\áæbÁb|↑á~→bÉÁ

Uæ'\↔~^ÁÏÉÁ Úá↔bÁ'~^&æ&á\↔~^Áá'æ*\bÁ\áæÁ~\áæääÁb|↑á~→↔'á→^á~↔~bÁ~àÁ
\áæÁæ{á^&æ↔'á→^ÁQ|\áæää^ÁOá|ã'áÉÁ\áæÁN*~→~&|Á~áÁ\áæÁN|&bâ|ã&Á
Q~^àæbb↔~^ÉÁ\áæÁU↑á→'á→ääÁNã\↔^æbÉÁQ|\áæääCbÁ Qää&æÁOá\æ'á↔b↑ÉÁá^áÁ
\áæÁÖ~^^|→áÁ~àÁO~^~ääÁÁábÁà|ã\áæää{á→↔áÁ↔^æã*æ\á\↔~^bÁ~áÁ\áæÁ
'~^àæbb↔~^Á~àÁOá|ã'áË→^Á

Éá\áæää\áá^Áäæb'ã↔æÁ\áæÁ\áæ~→~&↔'á→^á→ääàæææ'æbÁ~àÁ\áæÁ\áææÁb\á\æ↑æ^\bÁ

↔^Á↑↔^|\æÁäæ\á↔↔ÉÁ\áæÁà~→~}↔^&Á*ääææ^\bÁ\}~^Á{↔æ}bÁ~àÁ~á|Á*æ~*æÁ~^Á\áæÁ

↔↑*~ã\á^æÁ~àÁU'ã↔*\|ãá→^á^áÁO~^àæbb↔~^á→^á|á^b'ã↔*\↔~^ÉÁ Ø^Á\áæÁà~→~}Ë

↔^&Áä↔b'|bb↔~^bÁØÁá↑ÁÁØÈÈÉÁ

Ø^æää{↔æ}ÁØ→^Á
OEOEA E Úá↔↔æÁØÁ}ábÁ&ã~}↔^&Á*ÉÁ\áæääÁ}ábÁ^~Áb|'áÁ\á↔^&ÁábÁæ'~&^↔↔^&Á
~\áæää'á|ã'áæbÁ\áá\Á|'áÉÁ|~|Á^~}ÉÁ N^áÁ^~}Á}æÁ}~ã^Á@|↔æÁ'~bæ→|Á
}↔\áÁ\áæÁNá*\↔b\Á'á|ã'áÉÁá^áÁæ{æ^Á}↔\áÁ\áæÁOá\á~→^Á'á|ã'áÉÁ NbÁáÁ
↑á\æää~àÁää'\ÉÁ~|ãÁb*æá~æää^æ|\AU|^ää|Á↔bÁ\áæÁ{↔b↔\↔^&Á*ã↔æb\Áää~↑Á
\áæÁOá\á~→^Á'á|ã'áÁá^áÁæCbÁ~\Á\áæÁà↔ãb\Á~^æÁ}á~ÁáábÁ~↑æÁ~{æää\~^Á
~|ãá'á|ã'áÁ\~^Á\á~ÉÁ U~^ÁØÁ\á↔^Á\áá\CbÁ&~ãÉÁää~↑Áá→^Á↔^á↔^á\↔~^ÉÁ ØÁ
&|æbbÉÁ~àÁ&ã~}\áÁá^áÁæ~↑↔^&Á↑~ãæÁ↑á|\ãæÉÁ

ÈÈÈÉÁ È N~^&Á\áá\Ábá↑æÁ↔^æÉÁ}æÁáá{æÁ↔^æää↔\áÁbæã{↔æbÍÁ á→^Á\áæÁ
'á|ã'áæbÁ↔^Á\á↔bÁ'~↑^|↔^Á|Áá^áÁ↔^Ásæ}ÁU}æää^ÉÁ ÚæÁáá{æÁÚáá^↔b&↔{↔^&Á
bæã{↔æÉÁOáã↔b|↑ábÁbæã{↔æbÁá^áÁOáb\æääbæã{↔æbÉÁ Úáæ^Ásáb\~ääN^ääääæÁ
}ábÁæææÉÁ}æÁáááÁ↔^æää↔\áÁbæã{↔æÁá\Á\áæÁOá\á~→^Á'á|ã'áÁ↔^Á\~^Á
á^áÁæÁ}ábÁ\áæÁb*æá~æääÉÁ ÚáæÁNá*\↔b\Á↑↔^b\æääää↔{æääáÁ\áæÁ↑æbbá&æÁ
↔^Á~|ãá'á|ã'áÉÁ~áÁ}æÁ}~|→áÁ&~^Á\~Áá→^Á\áæÁ'á|ã'áæbÁ↔^Á\áæÁ\}~^Á'~↑È
↑|↔^↔æbÉÁ

ØÈÈÉÁ È È~æbÁ\á↔bÁ↔^áÁ~àÁá'\↔{↔|Áá→~}Á|~|Áb\↔→^Á\~^Áäæ\á↔^Á|~|ãÁ~}^Á
↔ææ^\↔|ÁáábÁQ|\áæää^bÉÁ

RÈNÈĀ Ē ØĀ \ā↔←Āb~ĒĀ W~ | āĀ@ | æb\↔~^ĀāæāĀā~ | \Āā~ } Ā } ~ | →āĀĀĀ^~Ē
 Q | \āæāĀĀāæb↔āæ^Ā~āĀ | ~ | āĀ^~↑^ | ^↔ | \Āāæb' ā↔āæĀ \āæĀ^~^&āæ&ā \↔~^ĒĀ
 Ūāæ | \Āāæb' ā↔āæĀ | bĀābĀāæ↔^&Ā | ^↔@ | æĒĀ R~āæĀ \āā^Ā~^æĀ*æāb~^ĀāābĀbā↔āĒĀ
 ØĀāā { æĀ^æ { æāĀ^~^ } ^Āb | 'āĀ } ā^~^Āāā↔æ^ā↔^æbbĀā } \āæāĀābĀ↔^Ā | ~ | āĀ'ā | ā'āĀ
 ā^āĀ↔āĀØĀ ~ | →āĀāæ~^&ĀāæāĀā^āĀā \ \æ^āĀā→Ā \āæĀ \↔ĒĒĒĒØĀ } ~ | →āĀ~*æĀ \~ĒĀ

ØÈĒĒĀ Ē Q | \āæāĀ^↔b↑Ā } ābĀā~ | ^āæĀĀ | *~^Ā \āæĀāāb↔^ĀĒ↔ā↔'ā→Ā*ā↔^↔*ā→Ā~āĀ
 \āæĀ↔^*~ā \ā^'æĀ~āĀØ~āCbĀŪ~āāĀā^āĀ \āæĀ^æ^ \āā↔\ | \Ā~āĀ \āæĀbā'āā↑æ^ \bĒĀ
 Ō~ } Ā } ~ | →āĀ | ~ | \Ābā | \Ā \ā~bæĀ \ } ~Ā↔\æ↑bĀā↔\Ā↔^ \~Ā } ~ | āĀ↔āæĀābĀāĀ^~^&āæ&āĒ
 \↔~^ĒĀ

RÈNÈĀ Ē ØĀ \ā↔←Ā \āæ | \ĀāāæĀā~ \āĀ↔^*~ā \ā^ \ĒĀ ØĀ \ā↔←Ābā'āā↑æ^ \Ā~^'æĀĀĀ
 ↑~^ \āĀ↔bĀ } āā \Ā↔bĀ^~^b↔āæāæĒĒĀ

ØÈĒĒĀ Ē N^āĀ } \āæāĀ↔^Ā | ~ | āĀ↔āæĀ \~&æ \āæĒĒĒĒ↔āĀā \Āā→ĒĒĒĒ↔bĀ \āæāĀā^Ā↔^*ā^ \Ā
 ~āĀ \āæĀQ | \āæāĀ^Ā^~^āæbb↔~^bĒĀ

ØÈØĒĀ Ē ØĀ } ābĀ&↔^&Ā \~Āāb<Ā } ~ | \Āāā~ | \Ā↓ | b\Āæ[ā^ \→]Ā } āā \Ā↔bĀ↑æā^ \Āā } \Ā \āæĀ
 ~^āæbb↔~^ā→ĀQ | \āæāĀ^↔b↑ĒĒ ØĀā~^C\Ā \ā↔←Ā } æĀā~Āā↔b' | bbĀ↔ĒĒĒĒ ØC↑Āb | āæĀ
 ↔ \CbĀ↔^Ā \āæĀ^~^b \↔ | \↔~^ĒĒĒĒĒ | \Ā } āā \Āā~Ā } ~ | \Ā↑æā^Āā } \Ā \āā \ĒĀ

ØÈĒĒĀ Ē N→ĀØĀ↑æā^Ā↔bĀ \āā \ĀQ | \āæāĀ^↔b↑Āb \↔→Āāæ↔æbĀ~^Ā \āæĀŌ~^āæbb↔~^bĒĒĒĒ
 ā \Ā↔æāb \Ā↔^Ā*āā \Āā~āĀ \āæĀ } ā } \Ā↔^Ā~*æāā \æbĒĒĒĒ

ØÈØĒĀ Ē WæbĒĒĒ ØĀ } ~ | →āĀbā | \Ā \āā \Ā } æĀā~ĒĒĒĒĒ

Ø^ \æā { ↔æ } \ĀĀĀĀ
 ØÈĒĒĀ Ē ØĀĀ } ~ | āĀæb \↔↑ā \↔~^ĒĒĒĒĒ } Ā } ~ | →āĀĀĀ^~^ĒQ | \āæāĀ^Āāæb↔āæ^ \Ā↔^Ā \āæĀ
 ~^~^~^↔↔↔ | \Āāæb' ā↔āæĀ } ~ | āĀ^~^&āæ&ā \↔~^Āā^āĀ } ā } \ĒĀ

RÈØĒĀ Ē Š^æĀ~āĀ \āæĀ&~~āĀāæā \ | āæbĀ~āĀĀR↔bb~ | ā↔ĀŪ] ^~āĀŌā | ā'āĀ↔bĀ \āæāĀ
 ↔bĀ ā→↑~b \ĀāĀĀ | āā^ \æĒĒĒĒĒ ↔^*↔æāĀ~āĀ \āæā } ↔bĒĒĒĒĒ \āā \ĀĀ*æāb~^Ā } ↔→ĀāæāāĀ
 \āæĀŌ~b*æ~ĒĒĒĒ āā \Ā \āæĀ \ā | \āĀ~āĀ \āæĀŪ~āĀĀ } ↔→ĀāæĀ^~^ } ^Āā^āĀ^āæā^āæāĀ
 \āā \Ā \āæĀāāb↔^Ā \æ^æ \bĀ~āĀ \āæĀS→āĀā^āĀSæ } \ĀŪæb \ā↑æ^ \bĀ } ↔→ĀāæĀāāĒ
 āāæāāĀ \~Āb \ā↔^ \→]ĒĒĒĒ } ↔ \āĀ^~Ā { āā↔ā^'æĀāā~↑Ā \āæĀ↔^ \æ^ \Ā~āĀ \āæĀŪ~āĀĒĒĒĒ

ØÈĒĒĀ Ē N^āĀ } ~ | \Āāæ↔æ { æĀ \ā↔bĀ↔bĀb~↑æ \ā↔^&Ā \āā \Ā*æ~*→æĀ↔^Ā \āæĀāāæāĀ
 } ↔ \āĀ \↔↑æĀ^~↑æĀ \~Āā~ĒĀ

RÈØĒĀ Ē Ūā~bæĀ*æ~*→æĀ } ā~Āāææ→Āb \ā~^&→] \Āāā~ | \Ā→æāā^↔^&Āāā~ | \Ā \āæĀĒ↔ā→æĀ
 ā^āĀ \āæĀĀ^ \ | ā→Ā↔^*ā^ \Ā~āĀ \āæĀŪ~āābĀābĀ↔^b*↔āæāĀĀ } \ĀŌ~āĀ } ↔→Ā^~↑æĀ \~Ā
 āĀR↔bb~ | ā↔ĀQ | \āæāĀ^ĀŌā | ā'āĒĒĒĒĒ Ūā~bæĀ } ā~Āāææ→Āb \ā~^&→] \ĀābĀ~*~*~bæāĀ \~Ā
 \āā \ĒĒĒĒĒ } ā~Ā } ā^ \ĀāĀ→~bæĀ↔^ \æā*āæ \ā \↔~^Āā^āĀ^æā \ā↔^Ā*āā \bĀ~āĀ \āæĀĒ↔ā→æĀ
 *æāāā*bĀā↔b^~ | ^ \æāĒĒĒĒ } ↔→Āb \ā } \Āā } ā } \Āāā~↑ĀāĀR↔bb~ | ā↔ĀQ | \āæāĀ^ĀŌā | ā'āĒĒĒĒĒ
 Ūāā \Ā↔bĀ | \ā~ā \ | \ā \æĀĀ | \Ā \āā \Ā↔bĀāĀāā^ \Ā~āĀ↔āæĀā^āĀ \āā \Ā↔bĀ~^æĀ~āĀ

FIJ~āā→ĀŌ↔b \~ā | \Ā~āĀŪā↔^↔ \ | \ĀQ | \āæāĀ^ĀŌā | ā'āĒĒĒĒĒ \~^↔~^↔→ĒĒĒĒĒĒĒĒĒ
 Ō | →] \ĀĒĒĒĒĒ FĒĒĒĒĒ *ĒĒĒĒĒĒĒĒĒĒĒ

IJIÁ

\áæÁãæáb~^bÁ}á]Á*æãáá*bÁ\áæãæÁáábÁ^~\Áâææ^ÁáÁáá*æã&ã~}\áÁ^ÁRá^æÁ
âæ'á|bæÁ*x~*æÁ^Á\áæÁU\á\æÁ~àÁRá^æÁááæÁá' |b\~↑æáÁ\~Á^æã*ãæ\Á
á^áÁ\~Ááá{æÁ\áæÁ~á\|æÁ\~Á^æã*ãæ\Á\áæÁU~ãáÁáá\áæãÁ\áá^ÁáááæãæÁ\~Á
ááb\ã^Á^*á'\Á~àÁ\áæÁU~ãáÁábÁ^~}^ÉÁ

ØÈÈÈÁ È Ò~}Á}~|→áÁ]~|Áäæb'ã^æÁ]~|ãÁ'~^æ&æ&á\^CbÁ&~á~bÁá^áÁááæÁ\á~bæÁ
&~á~bÁáæ^&Áæ\ÉÁ Ûá]Á~ãÁ}á]Á^~\ÉÁ Ûá]Áä~Á]~|Á\á^æ^Á}æÁááæÁáæãÁÉ
}áá\Á^bÁ~|ãÁ*|ã*~bæÉÁ

ØÈÈÈÁ È Û~Áb*ãæááÁ\áæÁÖ~b*x~ÉÁ\áæÁU~ãáÁ~àÁÖ~áÉÁ á^áááá{æÁ\áæÁ'á|ã'áá
&ã~}ÉÁ

ØÈÈÈÁ È W~|Á\á^æ^Á\áá\Á^bÁ\áæÁãæá~Á*ã^áá]Ááæáb~^ÉÁ ØÈÒÈÁ È WæbÈÁ

ØÈÈÈÁ È ØbÁ^Áâæ^&Áá'~*~bææÉÁ ØÈÒÈÁ È ØÁ\á^æ^Áb~ÉÁ]æbÈÁ

ØÈÒÈÁ È ØÁ}~|→áÁ~*æÁ\~Ábá]Áæ{æã]Á\^æÁ\áæãæÁ^bÁáááá*\^b^ÁØÁææ~Á\áá\Á
^bÁ\áæÁ~b\Á^*~ã\á^Á\á^æ^&Á\áá\Áæ{æãÁáá*æ^bÁ^Á~|ãÁ'á|ã'ááÁ^áÁ}áæ^Á
ØÁbææÁáÁ'á^æãæ^&Ááá*\^æãÉÁØÁ\á^æ^Á~\á^æ^&Á}\^æ{æãÁáæÁ~ãæÁ
^*~ã\á^Á\á^æ^Á\áá\Á'á^æãCbÁ~ææÁÉ ^~Á'á\æãÁ}áá\ÁáæÁ\á^æ^bÁ~ãÁbæÉFÍÁ

N\Á\á^bÁ*~^Á~^æÁ^æ&á\Áb^*~}Ááb~ÉÁ}á^áÁ'~^{\æãbá\^Á\~^Á*~á'æÁ
}\^áÁ*x~*æÁ}á~Á}æãæÁ{æãbæá^ÁU'ã^*|\ãÉÁÖ~^æbb^~^á~Áb|âb'ã^*~^Áá^áÁ
Û~ãáÁá^áÁUá'áá^æ^ÁR^æ^b\á]ÉÁ Ñ~\áÁ&ã~|*bÁ}æãÁááb~|æ~}Áäæ~æ&á\^|ÉÁâ|\Á
\áá\Á^bÁ^~\Áá\Á^bb|æÁáæãæÉÁ Ûæ\áæãÁ\áæÁ'á|ã'áÁ^bÁáÁb~^æ~Á&á\áæ^æ&Á
~á'æÁ~ãÁ\áæÁâ~á]Á~àÁÖáá^b\Á^bÁ^~ãæÁ\~Á\áæÁ~^ÉÁ

ÛáæÁææááÁ\áæ^Á~^Á\áæÁ*áá\Á~àÁb~↑æÁà~ãÁ\áæÁ*áá^bæbÁ~àÁ\áæÁ^æ}Á
Q|\áæãá^Á'á|ã'áÁ^bÁ\áá\Á\áæÁÖ~^æbb^~^á~Á~á[\^]Áá~ææá]Á^Áæ{ææ^æÁ}~|→áÁ
~^}Ááæ'~↑æÁ}~ãbæÁ áà\æãÁ\áæÁ^æ&æãÁá^áÁ}~|→áÁ\áæãæ~ãæÁ*æã^Á\á\áæÁÖ~b*x~Á
\~ÁâæÁ}á\æãæáá~}^Á\~ÁáÁá~'|æ^Á\ÁæææãæãÁ\~ÁábÁ\áá\Á^æ^æÁb\~ã]ÉÁÁ Ø^Á
á~Ááá^æ^æbbÉÁ^Ábá~|→áÁâæÁ^~\æãÁ\áá\Á\áææÁá*ááæ^}Á^bÁb~↑æÁ'~^æã^Á
à~ãÁ}áá\Á^bÁáá*æ^æ&Á\~Á\áæÁááb^Á^~}~æ&æÁ~àÁá^áÁáæ&áááá~ãÁ\áæÁ

FÍ~ãá~ÁÖ^b\~ã]Á~àÁæææææááQ|\áæãá^ÁÖá|ã'áÉÁÖá*æÁÖ~^ááæ\áÉÁRá^æÉÁ
Ö|→]ÁæÉÁ FÍÏJÉÁ**ÉÁ FÉGEÁ

\âxÁ\}x^\]Ë\}\~Á'~^&ãx&á\↔~^bÁá^ãÁ↑↔bb↔~^bÁ↔^ÁRá↔^xËÁá→Áâ|\Á\ããxÁ}\↔→Á
 âxÁ*áã\Á~àÁ\âxÁ↑xã&xãÏÁ→xá{\↔^&Á↓|b\Á\âxÁÛ↔b'~^b↔^ÁU]^~ãÁ'~^&ãx&á\↔~^Á↔^Á
 §~ã\→á^ãÁá^ãÁ\âxÁ\}\~ÁR↔bb~|ã↔Á'~^&ãx&á\↔~^bÁ↔^ÁÛá\}xã{\↔→xÁá^ãÁOá*xÁ
 Ó→~ãâx\âËÁ ÛâxÁãx|→\Ábx↑bÁ~â{\↔~|bËÁ Ûâx^x{xãÁ\âxãx↑↔&á\ÁâxÁá^Á~**~ãË
 \|\↔\]Á↔^Á\âxÁ↑xã↔áÁ\~Á↑á↔xÁáÁÁQ|\âxãá^ÁÁ*ã~\~|^'x↑x^\ËÁ↔\Á}\↔→Á↑~b\Á
 ~x~x→]Á'~↑xÁää~↑ÁáÁãx*ãx~x^\á\↔{xÁ~àÁ\âxÁ^x}Á'á|ã'áÁá^ãÁ}\↔→ÁâxÁ*xã'x↔{xãÁ
 â]Á\âxÁ{ãã&xÁ*xãb~^ÁábÁãxà→x'\↔{xÁ~àÁ→ÁQ|\âxãá^Á'á|ã'âxÁ↔^'→|ã↔^&Á
 Û↔b'~^b↔^Áá^ãÁR↔bb~|ã↔ËÁ §áb\~ãÁ§á|→ÁÓá^↔xÁ~àÁ\âxÁÛ↔b'~^b↔^ÁU]^~ãÁãx↑áã~bÁ
 ~^Á\â↔bÁ*ã~ãâ↔↔\]Ï Á

ØÁ\â↔^↔^Á↔\Á↔bÁ&~↔^&Á\~ÁâxÁ'~^à|b↔^&Áâx'á|bxÁ\âxãx↔bÁ&~↔^&Á\~ÁâxÁb|^'áá
 ä↔{xãb↔\]Á}\↔\â↔^ÁQ|\âxãá^↔b↑Á\áá\ÁØÁ'xã\á↔^→]Áã~^C\Á'áãxÁ\~ÁâxÁ\áããxÁ
 }\↔\áÁ\áÁbá↑xÁàxá\âxãÁ\áá\Á↔bÁ|bxÁ\~Áãx'ã↔âxÁ\â↔bÁ^x}ÁQ|\âxãá^Á
 Oá|ã'áËÁ GÁ

Ø^Á\âxÁää]Ë\~Ëää]Á↔^xãá'\↔~^Áá↑~^&Á\âxÁQ|\âxãá^Á*áb\~ãbÁ↔^ÁRá↔^xËÁ
 ~^xÁâxããbÁ\}x^bÁ~x~xÁÄãx|\}xã~ËØbá↔ááËÄÄÄ§ã~'xbbÁÛâx~→&]ËÄÄá^ãÁ{x^Á\âxÁ
 ~'áb↔~^á→Á@|x|↔~^Ááâ~|\Á\âxÁ{\↔ã&↔^Áâ↔ã\áÁá^ãÁâ~ã↔}Áãx|ããx'\↔~^Á~àÁ
 Öx|bËÁ O→xãá→]Á→á'↔^&ÁããxÁ'~^'xã^bÁà~ãÁá^Á↔xããá^Á\Ñ↔â→xËÁUá'áá↑x^\á→Á
 ↔^x&ã↔\]ËÁáÁ]~|^&ÁÓáã\áÁá^ãÁ\âxÁ↔↔&Á\~àÁàx\á→Á'á↔→ããx^Á\~Á~x{xËÁ Wx\ËÁ
 \âxÁ~**~ã\|\↔\]Áà~ãÁàx~→}bâ↔^Áá^ãÁÑ↔â→xÁb|]Á↔^Á\âxÁ§~ã\→á^ãÁããáÁ}\↔\áá
 \âxÁQ|\âxãá^Á*áb\~ãbÁ~^ÁÛxã^xãää]Á↑~ã^↔^&bÁ↔bÁ}x~'↑xÏÁx~x'↔á→]Á↔^Á
 ~x&á\Á~àÁ\âxÁää'\Á\áá\Á\âxãÁããxÁb~Á↑á^]Á\â↔^&bÁ}á↔'áÁããxÁb\↔→Áâx→ãÁ↔^Á
 ~ãã↑~^ËÁ

ÛâxÁà|\|ãxÁ~àÁQ|\âxãá^↔b↑Á↔^ÁRá↔^xãã~xãbÁá*xããÁ\~Á↔^'→|ãxÁãxá→Á
 &ã~}\á↔^Ábxãã'á↔^&Á\âxÁU'ã↔^|\}xãbËÁ↔^Á'áã↔^&Áà~ãÁ\âxÁx→ãã→]ËÁ↔^Á'~x~&Ë
 ↔^&Á\~ÁáÁ'~ãã↑~^Á~x\|ã&↔'á→Áá^ãÁ]↑^~ã↔^Áãã↔\á&xËÁá^ãÁ↔^Áã{x~*↔^&ÁáÁ

ÍFÁ

bæ^bæÁ~àÁãæ~>&~ | bÁ↔äæ^ \ | Á↔^ÁáÁb \ á \ æÁ } á↔^ áÁáábÁ → \ \ →æÉÁ ~ | \ b↔äæÁ~àÁ
p~↑á^ÁÓá \ á ~ → ~ } b↑ÉÁ Ûá↔↔æÁ' ~ ~ *æáá \ { æÁQ | \ áæá^Á { æ^ \ | ãæbÁ } ↔ → Á' æá \ á↔^ →] Á
' ~ ^ \ ↔ ^ | æÁ↔^Á↑á^] ÁáãæábÉÁ' ~ ↑ * → æ \ æÁá → \ ááá^á^á * | → * ↔ \ Á àæ → ~ } bá↔^*Á } ~ | → áÁá * *æááÁ
\ ~ ÁâæÁæ { æ^Á → æbbÁ * ~ bb↔â → æÁ↔^Á \ áæÁ à | \ | ãæÉÁ & ↔ { æ^Á \ áæÁ↑æã&æãÉÁ \ áá^Áâæà~ãæÉÁ
ÛæÁáá } Á' ~ ↑ à~ã \ Á àã~↑ÁÖ~äCbÁÛ~ãáÁ } á↔^ áÁæ' → ááæbÁ \ áá \ Á } áæ^Á } æÁ } æãæÁb \ ↔ → Á
* ~ } æã → æbbÉÁÓáã↔b \ Áä↔æáà~ãÁ \ áæÁ | ^ & ~ ä →] ÈÁGGÁ ÛáæÁá * *ááæ^ \ Á * äæbæ^ \ Á * ~ } æãÈ
→ æbb^æbbÁ~àÁ \ áæÁR↔bb~ | ã↔ÁU] ^ ~ áÁ \ ~ Ááàæ' \ Á \ áæÁã~ \ ã↔^ á → Á ä↔æ' \ ↔ ~ ^ Á~àÈ \ áæÁ
↑æã&æá } ↔ → Á' æá \ á↔^ →] Á^ ~ \ ÁâæÁ \ áæÁ → áb \ Á } ~ áá~ ^ Á \ áæÁ↑á \ \ æãÉÁ Ûáæ^Áá → Á↔bÁ
bá↔áÁá^áÁä~^æÉÁ \ } ~ Áàá' \ bÁ~àÁ↑~äæã^Èáá] ÁQ | \ áæá^↔b↑Á↔^ÁRá↔^æÁb \ á^áÁ ~ | \ ÈÁ
Ô↔ãb \ ÉÁ \ áá \ ÉÁ } ↔ \ á~ | \ Ááæb↔ \ á^ ^] Á \ áæÁÖ~b * æ → Á↔bÁâæ↔^ & Á | * áæ → áÁábÁ \ áæÁâæb \ Á
* ~ bb↔â → æÁ^æ } bÁà~ãÁ↑á^↔^ áÁá] Áá → Á \ áæÁQ | \ áæá^Á' → æã&] ÈÁ N^áÁbæ' ~^áÉÁ \ áá \ Á
\ áæÁQ | \ áæá^Á → á] ↑æ^ÁáæãæÁáãæÁ↔^ { áã↔áâ →] ÁáááÁ↑~ãæÁ' ~^bæá { á \ ↔ { æÁ↔^Ž \ áæ↔áÁ
\ áæ~→~&^ á → Á → æá^↔^ & bÁ \ áá^Á \ áæ↔áÁãæb * æ' \ ↔ { æÁ' → æã&] Áá^áÁ↑á] Á \ á | bÁáá { æÁáÁ
↑~äæáá \ ↔ ^ & Áæàæ' \ Á | * ~ ^ Á \ áæÁ → áæáá → Ááã↔à \ Á~àÁ \ áæÁ^æ } ÁQ | \ áæá^Á' á | á' áÉÁ

GGp~↑á^bÁIiJáÁÇSæ}ÁØ^ \ æã^á \ ↔ ~ ^ á → ÁÛæãb↔~^DÁ

ä↔b*~bäÊÄ äab*↔\æÁ^á\↔~^á→Á→æáäæäbä↔*Á{↔æ}bÁ\~Á\áæÁ^~^\äáä]ÊÄ ÚáæbæÁ
áäæÁ^~^æä^bÁ}á↔^áÁ}↔→Ááá{æÁá^Á↔↑*á^\Á|*~^Á\áæÁà||äæÁ~äÁQ|\áæáá^↔b↑Á
↔^ÁRá↔^æÁá^äÁáä~|^äÁ\áæÁ^~|^^\á]Áà~äÁ↑á^]Á]æáäbÁ\~Á^~↑æÊÄ

ÚáæäæÁ↔bÁáÁb*æ^↔á→Á@|á↔\]Á\áá\Á↔bÁ*áä\Áá^äÁ*áä^æ→Á~äÁ}~ä↔^&Á↔^ÁáÁ
\ä|æÁ↑↔bb↔~^áä]Áæ^{↔ä~^↑æ^\Áb|^áÁábÁRá↔^æÊÄ Úá↔bÁ*áä\Á~äÁ\áæÁ^~|^^\á]ÁáábÁ
âææ^ÁäæàæäæäÁ\~ÁábÁÁÚáæÁÓáb\æä^ÁÔä~^\Á→Áá^äÁ↔\bÁ^áá→æ^æbÁáäæÁæ{æäÁ
\áæäæÊÄ NÁb↔^↔↔↔^á^\Ááb*æ^\Á~äÁ\áæÁà↔^ä↔^&Áäæ→á\æäÁ\~Á\á↔bÁ\áæb↔bÁ↔bÁ
\áá\Á\áæÁááb↔^Á^æäbÁà~äÁ}~äbä↔*Áá^äÁ}↔^\æbbÁäæ↑á↔^ÊÄ Ö~äCbÁÛ~äáÁá^äÁ
Uá^áá↑æ^\ÁáäæÁb\↔→Á*æÁ~ääæäÁá^äÁ^ææäÁ~äÁ\áæÁáá]ÊÄ ÚáæÁ*ä~á→æ↑Á↔^ÁRá↔^æÁ
Q|\áæáá^↔b↑Á↔bÁ\áá\Áb~Á~à\æ^Á\áæÁæ\á^↔^Á↔↑↔\á\↔~^bÁ^~|^*→æäÁ}↔\á\áæÁ
ä↔↔|\↔~^Á~äÁÛ~äáÁá^äÁÔ~^àæbb↔~^bÁáá{æÁ↔^Áæàæ^\Á↔↑↔\æäÁ\áæÁÖ~b*æ→ÁábÁ
}æ→ÊÄ Oæä\á↔^→]Á\áæÁÔ~→]ÁU*↔ä↔\Á}~ä↔bÁ\áä~|^&á\áæÁÛ~äáÁá^äÁUá^áá↑æ^\Á
\áæäæÁÔæÁ}↔→bÁË]æ\Á}æÁáäæÁ\~ÁâæÁÔ↔bÁb*~↔æb↑æ^Á↔^Á}~äáÁábÁ}æ→ÁábÁ
á^\↔~^ÊÄ Úá↔bÁ\áæb↔bÁbä~}bÁ\áá\Áb|^áÁ}~ä↔^ÁáábÁ^~\Áâææ^Áä~^æÁ}↔\áæ↔\áæäÁ
^~^b\á^]Á~äÁ^~^b↔b\æ^]Á↔^ÁRá↔^æÊÄ Ø\Á↔bÁb↔^↔↔^á^\Á\áá\Áb~Á↑|^áÁ\↔↑æÁ
á^äÁæà~ä\Ááá{æÁ*ä~ä|^æäÁb|^áá↑æá&æäÁ^↑↑æ↔^á→Áäæb|→bÁ\~Ááá\æÊÄ Wæ\ÊÄ↔\Á
↔bÁá→b~Áb↔^↔↔^á^\Á^æ{æä\áæ→æbbÁ\áá\Á\áæÁà↔\áÁ~äÁ↑á^]ÁQ|\áæáá^bÁáábÁ
âææ^Áb|b\á↔^æäÁ↔^ÁRá↔^æÁâ]ÁÛ~äáÁá^äÁUá^áá↑æ^\Áà~äÁ&æ^æä\↔~^bÊÄ ÚáæÁ
^áá→æ^æbÁà~äÁ&ä~}\ááæá↑↔^Áá|\Á\áæÁá↔b\~ä]Á~äÁQ|\áæáá^↔b↑Á↔^ÁRá↔^æÁ^~^Ë
\↔^|æbÁ\~Á^áä]Ááä↔&á\Á*~bb↔ä↔↔\↔↔bÁà~äÁ\áæÁà||äæÁ~äÁáÁ^á|ä^áÁ~äÁ\áæÁ
àá↔\áÁ↔^Á\á↔bÁb\á\æÊÄ

→Şáb\~äÁæ^↔bÁŞæä]↑á^ÊÁR\ÈOá→{áá]ÁQ|\áæáá^ÁOá|á^áÊÁN→\~^ÊÁRábbáË
^á|bæ\|bÊÄá\ÁÓ{á^&æ↔b↑ÐOá|á^áÁÔä~}\áÁÔ~^{\~^á\↔~^ÊÁPæææ↑æäÁQ|\áæáá^Á
Oá|ä^áÊÄ GGÁ N*ä↔^Á FÍÍÊÄ

$N\bar{A}\} \sim \tilde{a}\tilde{a}\tilde{A}\tilde{a}\tilde{a} \sim | \backslash \bar{A} \backslash \hat{a}\tilde{x}\tilde{A}\tilde{x} [\backslash x^b \leftrightarrow \{ \tilde{x}\tilde{A} | b\tilde{x}\tilde{A} \sim \tilde{a}\tilde{A} \sim \tilde{a}\tilde{a} \rightarrow \tilde{A}\hat{a} \leftrightarrow b \backslash \sim \tilde{a} \leftrightarrow \tilde{x}b\tilde{A} \leftrightarrow \tilde{A} \backslash \hat{a} \leftrightarrow b\tilde{A} \backslash \hat{a}\tilde{x}b \leftrightarrow b\tilde{A}$
 $\leftrightarrow b\tilde{A} \leftrightarrow \tilde{A} \sim \tilde{a}\tilde{a}\tilde{x}\tilde{a}\tilde{E}\tilde{A} \ N \backslash \tilde{A} \hat{a} \leftrightarrow \tilde{a}b \backslash \tilde{A} \& \rightarrow \hat{a}^{\prime} \tilde{x}\tilde{A} \backslash \hat{a}\tilde{x}b\tilde{x}\tilde{A} \uparrow \leftrightarrow \hat{a} \backslash \tilde{A} \hat{a}\tilde{x}\tilde{A}\tilde{a}\tilde{x} \& \hat{a}\tilde{a}\tilde{x}\tilde{a}\tilde{A}\tilde{a}b\tilde{A} \backslash \hat{a}\tilde{x}\tilde{A} \sim \wedge \rightarrow] \tilde{A}b \sim \rightarrow | \tilde{E}$
 $\backslash \leftrightarrow \sim \tilde{A} \backslash \sim \tilde{A} \backslash \hat{a}\tilde{x}\tilde{A}\tilde{a}\tilde{x}\tilde{a}\tilde{a} \backslash \hat{a}\tilde{A} \sim \tilde{a}\tilde{A} \} \tilde{a} \leftrightarrow \backslash \backslash x^{\tilde{A}} \uparrow \hat{a} \backslash \tilde{x}\tilde{a} \leftrightarrow \hat{a} \rightarrow b\tilde{A} \sim \tilde{A}Q | \backslash \hat{a}\tilde{x}\tilde{a}\hat{a}^{\prime} \leftrightarrow b \uparrow \tilde{A} \leftrightarrow \tilde{A}R\hat{a} \leftrightarrow \tilde{x}\tilde{E}\tilde{A} \ W\tilde{x} \backslash \tilde{A}$
 $\backslash \hat{a}\tilde{x}] \tilde{A}^* \tilde{a} \sim \{ \leftrightarrow \tilde{a}\tilde{x}\tilde{A} \uparrow \sim \tilde{a}\tilde{x}\tilde{A} \backslash \hat{a}\hat{a}^{\tilde{A}} \downarrow | b \backslash \tilde{A}\tilde{a}\tilde{a} \} \tilde{A} \uparrow \hat{a} \backslash \tilde{x}\tilde{a} \leftrightarrow \hat{a} \rightarrow \tilde{E}\tilde{A} \ \tilde{S}\tilde{a}\hat{a} \rightarrow \tilde{A}\hat{a} \leftrightarrow b \backslash \sim \tilde{a} \leftrightarrow \tilde{x}b\tilde{A}^{\prime} \sim \wedge \{ \tilde{x}] \tilde{A} \backslash \hat{a}\tilde{x}\tilde{A}$
 $\uparrow \sim \sim \tilde{a}\tilde{A}\hat{a}^{\tilde{a}} \backslash \tilde{a}\tilde{A} \backslash \hat{a}\tilde{x}\tilde{A} \leftrightarrow \backslash x^b \leftrightarrow \backslash] \tilde{A} \sim \tilde{a}\tilde{A} \hat{a}\tilde{x}\tilde{x} \times \rightarrow \wedge \tilde{A} \sim \tilde{a}\tilde{A} \backslash \hat{a} \sim b\tilde{x}\tilde{A}\hat{a}\tilde{x} \leftrightarrow \wedge \tilde{A} \leftrightarrow \wedge \backslash \tilde{x}\tilde{a} \{ \leftrightarrow \tilde{x} \} \tilde{x}\tilde{a}\tilde{A}\hat{a}b\tilde{A}^{\sim} \tilde{A} \sim \backslash \hat{a}\tilde{x}\tilde{A}$
 $\uparrow \tilde{x}\tilde{a} \leftrightarrow | \uparrow \tilde{E}\tilde{A} \ \emptyset^{\tilde{A}} \backslash \hat{a}\tilde{x}\tilde{A}\tilde{a}\tilde{x}^{\hat{a}} \tilde{A} \sim \tilde{a}\tilde{A}^* \tilde{a}\tilde{x}^{\prime} \leftrightarrow b \leftrightarrow \sim \tilde{A}\hat{a} \sim \} \tilde{x} \{ \tilde{x}\tilde{a}\tilde{E}\tilde{A} \tilde{x}b^* \tilde{x}^{\prime} \leftrightarrow \hat{a} \rightarrow \rightarrow] \tilde{A} \} \leftrightarrow \backslash \hat{a}\tilde{A}\tilde{x}\tilde{x} \& \hat{a}\tilde{a}\tilde{a}\tilde{A} \backslash \sim \tilde{A}$
 $\tilde{a}\hat{a} \backslash \tilde{x}b\tilde{A}\hat{a}^{\tilde{a}} \tilde{A}^{\hat{a}} \uparrow \tilde{x}b\tilde{E}\tilde{A} \sim \tilde{a}\hat{a} \rightarrow \tilde{A}\hat{a} \leftrightarrow b \backslash \sim \tilde{a} \leftrightarrow \tilde{x}b\tilde{A}\hat{a}\tilde{a}\tilde{x}\tilde{A} \rightarrow \tilde{x}b\tilde{A}\hat{a}\tilde{x} \rightarrow * \hat{a} | \rightarrow \tilde{A}\hat{a}^{\tilde{a}} \tilde{A} \uparrow | b \backslash \tilde{A}\hat{a}\tilde{x}\tilde{A} \leftrightarrow \tilde{a}\tilde{x}^* \tilde{x}^{\tilde{E}}$
 $\tilde{a}\tilde{x}^{\prime} \rightarrow] \tilde{A} \{ \tilde{x}\tilde{a} \leftrightarrow \hat{a} \leftrightarrow \tilde{x}\tilde{a}\tilde{E}\tilde{A} \ \tilde{\zeta}\tilde{x} \sim * \rightarrow \tilde{x}\tilde{A}\hat{a} \rightarrow b \sim \tilde{A}\hat{a}\hat{a} \{ \tilde{x}\tilde{A}\hat{a}\tilde{A} \backslash x^{\tilde{a}} \hat{a}^{\tilde{a}} \}] \tilde{A} \backslash \sim \tilde{A} \backslash \tilde{x} \rightarrow \tilde{A} \sim \wedge \rightarrow] \tilde{A} \backslash \hat{a}\tilde{x} \leftrightarrow \tilde{a}\tilde{A}b \leftrightarrow \tilde{a}\tilde{x}\tilde{A} \sim \tilde{a}\tilde{A}$
 $\hat{a}\tilde{A} \& \leftrightarrow \{ x^{\tilde{A}}b \backslash \sim \tilde{a}] \tilde{E}\tilde{A} \ \mathbb{E}\tilde{x}b^* \leftrightarrow \backslash \tilde{x}\tilde{A} \backslash \hat{a}\tilde{x}b\tilde{x}\tilde{A}\hat{a}\hat{a} \leftrightarrow \times \rightarrow \wedge \& b\tilde{E}\tilde{A}\hat{a} \sim \} \tilde{x} \{ \tilde{x}\tilde{a}\tilde{A} \backslash \hat{a}\tilde{x}\tilde{A} \sim \tilde{a}\hat{a} \rightarrow \tilde{A}\hat{a} \leftrightarrow b \backslash \sim \tilde{a} \leftrightarrow \tilde{x}b\tilde{A} \} \tilde{x}\tilde{a}\tilde{x}\tilde{A}$
 $\leftrightarrow \wedge \{ \hat{a} \rightarrow | \hat{a}\hat{a} \rightarrow \tilde{x}\tilde{A} \backslash \sim \tilde{A} \backslash \hat{a} \leftrightarrow b\tilde{A}\tilde{a}\tilde{x}b\tilde{x}\tilde{a}\tilde{a}^{\prime} \hat{a}\tilde{A}\hat{a}^{\tilde{a}} \tilde{A}\tilde{x}b\tilde{x}\tilde{a}^{\tilde{a}} \backslash \leftrightarrow \hat{a} \rightarrow \tilde{A} \backslash \sim \tilde{A} \leftrightarrow \backslash b\tilde{A}^{\prime} \sim \uparrow * \rightarrow \tilde{x} \backslash \leftrightarrow \sim \tilde{E}\tilde{A}$

$R\acute{a} \leftrightarrow \acute{x}\acute{a} \leftrightarrow \wedge b \setminus \acute{x}\acute{a}\acute{a}\acute{a} \sim \acute{a}\acute{a} \acute{a} \leftrightarrow \{ \acute{x}\acute{E}\acute{A} \quad \acute{U}\acute{a}\acute{x}\acute{A}\acute{O}\acute{Q}\acute{O}\acute{N}\acute{A} \} \leftrightarrow \rightarrow \acute{A}\acute{a} \setminus \setminus \acute{a}\acute{a} \setminus \acute{A} \setminus \acute{a} \sim b\acute{x}\acute{A}\acute{a} \leftrightarrow b\acute{x} \wedge \acute{a}\acute{a} \setminus \acute{x}\acute{a}\acute{A} \} \leftrightarrow \setminus \acute{a}\acute{A}$
 $\acute{a} \mid \acute{a} \setminus \acute{a}\acute{x}b\acute{A} \} \acute{a} \leftrightarrow \acute{a}\acute{A}\acute{a}\acute{a} \{ \acute{x}\acute{A}b\acute{x}\acute{x} \leftrightarrow \wedge \& \rightarrow \} \acute{A} \rightarrow \sim b \setminus \acute{A} \setminus \acute{a}\acute{x}\acute{A}\acute{O} \sim b^* \acute{x} \rightarrow \acute{A} \sim \acute{a}\acute{A}\acute{O}\acute{a}\acute{a} \leftrightarrow b \setminus \acute{A} \leftrightarrow \acute{A} \setminus \acute{a}\acute{x} \leftrightarrow \acute{a}\acute{A}b\acute{x}\acute{a}\acute{a} \acute{a}\acute{A}$
 $\acute{a} \sim \acute{a}\acute{A}b \sim \acute{a} \rightarrow \acute{A} \setminus \sim \acute{b} \setminus \acute{x} \wedge \acute{x}\acute{E}\acute{A} \} \acute{a} \leftrightarrow \acute{x}\acute{A} \setminus \acute{a}\acute{x}\acute{A}\acute{Q}\acute{O}\acute{E}\acute{R}\acute{U}\acute{A}\acute{a} \acute{a}\acute{A} \setminus \acute{a}\acute{x}\acute{A}\acute{U} \leftrightarrow b \setminus \sim \acute{b} \leftrightarrow \acute{A}\acute{U} \setminus \sim \acute{a}\acute{A} \} \leftrightarrow \rightarrow \acute{A}$
 $\acute{a} \setminus \setminus \acute{a}\acute{a} \setminus \acute{A} \setminus \acute{a} \sim b\acute{x}\acute{A} \} \leftrightarrow \setminus \acute{a}\acute{A}b \leftrightarrow \uparrow \leftrightarrow \acute{a}\acute{a}\acute{A}\acute{a} \leftrightarrow b\acute{x} \wedge \acute{a}\acute{a} \setminus \uparrow \acute{x} \wedge \setminus b\acute{A} \} \acute{a} \sim \acute{A}\acute{a}\acute{a}\acute{a} \leftrightarrow \setminus \sim \acute{a} \rightarrow \setminus \acute{A}\acute{a}\acute{x}b \leftrightarrow \acute{a}\acute{x}\acute{A}\acute{a} \acute{A}$
 $\leftrightarrow \acute{x}\acute{a}\acute{a}\acute{a}\acute{a} \setminus \acute{A}\acute{N} \leftrightarrow \acute{a} \rightarrow \acute{x}\acute{A}\acute{a} \acute{a}\acute{A}b \setminus \acute{a} \sim \wedge \& \acute{x}\acute{a}\acute{A}\acute{O} \sim \acute{a} \acute{a} \acute{x}b \leftrightarrow \sim \acute{a} \rightarrow \acute{A}b \setminus \acute{a} \setminus \acute{x}\acute{A} \sim \acute{A} \leftrightarrow \uparrow * \sim \acute{a} \setminus \acute{a} \setminus \acute{A}b \sim \acute{a} \rightarrow \acute{A}$
 $\leftrightarrow bb \mid \acute{x}b\acute{E}\acute{A} \quad \emptyset \acute{A} \} \sim \mid \rightarrow \acute{a}\acute{A}\acute{x} \{ \acute{x} \wedge \setminus \mid \acute{a}\acute{x}\acute{A} \setminus \sim \acute{A}b\acute{a} \mid \acute{A} \setminus \acute{a}\acute{a} \setminus \acute{A} \setminus \acute{a}\acute{x}\acute{A}b \sim \acute{E} \acute{a} \rightarrow \acute{x}\acute{a}\acute{A}\acute{A}\acute{x} \rightarrow \acute{x} \setminus \acute{a} \sim \acute{a} \setminus \acute{A}$
 $\acute{a} \mid \acute{a} \setminus \acute{a}\acute{A}\acute{A} \} \leftrightarrow \rightarrow \acute{A}\acute{a}\acute{x} \& \leftrightarrow \acute{A} \setminus \sim \acute{A} \rightarrow \sim b\acute{x}\acute{A}b \sim \uparrow \acute{x}\acute{A} \sim \acute{a}\acute{A} \leftrightarrow \setminus b\acute{A}\acute{a} * \acute{x}\acute{a} \rightarrow \acute{A} \leftrightarrow \acute{A}\acute{a}\acute{a} \{ \sim \acute{a}\acute{A} \sim \acute{a}\acute{A} \rightarrow \sim \acute{a} \rightarrow \acute{A} \acute{a} \mid \acute{a} \setminus \acute{a}\acute{x}b\acute{A}$
 $\} \acute{a} \leftrightarrow \acute{a}\acute{A}\acute{a}\acute{a} \{ \acute{x}\acute{A} \setminus \acute{a}\acute{x}\acute{A}\acute{a}\acute{a} \{ \acute{a} \wedge \acute{x}\acute{A} \sim \acute{a}\acute{A}\acute{a} \leftrightarrow \wedge \acute{A} \sim \acute{A} \setminus \acute{a}\acute{x}\acute{A}b \acute{x} \wedge \acute{x}\acute{A} \} \acute{a}\acute{x} \wedge \acute{A} \acute{x}\acute{a}\acute{a}\acute{a}\acute{E}\acute{A} \quad \acute{U}\acute{a} \leftrightarrow \acute{x}\acute{A} \wedge \acute{x}\acute{A}$
 $\sim \acute{a}\acute{A} \setminus \acute{a}\acute{x}b\acute{x}\acute{A}\acute{a}\acute{a} \setminus \sim \acute{a}b\acute{A}\acute{x} \mid \acute{a}\acute{a}\acute{a} \wedge \setminus \acute{x}\acute{x}\acute{A} \setminus \acute{a}\acute{a} \setminus \acute{A}\acute{Q} \mid \setminus \acute{a}\acute{x}\acute{a}\acute{a} \wedge \leftrightarrow b \uparrow \acute{A} \leftrightarrow \acute{A}\acute{R}\acute{a} \leftrightarrow \acute{x}\acute{A} \} \leftrightarrow \rightarrow \acute{A} \acute{a} \rightarrow \sim \mid \acute{a} \leftrightarrow b\acute{a}\acute{A} \leftrightarrow \acute{A}$
 $\setminus \acute{a}\acute{x}\acute{A} \setminus \sim \uparrow \leftrightarrow \wedge \acute{A} \} \acute{x}\acute{a}\acute{a}b\acute{E}\acute{A} \setminus \acute{a}\acute{x} \mid \acute{A} \acute{x}\acute{a} \setminus \acute{a} \leftrightarrow \acute{a} \rightarrow \setminus \acute{A} \} \leftrightarrow \rightarrow \acute{A} \wedge \sim \setminus \acute{A} \acute{a} \mid b\acute{x}\acute{A} \setminus \acute{a}\acute{x}\acute{A} \sim * \sim b \leftrightarrow \setminus \acute{x}\acute{A}\acute{x}\acute{a}\acute{a}\acute{x} \setminus \acute{A}$
 $\acute{x} \leftrightarrow \setminus \acute{a}\acute{x}\acute{a}\acute{E}\acute{A} \quad \acute{U} \leftrightarrow \setminus \acute{a}\acute{A}b \sim \uparrow \acute{x}\acute{A}\acute{A} \uparrow \acute{a} \leftrightarrow \acute{E} \times \wedge \acute{x}\acute{A}\acute{A} \acute{a} \mid \acute{a} \setminus \acute{a}\acute{x}b\acute{A}b \mid \acute{a}\acute{a}\acute{x}\acute{a} \leftrightarrow \wedge \acute{A} \setminus \acute{a}\acute{x} \uparrow \acute{x} \acute{a} \sim \mid b\acute{A} \rightarrow \sim bb\acute{x}b\acute{A} \leftrightarrow \acute{A}$
 $\uparrow \acute{x} \uparrow \acute{a}\acute{x}\acute{a}b\acute{a} \leftrightarrow * \acute{A} \& \leftrightarrow \{ \acute{x} \wedge \setminus \acute{a}\acute{x}\acute{A} \rightarrow \acute{a} \setminus \acute{A} \sim \acute{a}\acute{A}b \sim \uparrow \acute{x}\acute{A} \sim \acute{a}\acute{A} \setminus \acute{a}\acute{x}\acute{A} \{ \acute{x}\acute{a} \mid \acute{A}\acute{a} \setminus \setminus \acute{a} \leftrightarrow \acute{a} \setminus \setminus \acute{x}b\acute{A} \} \acute{a} \leftrightarrow \acute{a}\acute{A}\acute{Q} \mid \setminus \acute{a}\acute{x}\acute{a}\acute{a} \wedge \acute{E}$
 $\leftrightarrow b \uparrow \acute{A} \leftrightarrow b\acute{A} \wedge \sim \setminus \acute{x}\acute{a}\acute{A} \acute{a} \sim \acute{a}\acute{E}\acute{A} \acute{a} \rightarrow \acute{A} \sim \acute{a}\acute{A} \setminus \acute{a}\acute{x}\acute{A}\acute{a}\acute{a} \sim \{ \acute{x}\acute{A}b\acute{x}\acute{x} \uparrow b\acute{A} \setminus \sim \acute{A}\acute{a} \sim \acute{a}\acute{x}\acute{A} \} \acute{x} \rightarrow \acute{A} \acute{a} \sim \acute{a}\acute{A} \setminus \acute{a}\acute{x}\acute{A}\acute{a} \mid \setminus \setminus \acute{a}\acute{x}\acute{A} \sim \acute{a}\acute{A}$
 $\acute{Q} \mid \setminus \acute{a}\acute{x}\acute{a}\acute{a} \wedge \leftrightarrow b \uparrow \acute{A} \leftrightarrow \acute{A}\acute{R}\acute{a} \leftrightarrow \acute{x}\acute{E}\acute{A}$

NŞŞÓSGEØVÁNÁ

UÚNÚÚUÁUØÓÓÚÁŠÔÁQØÚáØÓPNSÁOŠSSÖPÓÖNÚØŠSUÁNSÆÁRØUUØŠSUÁØSÁRNØSÓ→Á

Oááã\æãÁ Æá\æÁ	Ú~}^Á~ãÁ City	Sá↑æÁ~àÁ O~^&ãæ&á\↔~^Á	U ~ä↔'á→Á Nàà↔→á\↔~^Á	Sá↑æÁ~àÁ Şáb\~ãÁ
FİGFÁ	N â ã^Á ÇQæ}↔b\~^Á ^↔→ÁFİİĞDÁ	Öãá'æÁ	AELC	U\æ{æÁPæ^^æ]Á
1963	N &b\áÁ	Şã↔'^æÁ~àÁŞæá'æÁ	ALC	Nã 'æÁRæ]æãÁ
FİIJFÁ	Nã^&~ãÁ	Ɔæãæ↑æãÁ	LCA	Şá →ÁN^ãæãb~^Á
FİIJGÁ	Nã ^b}↔'←Á	Ö~~ãÁUáæ*áæããÁ	ALC	Şá →ÁU'áæãæãÁ
FİIJGÁ	Oá*æÁÓ↔→'áË âæ\áÁ	Ɔæãæ↑æãÁ	LC-MS	Ingo Dutzmann
FİIJNÁ	Oáã↔â~ Á	Ôá↔\áÁ	LCA	Ö↔bæ→æÁNã^↔^&áá bÁ
FİİGGÁ	Æá↑áã↔b'~\ áÁUá\æãÁ~àÁQ→àæÁ		NQOÁ Ç↑↔bb↔~^DÁ	Æá^ÁÖ↔→âæã\Á
FİİHÁ	Ó→b}~ã\áÁ	U\ÈÁN^ãæ}Á	ALC	Õá'←ÁRá[↔↑Á
1893	Ôá→↑~ \áÁ	Ó↑^á bÁ	ALC	ÓáÁNã→\~æãbæ^Á
FİIJGGÁ	Ôá^^↔^&\~^Á	Ôá↔\áÁ	LCA Ç↑↔bb↔~^DÁ	Òáãã]ÁU]'^←~ààÁ ÇQá]↑á^DÁ
FİIFHÁ	Ôáãã↔b~^Á	ÈÁ	U ~↑↔Á↑æã&æãÁ}↔\áÁUá↔^↔\]ÈÁ U~ \áÁŞáã↔bÈÁ↔^ÁFİCÍÁá^ãÁ '→~bæãÁ↔^ÁFİÍÍÈÁ	
FİİGFÁ	ÈÁæãã~^Á	Ô↔^^↔báÁÓ{á^Á Q \áæãá^ÁOá ã'áÁ	Ø^ãæ*æ^ãæ^\ÈÁb*↔↔\áãã~↑ÁUá↔^↔\]Á U~ \áÁŞáã↔bÈÁ↔^ÁFİGFÁá^ãÁ'→~bæãÁ FİIJÍÇLDEÁ	
FİİİGÁ	Pæ^^æâ ^←Á	Ô~→]ÁOã~bbÁ	NQOÁ	Õ~á^ÁO~ã&á^Á
FİÍFÁ	Sæ}ÁU}æãæ^Á	Ö b\áàÁNã~→*áÁ	QONÁ	Ú~ääÁRæã←æ^Á

→Ɔæ{↔bæãÁÆæ'æ↑âæãÁĞFÈÁ FİIJNÈÁ

G]æáãÁ}~ã←Áâæ&|^ÈÁ

ÍÍÁ

Oááã\æäÁ	Ú~}^Á~ãÁ	Sá↑æÁ~àÁ	U ^~ä↔'á→Á	Sá↑æÁ~àÁ
Ěá\æÁ	O↔\↔Á	O~^&ãæ&á\↔~^Á	Nàà↔↔á\↔~^Á	Šáb\~ãÁ
FĪĪLÁ	Ş~ã\→á^äÁ	Ó↑á^ æ→Á	N & b\á^áÁ	Ræã&æäÁ}\↔\áÁU\ĚÁ N^b&áãÁFĪĪĜLÁ
FĪĪHÁ	Ş~ã\→á^äÁ	Ô↔ãb\Á	ALC	Öãæ&ÁŠá&áÁ
FĪĪHÁ	Ş~ã\→á^äÁ	U\ĚÁ N^b&áãÁ	LCS	Ě↔'←ÁSæ Á
FĪĪĜÁ	Ě~'↔→á^äÁ	Sá\↔{\↔\}Á	QONÁ	Ě~âæã\ÁÖ b\áàb~^Á
FĪFĪÁ	U~ \↔ÁŠáã↔bÁ	Úã↔^↔\}Á	LCA	Ç{á'á^DÁ
FĪĪWÁ	U\~'←ã~→↑Á	Úã↔^↔\}Á	LCA	Ö↔bæ→æÁ Ñæ↑↔^&áá bÁ
FĪĪGÁ	Úá~↑áb\~^Á	Ò~→]ÁÚã↔^↔\}Á Q \↔æãá^ÁOá ã'áÁ	U ^~↔ĚÁ↑æã&æäÁ}\↔\áÁSá\↔{\↔\}Á ↔^ÁFĪĪĜÁá^áÁ\↔æÁQONÁ	
FĪHFÁ	Úá~ä~â~ã~Á	Ěæà~ã↑æäÁQ \↔æãá^Á Oá ã'áĜÁ	Ø^äæ*æ^äæ^\Á	O~bæäÁ↔^Á FĪĪĚLÁ
FĪĪHÁ	Úá\æã{\↔→æÁ	Q \↔æãá^ÁOá ã'áÁ ~ãÁ\↔æÁĚæb ããæ'\↔~^Á	LC-MS	Ç{á'á^DĚ
FĪĪGÁ	Úæb\ãã~←Á	Úã↔^↔\}Á	ALC	N→ÁÑãã^æbÁ

FĪĪĜĚÁ ĜS~\Á~^~}^Á*ãæ'↔bæ→]Á}áá\Á^á↑æÁ\↔æÁ'~^&ãæ&á\↔~^Á|bæäÁ*ã↔~ãÁ\~Á

NŞŞÓSEØVÁÑÁ

OŠRŞNÞØUŠŠÁŠÔÁŠŞŞÛQÑÚØŠŞÁŠÔÁRNØSÓÁOŠRRÛSØÚØÓUÀÙØÚÓÁÚÓÓÁ
 NOÚØÚÓÁQÚÚÓÓÞNSÁOŠSÖÞÓÖNÚØŠŠUÁNSĖARØUUØŠSUÁ
 ÛØÚØØSÁÚÓÓØÞÁÑSÛSĖNÞØÓUÁÁ

Sá↑æÁ~àÁ CcmnunitI	Ş~* →á\↔~ÁÁ~àÁ O~ ↑ ^↔\ÏÁÁ	Name of Co!!Sregation	Ñá*\↔~æäÁ MembershiE
Auburn	21,199	Grace	275
Augusta	.21,819	Prince of Peace	462
Bangor	63,541	Redeemer	GÏÍÁ
Brunswick	17,366	Good Shepherd	ÏFNÍÁ
Oá*æÁÓ→~áâæ\áÁ	7,838	Redeemer	383
Oáã↔â~ Á	9,916	Ôá↔\áÁ	FHEÁ
Ėá↑áã↔b~\\áÁ	FÊHFFÁ	Ûá\æãÁ~àÁQ↔àæÁ	INÁ
Ó→}~ã\áÁ	IÊFÍÍÁ	U\ËÁN^ääæ}Á	88
Ôá→↑~ \áÁ	6,853	Ó↑^á bÁ	GÍÍÁ
Ôáã↑↔^&\~^Á	WÊÍĜĖÁ	Ôá↔\áÁ	27
Pæ^^æâ ^←Á	WÊNGFÁ	Ò~→]ÁOã~bbÁ	FÏFÁ
Sæ}ÁU}æäæ^Á	IGÍÁ Çæb\ÈDĜÁ	Ö b\áàÁNã~→*áÁ	GWĖÁ
S~ã\áÁÛ↔^ääá↑Á	IÊHĪGÁ	Ôá↔\áÁ	FFEÁ

→Þæ{↔bæäÁĖæ'æ↑âæãÁĜFĖÁ FÏÏWĖÁ

G|^↔\æäÁU\á\æbÁÖ~{æã^↑æ^\ÁŞã↔^↔^&ÁŞãà↔'æĖÁ FÏÏĖÁRá↔^æÁOæ^b|bĖÁ
 Ûábã↔^&\~^ĖÁĖÈOÈĖÁ FÏÏFĖÁ

Ĝã~}^bÁáá{↔^&Á→æbbÁ\áá^ÁFĖĖĖÁãæb↔äæ^\bÁáääÁ^~\Á→}b\æäÁ
 ↔^ä↔{↔ä|á→}Á↔^Á\ááFÏÏĖÁRá↔^æÁOæ^b|bĖÁ

ÎFÁ

Sá↑æÁ~àÁ O~↑^ ^↔\]Á	Ş~* →á\↔~^Á~àÁ O~↑^ ^↔\]Á	Sá↑æÁ~àÁ O~^&ãæ&á\↔~^Á	Ńá*\↔~æáÁ Ræ↑âæãbâ↔~^Á
Ş~ã\→á^ääÁ) Ş~ã\→á^ääÁ)	FĜÎÊIÎIÁ	Ńæá \↔à →ÁUá{\↔~ääÁ O~↑^ ^↔\]Á~àÁ\áæÁ Q↔{\↔^&ÁŞãæbæ^'æ ^{HÁ}	IJIÁ 10
Ş~ã\→á^ääÁ) Ş~ã\→á^ääÁ)		Ô↔ãb\Á U\ÊÁN^b&áääÁ	ĜIĚÁ GÍIÁ
Þ~'↔→á^ääÁ	ÍÊÎFÎÁ	Sá\↔{\↔\]Á	FGĜÁ
U~ \áÁŞáã↔bÁ	GÊFGÎÁ	Úã↔^↔\]Á	FHGÁ
U~\~'↔→á^ääÁ	ĜFÎÁ Çæb\ÈDĜÁ	Úã↔^↔\]Á	FGIÁ
Ûá\æã{\↔↔↔æÁ	FÍÊÍÍIÁ	Q \áæãá^ÁOá ã'áÁ ~àÁ\áæÁÞæb ããæ'\↔~^Á	FĚĚÁ
Ûæb\âã~↔Á	FHÊÎÍIÁ	Úã↔^↔\]Á	<u>GÍIÁ</u> HĚĜĚĚHÁ

ĜŮ~}^bÁää{\↔^&Á→æbbÁ\áá^ÁFĚĚĚĚÁãæb↔ææ^\bÁáãæÁ^~\Á→b\æãÁ↔^ã↔Ě
{↔ã|á→]Á↔^Á\áæÁFÍÎĚÁRá↔^æÁOæ^b|bĚÁ

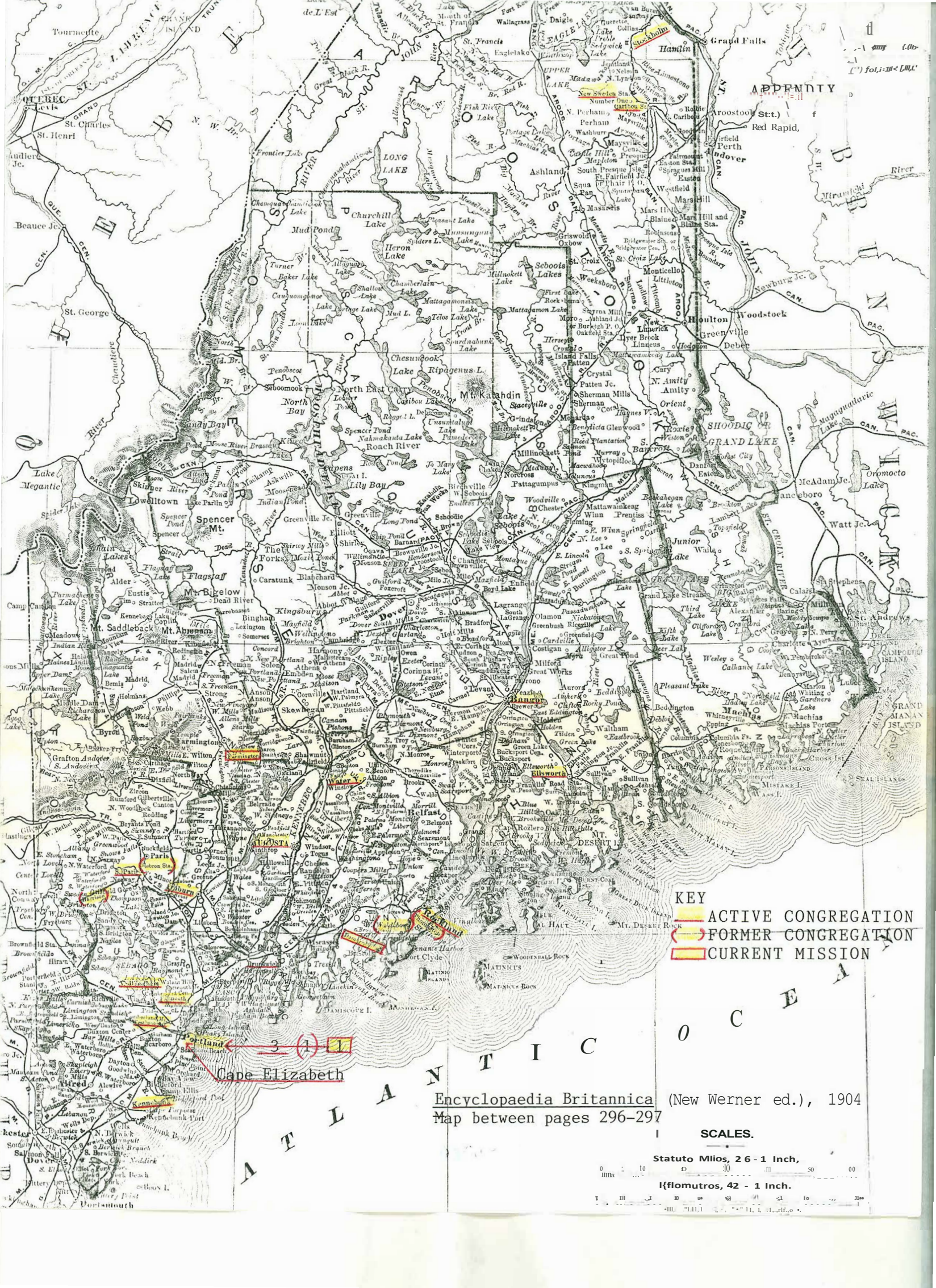
^HS~\Á]æ\ÁáÁ}~ãbâ↔^↔^&Á'~↑^|^↔\]ĚÁ

UR]Á&|æbbÁ↔bÁ\áá\Á\á↔bÁà↔&|ãæÁ↔bÁIĚĚÁá↔&áæãÁ\áá^Áá'\|á→Áã|æÁ
\~ÁáÁàæ}Á'~^&ãæ&á\↔~^bÁá'\|á→]Áá\|æ^ã↔^&Á\~Á\áæ↔ãÁãæ'~ãã↔ææ*↔^&ĚÁÓ{æ^Á
á\Á\á↔bÁ→æ{æ→ÁĜHĚĚĚDÁ\áæÁà↔&|ãæÁãæ*ãæbæ^\bÁ→æbbÁ\áá^ÁFĚĜÁ~àÁFĚÁ~àÁ\áæÁ
~|→á\↔~^Á~àÁRá↔^æĚÁ

NŞŞÓSŒŒVÁOÁ

ØÚØSÓPNŒWÁŠÓÁRNÖŠŒÁØSĚRNØSÓÁØSÚÓŒÛØÓÙUÁ
 NSŒÁŒØUUNSOÓUÁŒŒŠRÁONŞÓÁÓQØXNŒÓÚÓÁ
 ÇŒæ{↔bæääŒŒää | áá]ÁFĚÁ FĪĪDÁ

Sá↑æÁ~àÁ O~↑↑Ě↑↔Á]Á	Sá↑æÁ~àÁ O~^&ãæ&á\↔~^Á	Œá\æÁ~àÁ Ø^ \æã{↔æ}Á	R↔→æbÁ àã~↑Á Oá*æÁŒŒ↔~^ áâæ\áÁ
N â ã^Á	Öää'æÁ	S~{æ↑âæääFĜĚÁ FĪĪJÁ	HHÁ
N & b\áÁ	Şã↔^'æÁ~àÁŞæá'æÁ	Œá^ áá]ÁGĪĚÁ FĪĪIÁ	IJGÁ
Œá^&~ãÁ	Œæääæ↑æää	Œ →]ÁGĪĚÁ FĪĪJÁ	FĜFÁ
Œã ^b}↔^↔Á	Œ~ãÁUâæ*âæää	N & b\ÁGĪĚÁ FĪĪJÁ	ĜĚÁ
Oá*æÁŒŒ↔~^ áâæ\áÁ	Œæääæ↑æää	Œ →]ÁFĚĚÁ FĪĪJÁ	-
Oáã↔â~ Á	Œá↔\áÁ	Œ →]ÁGĪĚÁ FĪĪJÁ	ĜĚGÁ
Œá↑áã↔b'~\ áÁ	Œá\æää~àÁQ↔àæÁ	Œ →]ÁGĪĚÁ FĪĪJÁ	IJJÁ
Œ→b}~ã\áÁ	U\ĚÁN^ääæ}Á	Œ →]ÁGĪĚÁ FĪĪJÁ	FĪIÁ
Œá→↑~\ áÁ	Œää↑á bÁ	Œ →]ÁĜFĚÁ FĪĪJÁ	FĚÁ
Œá^^↔^&Á~^Á	Œá↔\áÁ	Ç^~\Áb'âæä →æää <small>\~Áää\æDÁ</small>	ĪJÁ
Œæ^^æâ ^↔Á	Œ~→]ÁŒŒ~bbÁ	Œ →]ÁFĪĚÁ FĪĪJÁ	ĜFÁ
Œæ}ÁU}æææ^Á	Œ b\áàÁNã~→*áÁ	Œ →]ÁGĪĚÁ FĪĪJÁ	ĜFĪÁ
S~ã\áÁŒŒ↔^ääá↑Á	Œá↔\áÁ	N & b\ÁGFĚÁ FĪĪJÁ	GHÁ
Ş~ã\→á^ää	Œæá \↔à →ÁUá{↔~ãÁ	N & b\ÁFĪĚÁ FĪĪJÁ	ĪÁ
Ş~ã\→á^ää	Œ↔ãb\Á	Œ →]ÁGHĚÁ FĪĪJÁ	ĪÁ
Ş~ã\→á^ää	U\ĚÁN^b&áää	N & b\ÁFFĚÁ FĪĪJÁ	ĪÁ
Œ~'↔→á^ää	Sá\↔{↔\}Á	Uæ*\æ↑âæääĪĚÁ FĪĪJÁ	ĪĪÁ
U~ \áÁŞáã↔bÁ	Œã↔^↔\}Á	Uæ*\æ↑âæääĪĚÁ FĪĪJÁ	IJJÁ
U\~'↔→á~↑Á	Œã↔^↔\}Á	Œ →]ÁGĪĚÁ FĪĪJÁ	ĜGIÁ
Œá→ã~ã~ã~Á	ŒáæÁŠ→ääŒæ↑á^Á <small>Oá ã'áÁ</small>	Œ →]ÁGĪĚÁ FĪĪJÁ	ĪÁ
Œá\æã{↔→æÁ	Q \áæää^ÁOá ã'áÁ <small>~àÁ\áæÁŒæb ääæ'\↔~^Á</small>	Œ →]ÁFĪĚÁ FĪĪJÁ	ĪĪÁ
Œæb\áã~↔^↔Á	Œã↔^↔\}Á	Œ →]ÁĜFĚÁ FĪĪJÁ	FFÁ



APPENDIX

KEY
 [Yellow Box] ACTIVE CONGREGATION
 [Red Box with Arrow] FORMER CONGREGATION
 [Red Box with Arrow] CURRENT MISSION

Encyclopaedia Britannica (New Werner ed.), 1904
 Map between pages 296-297

SCALES.

Statuto Mios, 26 - 1 Inch,

fllomutros, 42 - 1 Inch.

Capel Elizabeth

3 (1) 11

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as "the old arsenal property," was sold to the congregation. This arsenal was at one time the military depot for the Army Reserve Unit located in the City. Pastor Berquist served till 1968 and is well remembered and highly regarded to this day.

The ministry of the Reverend Reuben Lundeen 1972-1982 was a controversial one. He took early retirement after being asked formally by the congregation to leave. The issues surrounding his departure are yet somewhat murky but seem to have to do with his personal appearance and lack of desire to serve the outreach needs of the congregation. Ironically, Pastor Lundeen resides just three blocks from the congregation. The present pastor is the Reverend Paul Anderson, who arrived in 1983, and enjoyed considerable support and affirmation until the Spring of 1986. In his words, "The congregation has always been critical of the ministers. We are feeling no support; we are feeling nobody cares; and maybe nobody does:"¹³ Yet, there is evidence of congregational vitality. A new roof is being put in place above the education wing; the flower bed is the most beautiful of any at a Lutheran Church in Maine; and the current fund drive is predicted to meet or exceed its goal. At the same time the congregation is not experiencing a net loss in membership, and in fact, Pastor Anderson is very hopeful that when the new military base in the Bangor area opens, Lutherans will be coming to Redeemer in increasing numbers. It is interesting to note that Pastor Anderson may be the only Lutheran pastor in Maine who has served two congregations within the state; he

¹³Oral History Redeemer Lutheran Church, July 27, 1986, p. 5.

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ää{æ~*æäÊÁ Q|\áæãá^ÁÛ~ãbã↔*Ááä~*\æäÁábÁ\áæÁ^æ}Áá]↑^á→ÊÁ àæ→~}bã↔*Ááá→Á
æ[*á^ääÊÁ↑↔bb↔~^Áb\á|bÁæ^ääÊÁ á^ää\áæÁ&ã~|^á}~ã←Á→á↔ääá~ãÁ\áæÁ↔^Ë
b\á→á\↔~^Á~àÁÁÁİ€Ë]æääÁ~→ää*↔*æÁ~ã&á^Á↔^Á\áæÁ^á{æÊÁ

ØÁáá{æÁbæã{æäÁábÁŞáÁ\~ãÁb↔^'æÁN|&|b\Á~àÁFİİİĞÁá^ääáá{æÁ'~^'æ^ãäË
\æäÁ~^Á&ã~}\áÊÁ Ø^Á\áæÁ\áãæÁ]æääbÁb↔^'æË'á|ã'áÁÁ\æ^ää^'æÁábÁ&~^æÁ
ääá^Áİ€Á\~ÁFGİÁ*æäÁ}ææ←ÊÁ&↔{↔^&Áää~↑ÁĞİÊ€€€Á\~ÁÁİĞÊ€€€Áá^ää'~^à↔ã↑æää
↑æ↑âæãbã↔*Áää~↑ÁFİĞÁ\~ÁGG€ÊÁ ÛæÁbæã{æÁáÁOá↑â~ä↔á^Á'~^'\↔&æ^Á~àÁGİJÁ
æ~→æÊÁáá{↔^&Ááá*\↔~æääÁ→Áâ|\Á~^æÊÁ'~^'ä|^'Áb↔&^æääbæã{↔'æbÁà~ãÁ\áæÁ
áæää↔^&Á↔↑^á↔ääæÊÁ *áã\↔^↔*á\æÁ↔^ÁŞæãb~^á↔~æääR↔bb↔~^áã]ÁU|**~ã\ÊÁÁ
á^ää↑á^á&æÁ\~Ááá{æÁ^æ}b*á*æää'~{æää&æÁá↑~b\Á}ææ↔]ÊÁ ÚáæÁÁN↔{æÁ↔^Á
Oää↔b\ÁÁ'á↑*á↔&^ÊÁ}á↔'áá}ábÁ↓|b\Á'~^'→|æääÁæääÊÁæ[æääæää↔\bÁÁİZZİ€€Á
&~á→Áâ]Á~{æääÁFİÊ€€€ÊÁ à~ãÁáÁ\~\á→Á~àÁGGÊİ€€ÊÁ

Oää↔â~|ÁË Ôá↔\áÁQ|\áæãá^ÁOá|ã'áÁ ÇQONDÁ

Ôá↔\áÁ'æ→æääá\æbÁ↔\bÁĞ€\áÁN^↔{æãbáã]Á\á↔bÁ]æääÁ ÇFİİİJNDÁáá{↔^&Á
âææ^Áà~^æääÁábÁáá↔ãæ'\Áãæb|→Á~àÁ\áæÁŞæ}ÁÓ^&→á^ääÁU]^~ãÁæà~ã\á\~Á
æ[*á^ää↔\bÁ↔^à→|æ^'æÁ↔^Á\áæÁ^~ã\áæã^ÁRá↔^æÁáãæá^æää]áææÁ\áæ↔ãÁŞæ}Á
U}æææ^ËU\~'←á~→↑Á'~^&ãæ&á\↔~^bÁááääÁææ^Á\áã↔{↔^&ÊÁ R↔bb↔~^Áb\á|bÁ
'~^'\↔^|æääà~ãÁ\áæÁ'~^&ãæ&á\↔~^Á|^↔→ÁFİİİ€ÊÁ\Á}á↔'áá\↔↑æÁ↔^Áâæ'á↑æÁ
*áã\Á~àÁ\áæÁŞ~ã\áæã^ÁRá↔^æÁQ|\áæãá^ÁŞáá↔bÁá~^&Á}↔\áÁÛ↔↔\]ËU\~'←á~→↑Á
á^ääÖ|b\áàÁNä~→*á↔^ÁŞæ}ÁU}æææ^ÊÁ Oää↔â~|Á↔bÁáÁ~^æÁbã~*Á\~}^ÊÁ b~Á\~Á
b*æá←ÊÁ↔^Á\áá\Á↔\bÁ*ã↔↑áã]Áb~|á'æÁ~àÁãæ{æ^|æÁá^ää'~↑^æ'æÁ↔bÁ\áæÁ
Q~ã↔^&ÁN↔ääÔ~ã'æÁÑábæÁ↔^ÁQ↔↑æb\~^æÊÁ↓|b\ÁáÁàæ}Á↑↔æbÁä~}^Á\áæÁã~ääÊÁ
Ø^Áää'\ÊÁ\áæÁ↔^à→|æ^'æÁ~àÁ\áæÁábæÁ↔bÁb~Áb\ã~^&Á\áá\ÁÑæ\|]ÁF↔^æääã\ÊÁ

İGÁ

}↔ä~}Á~àÁOáã↔â~|CbÁ à~^^æãÁ *áb~\~ãÉÁ Şá|→ÁÖ↔↔'á↑á^^ÉÁ b\á\æãÁ\áá\Á
 CÙæÁáá{æÁ^~\Áãæá→}ÁáääæãÁá^]Á'~ãæÁ*æ~*→æÁ\~Á\áæÁ'á|ã'áÁ↔^ÁĞÉÁ]æáãbÉÁ
 ÚáæÁ*æ~*→æÁ\áá\ÁáãæÁ~^Á\áá\Á'ááã\æãÁáãæÁb\↔↔→ÁáæãæÁá^ááæ{æã]~^æÁæ→bæÁ
 à→|'\|á\æbÁáã~|^áÁ\áæÁá↔ãÁ à~ã'æÁáábæÁÁ→İÁ Wæ\ÉÁ á\Á\áæÁ bá↑æÁ\↔↑æÉÁ
 Ñ|ã'á↑ÁR~ããæ→ÉÁ'|ããæ^ÁŞãæb↔ãæ^Á~àÁÔá↔\áÉÁ bá↔ãÁ↔^Áãæb*~^bæÁ\~Á
 }áæ\áæãÁ\áæÁ'~^&ãæ&á\↔~^Á}ábÁáÁ↔\|→æÁá**ãæáæ^b↔{æÁáá~|\Á\áæÁ à|\|ãæÉÁ
 CÙæÁáá{æÁá↔&áÁá~*æbÉÁ Üæã]Áá↔&áÁá~*æbÁÁ ØáÁ}æÁ'~|→áÁáá{æÁáááÁ\áæÁ
 b\ãæ^&\áÁ\áá\Á\á↔bÁ'~^&ãæ&á\↔~^ÁáábÁáæ{æ→*æáÁ↔^Á\áæÁ*áb\Áæ↔&á\Á~ãÁ
 ^↔^æÁ↑~^|\ábÁ Ç{á'á'^]É↑~^|\ábDİÁ↔áÁ}æÁ'~|→áÁáá{æÁáááÁ\áæÁ bá↑æÁb\ãæ^&\áÁ
 æ↔&á\Á~ãÁ\æ^Á]æáãbÁá&~ÉÁ↔\Á}~|→áÁáá{æÁáææ^Á*áæ^á^æ^á→ÈÁĞÉÁ

Ğá↑áã↔b'~\|áÁÈ Üá\æãÁ~àÁQ↔àæÁ ÇNQODÁ ÇR↔bb↔~^DÁ

Üá\æãÁ~àÁQ↔àæÁæ[↔b\bÁábÁáÁá↔ãæ'\Áãæb|→\Á~àÁ\áæÁ~|\ãæá'áááb^↔ãáÈ
 \↔~^Á~àÁŞã↔^æÁ~àÁŞæá'æÁQ|\áæãá^ÁOá|ã'áÁ↔^ÁN|&|b\áÉÁ}á↔'áÁáæ&á^Á↔^Á
 FİİĞÉÁ ÚáæÁĞá↑áã↔b'~\|áÁáãæÁáábÁ^~\Ááææ^Á↔~^}^Á~àÁQ|\áæãá↔b↑Áá\Á
 ↔bÁáæ'~↑↔^&Á~^æÁ~àÁ\áæÁ↑~ãæÁ}æ→Á↔~^}^Áãæ\↔ãæ↑æ^ÁáãæábÁ~^Á\áæÁ'~áb\Á
 ~àÁRá↔^æÁá^áábÁb|'áá↔bÁá\|ãá'\↔^&Áááá↔ãÁ^→→→æãÁ~àÁQ|\áæãá^bÁ↔~\~Á\áæÁ
 áãæáÉÁ Ø\Á↔bÁ↔^æãæb\↔^&Á\~Á^~\æÁ\áá\Á\áæÁ↑↔bb↔~^ÁáábÁ~^→]Á~^æÁ→àæÈ
 →~^&ÁNQOÁ áá↑↔]ÉÁ Óà~ã\bÁáãæÁ|^áæã]á]ÁábÁ~àÁ\á↔bÁ}ã↔\↔^&Á\~Á*|ã'áábæÁ
 *ã~*æã]Á~^ÁÑ|b↔^æbbÁP~|\æÁFÁá\ÁáÁ~'á\↔~^Á^æááÁ\áæÁ^æ}Á'~↑^æã'↔→Áá|áÁ
 ~àÁ\áæÁ\~^}^Áá^áÁ}↔\áááÁ'~ãã↑á^ã↔^&Á\↔æ}Á~àÁ\áæÁĞá↑áã↔b'~\|áÁP↔{æãÉÁ
 Şáb\~ãÁĞá^ÁÖ↔àæã\ÉÁ}á~ÁáábÁáææ^Ábæã{↔^&Á\áæÁ↑↔bb↔~^Áb↔^æÁFİİĞÉÁ↔bÁ
 {æã]Á↔^æãæb\æãÁ↔^Á'→}^Á↑↔^b\ã]Áá^áÁ↔^Á↑↔^b\ã]Á\~Á\áæÁá&↔^&ÉÁ
 ØæÁá^'\↔^*á\æbÁ\áæÁ à~ã↑|→á\↔~^Á~àÁáÁ'~^b\↔\|↔~^Á}á↔'áÁ}↔→Áá\|æ↑^Á

Fİ~ãá~ÁÖ↔b\~ã]ÉÁÔá↔\áÁQ|\áæãá^ÁOá|ã'áÉÁÖ|→]ÁĞİÉÁ FİİŊÉÁ *ÁÈÈÉÁ
 ĞÉFá↔ãÉÁĞÁ*È ÈÁ

\~Á↔^~ã*~ãá\æÁ\áæÁ|^äæãb\á^ä↔^&Á\áá\ÁÄ↔àÁOáã↔b\Á↔bÁ\áæÁOæáãÁ~àÁ\áæÁ
 'á|ã'áÁá^äÁOæÁ↔bÁ↔↔äææãÁ↔æáä↔^&Á\áæÁ'á|ã'áÁá^äÁ}æÁáãæÁà~→~}↔^&Á↔^Á
 Ò↔bÁ}á|Á\áá\ÁOæÁ}↔→→Á↔æáãÁ|bÁ↔^Á|^↔\]ÈÄGFÁ Ú↔↔bÁ↑æá^bÁ\áá\Á^~Á↑á↓~ãÁ
 äæ'↔b↔~^Á}↔→→ÁâæÁ↑áäæÁ↔^Á\áæÁ'~^&ãæ&á\↔~^Á}↔\á~|\Á|^á^↔↑↔\]ÈÄ ØÁ}ábÁ
 æ'^~|ãá&æãÁâ|Á\áæÁãæb*~^bæÁO↔↔âæã\Á&á{æÁ\~Á↑|Á@|æb\↔~^Áá~}Á'^~àæbÈ
 b↔~^á→ÁQ|\áæãá^↔b↑Á'á^Áâæb\ÁâæÁ*ã~↑~\æãÁ↔^ÁRá↔^æIÁ ÄŞã~^→á↑á\↔~^ÈÁ
 Û~ãäÁá^äÁUá'ãá↑æ'\ÈÁ Ø\Á↔bÁ^~\á↔^&Á^æ}ÈÄGGÁ

Ó→b}~ã\áÁÈ Uá↔^ÁN^äãæ}ÁQ|\áæãá^ÁOá|ã'áÁ ÇNQODÁ

Ú↔↔bÁ'^~&ãæ&á\↔~^Á}ábÁ*áã\Á~àÁ\áæÁUŞÁ↑~ãæÁ↔^ÁÎHÁ~|\ãæá'áÁ~àÁ\áæÁ
 N↑æã↔^á^ÁQ|\áæãá^ÁOá|ã'áÈÄ Şáb\~ãÁOá^↔ÁRá[↔↑Á}ábÁ'á→æãÁ\~Áâæ&↔^Á\áæÁ
 ↑↔^↔b\ã|Á↔^ÁFÎÎHÁâábæãÁ~^Á↔↔bÁ*æãb~^á→Á^~}→æã&æÁ~àÁá^äÁ~{æÁà~ãÁ\áæÁ
 äãæáÈÁ Uá↔^ÁN^äãæ}Á}ábÁ'á~bæ^ÁábÁ\áæÁ'á↑æÁ~àÁ\áæÁ↑↔^↔b\ã|Áâæ'á|bæÁ
 ~àÁN^äãæ}CbÁb\á|bÁábÁáÁ↑↔bb↔~^áã]Áá^äÁáÁà↔bæã↑á^ÈÁ ÚáæÁ'^~&ãæ&á\↔~^Á
 }~ãbâ↔^bÁ↔^Á\áæÁ*áã↔báÁá→→Á~àÁUá↔^ÁO~bæ*áCbÁOá\á~↔'ÁOá|ã'áÁá^äÁ\á↔bÁ
 '~*æãá\↔~^Áâæ}\ææ^Á\áæÁQ|\áæãá^Á↑↔bb↔~^Áá^äÁæb\áâ↔bæãÁP~↑á^ÁOá\á~↔'Á
 Oá|ã'áÁ↔bÁ\áæÁ'→~bæb\ÁØÁá{æÁæ[*æã↔æ'^æãÁ↔^Áá^]ÁQ|\áæãá^Á'^~&ãæ&á\↔~^Á
 ↔^ÁRá↔^æÈÁ S~\Á~^→]Áä↔äÁUá↔^ÁN^äãæ}Ááá{æÁä↔à↔^|→]Á↑á↔^&Áãæ'\á→Á
 *á]↑æ^\bÁ\~ÁUá↔^ÁO~bæ*áCbÁ Çb↔^→]Áâæ'á|bæÁ\áæÁ*á]↑æ^\bÁ}æãæÁ^æ{æãÁ
 áb↔æãÁà~ãDÁâ|\Á}áæ^Á→á^äÁá'@|↔b↔\↔~^Á}ábÁâæ↔^&Áä↔b'|bbæãÈÁ↔^Á}ábÁ
 Ôá\áæãÁŞæ\æãÁO~ãáá↑ÈÁ*ã↔æb\Á~àÁUá↔^ÁO~bæ*áCbÈÁ}á~Áb|&&æb\æãÁ\áá\Á
 ~^æÁ~àÁá↔bÁáá↑↔↔æbÁ↑↔&á\ÁâæÁ↔^Ááá*~b↔\↔~^Á\~Áâæ*ÈÁ Ø^äæÁãÁ\áæ]Áä↔äÈÁ
 á]↔^&ÁÁGIÊ€€€Á'ábá\~}áããÁ\áæÁ|ã'áábæÁ~àÁáÁ*ã↔↑æÁĞÁÁá'ãæÁb↔^æÈÁ

G→ãá→ÁÒ↔b\~ã]ÈÁŞáb\~ãÁÇá^↔æ→ÁO↔↔âæã\ÈÁÖ|→]ÁGIJÈÁ FÎÎJÈÁ *ÈÁ HÈÁ

22Ibid., p. 6.

~b\↔^&ÁÁİHÊ€€€ÈÁ Ú~Áää\æÉÁ Úá↔^ \ÁN^ääæ}Á↔bÁ b\↔↔→Á~^Á↑↔bb↔~^Áb\á | bÁ
 }↔\áÁáâ~ | \Ááá→àÁ~àÁ↔\bÁ↔^ ~↑æÁ'~↑↔^&Áàã~↑Á~ | \b↔äæÁ\áæÁ'~^&ãæ&á\↔~^Á
 Ç↔^'→ | ä↔^&ÁÁJÊ€€€Á *æãÁ] æáãÁàã~↑Á\á↔↔ãÁà~ã↑æãÁ'~^&ãæ&á\↔~^DÊÁ â | \Á\áæ]Á
 á~*æÁ\~Á*á]Á~ààÁ\á↔↔ãÁãæ↑á↔↔^&Á↔^äæâ\æä^æbbÁ~^Á\áæÁ*ã~*æã\]Á}↔\á↔^Á
 \áæÁ^æ[\Á\}~Á]æããbÁá^äÁ~↔~←Áà~ã}áãäÁ\~Áâæ&↔^↔^&Á'~^b\ã | '\↔~^Á↔^Á
 FİİİÊ Ğ ĞÁ Úá↔^ \ÁN^ääæ}Áääá}bÁ↔\bÁ↑æ↑âæãbá↔*Á àã~↑ÁábÁ àáãÁábÁ Ğ İÁ↑↔↔æbÁ
 á}á]Áá^äÁ\á↔bÁ↔bÁ áÁàæá | äæÁ'~^↑~^Á\~Áá→ÁQ | \áæãá^Á'á | ä'áæbÁ↔^ÁRá↔^æİÁ
 \áá\Áàá↔ãÁ^ | ↑âæãbÁ~àÁ*x~*→æÁ↑ | b\Á\ãá{æ→Á↔^Áæ['æbbÁ~àÁá→àÁá^Áâ~ | äÁ~ãÁ
 æ{æ^Áá^Áâ~ | äÁ~^æÁ}á]È\~Áá\æ^äÁbæã{↔^æÈÁ Sá\ | äá→]ÊÁ \á↔bÁ↔^á↔â↔\bÁ
 ~**~ã | ^↔\↔æbÁà~ãÁàæ→~}bá↔*Áá^äÁbæã{↔^æÁ↔^Á\áæÁ↔^↑æä↔á\æÁ{↔^↔^↔\]Á
 ~àÁ \áæÁ'~^&ãæ&á\↔~^Áâ | \Áæ^'~ | äá&æbÁb | 'áÁá'\↔\↔]Á↔^Á\áæÁ~'á→Á
 '€FØFØFÛ^↔\↔æbÁ}áæãæÁ*áã↔bá↔~^æãbÁãæb↔äæÈ Ğ HÁ

Ôá→↑~ | \áÁË Ó↑^á | bÁQ | \áæãá^ÁOá | ä'áÁ ÇNQODÁ

Ø^ÁFİİFÁæ↔&á\Á}~↑æ^Á~ã&á^↔~æÁÁÁQáã↔æbÁN↔äÁ}á~bæÁá↔↑Á}ábÁÄ\~Á
 à | ä\áæãÁ\áæÁP↔^&ã~↑Á~àÁÖ~äÁá↑~^&Á | bÁÄ↔^Á\áæÁÔá→↑~ | \áÁáãæáÈÁ Úá↔bÁ}ábÁ
 ^~\Á\áæÁà↔ãb\Á\↔↑æÁ\áá\Á\áæÁ*~}æãà | →Á↔^à→ | æ^'æÁ~àÁU'á'ä↔^á{↔á^Á}~↑æ^Á
 }ábÁàæ→Á↔^Á\áæÁU\á\æÁ~àÁRá↔^æÁ↔^Á\áæÁà~ã↑á\↔~^Á~àÁ↔^ä↔æ^~ | bÁQ | \áæãá^Á
 '~^&ãæ&á\↔~^bÈÁ N**áãæ^↔]ÊÁ Qáã↔æbÁN↔äÁU~'↔æ\↔æbÁ~àÁF€€Á]æáãbÁá&~Á~ãÁ
 b~Á}æãæÁæ{æ^Áá\æ^äæäÁâ]Á\áæÁ↑æ^Á↔^Á\áæ↔ãÁ'~↑^~^Áb*↔ã↔ | á→Áá | ^&æãÈÁ
 ↔^áb↑ | 'áÁábÁ \á↔↔ãÁáâbæ^'æÁàã~↑Áá&↔{æ^Á↑ææ\↔^&Á}ábÁ^~\æäÁ↔^Á\áæÁ
 äæ'~ãäÈ X UÁ ÚáæÁ'~^&ãæ&á\↔~^Á}ábÁà~ã↑á→]Á↔^'~ã*~ãá\æäÁ↔^ÁFİİĞÁ | ^äæãÁ

Ğ Ğ~ãá→ÁÖ↔b\~ã]ÊÁ Şáb\~ãÁÖá'←ÁRá[↔↑ÊÁ U\ÈÁ N^ääæ}CbÁQ | \áæãá^ÁOá | ä'áÈÁ Ó→b}~ã\áÈÁRá↔^æÈÁ *ÈÁ HÈÁ

Ğ Hãâ↔ä ÈÈÁ*ÈÁ HÈÁ

Ğ İÓ↑^á | bÁQ | \áæãá^ÁOá | ä'áÈÁ ÄİİÁWæããbÁ à~ãÁOáã↔b\ÁFİİĞ ÈFİİİ ÈÄÁŞĞÁ İÈÁ

\åæÁb| *æã{↔b↔~^Á~àÁŞáb\~ãÁÓ→æb\áääÁ~àÁ\åæÁS~ã}æ&↔á^ÁQ|\åæää^ÁOá|ã´áá
↔^ÁŞ~ã\→á^ääÁÇ^~}ÁÔ↔ãb\ÁQ|\åæää^DÁ}á~Á´á↑æÁá^ää*ãæá´åæääãæ&|→ää→]Á\~Á\åæÁ
Æá^æbÁ↔^ÁÔá→↑~|\åÈÁ ÚåæÁ´~^&ãæ&á\↔~^Á↓~↔^æää\åæÁÛ^↔\æääÓ{á^&æ↔´á→Á
Q|\åæää^ÁOá|ã´áÁU]~^ääÇÛÓQODÁ↔^ÁFÏÏÏÁá^ääÁ~b\æää\åæÁN\→á^↔^Á↔b\ã↔´\Á
O~^{\æ^↔~^Á↔^ÁFÏÏÏEÈÁ ÈÁ Ø\Áãæ↑á↔^æää}↔\á\åæÁÛÓQOÁ|^↔^Á↓~↔^↔^&Á\åæÁ^æ}→]Á
à~ã↑æääÁN^Cæ↔´á^ÁQ|\åæää^ÁOá|ã´áÁÇNQODÁ↔^ÁFÏÏÏEÈÁ Ñ]ÁFÏÏÏJÁ\åæÁ´~^&ãæ&áÈ
\↔~^bCÁ~|\åæá´áÁ↔^æãæb\ÁáääÁ&ã~}^Á\~Á\åæÁ*~↔^Á}åæãæÁ\åæÁ´~^&ãæ&á\↔~^Á
b|**~ã\æääÁá→àÁ~àÁ\åæÁbá→áã]Á~àÁÁ↑↔bb↔~^áã]Á↔^ÁSæ}ÁÖ|↔^æáÈÁUÁ Øã~^↔´á→]ÈÁ
\å↔bÁ~|\åæá´áÁ´á↑æÁá\ÁáåæÁbá↑æÁ\↔↑æÁábÁ\åæÁ´~^&ãæ&á\↔~^Á}ábÁæ[*æã↔æ^´↔^&Á
\åæÁæ↑~\↔~^á→Áã↔à↔´|→\↔æbÁ~àÁ\åæÁ\åæ^Ábæ{æãæ^ääŞæb\~^ÁÔÈÁ Õ~^æbÈÁ}á~Á
^~\Á~^→]Á→~b\Áá↔bÁàá↑↔}Á\åã~|&áÁã↔{~ã´æÁá^ää→æà\Á\åæÁ↑↔^↔b\ã]Áá|\Á→á\åæÁ
´~^↑↔\æääb|↔´↔æÈE^G ÍÁ ÚåæÁ*ãæbæ^Á*áb\~ãÈÁ\åæÁbæ{æãæ^ääÓääÑá→\~æääæ^Á↔bÁ
{æã]Áá´\↔{æÁ↔^Á\åæÁ→´á→Á´~↑|↔^↔]ÁábÁ}æ→ÁábÁáÁ→æääæää↔^Á\åæÁS~ã\→á^ää
NãæáÁQ|\åæää^ÁUæã{↔´æbÁÇŞNQUDÉÁ}á↔´áÁ↔bÁáá´~^b~ã\↔|↑Á~àÁQ|\åæää^Á´~^&ãæ&áÈ
\↔~^bÁ↔^´→|ã↔^&Á\åæÁNÓQOÈÁNQOÈÁQONÈÁá^ääQOÈRUÁ\~Á*ã~{↔æÁ´~|^bæ↔^&ÈÁ
å~|b↔^&Áá^ää~\åæääbæã{↔´æbÁ\~Á\åæÁ´~^↑|↔^↔]ÈÁ N\Á*ãæbæ^Á\åæÁá|↔↔^&Á
*ã~↓æ´\ÈÁ↔^~}^ÁábÁÄŞ´æá^ÁÛ↔æ}ÄÁ↔^ÁÔá→↑~|\åÁ↔bÁáÁHÈIÁ↑↔↔↔~^Áã~→áää
*ã↔{á\æ→]Áà|^ääääâ|↔↔↔^&Á*ã~↓æ´\ÈÁ↓~↔^↔\→]Á↑á^á&æääâ]ÁŞNQUÁá^ää↔´\áää
Nbb~´↔á\æbÈÁáÁ*ã~↑↔^æ^Á→´á→Á´~^b\ã|^↔~^Áàã↑ÈÁ Ø\ÈÁ}ábÁà~^á→]Á
ääã↔´á\æää~^ÁÔá^|ää]ÁFFÈŽFÏÏí ÈGÍÁ

^G UQá↔ã ÈÁ

^{Gí} ~ää→ÈÁ↔b\~ã]ÈÁŞáb\~ãÁÓääÑá→\~æãbæ^ÈÁÓ↑á|bÁQ|\åæää^ÈÁÔá→↑~|\åÈÁ
Rá↔^æÈÁ**ÈÁFÈEÈÁ

^{Gí} ~´æá^ÁÛ↔æ}ÁCæã↔´á\↔~^ÁUæã{↔´æÈÁÔá^|ää]ÁFFÈÁFÏÏÈÁ

Ôá^↔^&\~^ÁË Òá↔\áÁQ|\áæãá^ÁOá|ã´áÁ ÇQONDA ÇR↔bb↔~^DÁ

Ôá↔\áÊÁ Çà~ã↑æã→]ÁR~|^ÁÑ→|æDÁ↔bÁ\áæÁbæ´~^ãÁ~àÁ\}~Á↑↔bb↔~^áá]Áæ^Ë
 äæá{~ãbÁ*ã↔↑ã↔→]Áb|**~ã\æãÁÁ]ÁŞã↔^´æÁ~àÁŞæá´æÁQ|\áæãá^ÁOá|ã´áÁ↔^Á
 N|&|b\áÈ^G IÁ ∅\ÁáábÁâææ^Ábæã{æãÁ↔^Á\áæÁ*áb\Áá]ÁŞáb\~ãÁÇá^ÁP^´↔^Á}á↔↔æÁ
 áæÁ}ábÁ\áæÁ*áb\~ãÁá\Á\áæÁQONÁ´á|ã´áÁ↔^ÁU~|\áŞáã↔bÊÁ Fı ÍÎËFı ÎH ÈÁ NbÁ~àÁ
 \á↔bÁ}ã↔↔^&ÊÁ↔\Á↔bÁ|^äæãÁ\áæÁ→æãæãbá↔^Á~àÁáÁ→á]↑á^ÊÁ RáÊÁ Òáãã]ÁU]´↔~ààÊÁ
 á^äÁ↑á^]Á]æãábÁ*áb\ÁÇ→á\æÁIe bÁá^äÁæãã→]ÁÍe bDÁ}ábÁæ{æ^Á\áæÁ~â↓æ´\Á~àÁ
 Şáb\~ãÁÓä&áãÁÔæã→á|CbÁá\æ^↔~^Á ÇQOËRUDÁ}áæ^ÁáæÁ\ã↔æãÁ\~Á~ã&á^´æÁáÁ
 ´~^&æ&á\↔~^Áá^äÁæã→äÁbæã{↔^´æbÁ↔^Á\áá\ÁáãæãÊÁ Òá^↔^&\~^Á↔bÁ\áæÁbæá\Á~àÁ
 ~^æÁ~àÁ\áæÁÛ^↔{æãb↔]Á~àÁRá↔^æÁ´~→æ&æbÁá^äÁ~´á\æãÁá\Á\áæÁb\áá\æ&^´Á
 ↔^æãbæ´\↔~^Á~àÁ\}~Á↑á↓~ãÁá↔&á}á]bÊÁ ÛÈUÈÁ HÁá^äÁÛÈUÈÁ^G ÈÁ Şá|→ÈÁN^áæãb~^ÊÁ
 ´|ããæ^↔]Ábæã{↔^&Á↔^ÁÑá^&~ãÊÁ}ábÁ~ã↔&↔^á→]Á´~^b↔äæãæãÁ\~ÁâæÁ´á→æãÁ\~Á
 bæã{æÁÔá↔\áÁ|^↔↔^Á↔bÁ à↔^á^´↔á→Á b↔|á\↔~^Á*ã~{æãÁ\~^Á*ãæ´áã↔~|bÁ\~Á´á→Á
 áÁá|→È\↔↑æÁ*áb\~ãÁá\Á\áá\Á\↔↑æÁ ÇFı ÎË DÈ^Ë €Á

Òáãã↔b~^ÁO~^&æ&á\↔~^ÁË LÁ ÇUÛŞRØDQONDA

ÚáæÁÒáãã↔b~^Á´~^&æ&á\↔~^Á}ábÁ à~|^äæãÁ↓|b\Ááà\æãÁ↔bÁ b↔b\æãÁU|~↑↔Á
 U|^~äÁ*áã↔bÁá\ÍÁU~|\áŞáã↔bÁá]Á\áæÁbá↑æÁ}á{æÁ~àÁÔ↔^↔↔bÁá↔^↔&ãã^bÈÁ
 Òáãã↔b~^Á↔bÁáÁâæá|\↔à|→Áãæb~ã\Á\~}^Áb|ãã~|^äæãÁ]Á\á→Áb*ã|´æÁá^äÁ*↔^æÁ
 á^äÁ→´á\æãÁ~^ÁQ~^&Ş~^äÁ^æããÁ\áæÁÛá↔\æÁR~|^á↔^bÈÁ ÚáæÁáãæãÁãæ↑↔^äæãÁ\áæÁ
 Ô↔^bÁ~àÁ\áæ↔ãÁâæ~{æãÁá~↑æ→á^äÈÁ ÚáæÁ´~^&æ&á\↔~^Á↑æã&æãÁ↔^´~^æÁ*áã↔bÁÁ
 }↔\áÁU~|\áŞáã↔bÁ↔^ÁFı^G IÁ↔^Á~ããæãÁ\~ÁbáãæÁæ[*æ^bæbÁ à~ãÁá*áb\~ãÈÁ Òæ~ã&æÁ
 N|\↔~^Íæ´´æ*\æãÁ\áæÁOá→Á\~Ábæã{æÁ\áæÁ|á→Á*áã↔bÁábÁ\áæÁ à↔b\Áãæb↔æ^´Á

^Gı ~ãá→ÁÔ↔b\~ã]Á~àÁŞáb\~ãÁRæ]æãÊÁ Óá^|áã]Á^G Î ÊFı Î ÍÁ

^Ğe´~^´{æãbá\↔~^Á*ã↔~ãÁ\~ÁŞãá→ÁÔ↔b\~ã]Á}↔\áŞáb\~ãÁŞá|→ÁN^áæãb~^ÊÁ
 Õ|→]Á^G Í ÊÁFı Î ÎÊÁ

*áb\~ãÁ↔Á_F İġ ∈ ÈÁ ÒæÁ bæã {æää \↔→Á_F İġ İJÁá^ää \áæ^Áá&á↔Áää~↑ÁFİHİÁ |^ \↔→ÈÁ á↔bÁ
ääá \áÁ↔Á_F İIH Èġ^{FÁ} Şáb\~ãÁŞá |→ÁN^äæãb~^Á~àÁÑá^&~ãÁbæã {æää \áæÁ^~^&ãæ&áÈ
\↔~^Á|^ \↔→Á↔\Á~àà↔'↔á→]Á'→~bæääÁ^ääÁ↑á↔&á↑á \æää}↔\áÁÜá↔↔\]ÈÁ U~|\áÁ
Şáã↔bÁ↔Á_F İİİ Èġ^{GÁ}

Òæää~^ÁÈ Ò↔↔↔↔báÁÓ {á^&æ↔↔'á→ÁQ |\áæää^ÁÓá |ã'áÁÇØ^äæ*æ^äæ^DÁ

ÚáæÁ↔↔äæ*æ^äæ^ÁÓ↔↔↔↔báÁÓ {á^&æ↔↔'á→ÁQ |\áæää^ÁÓá |ã'áÁb*↔↔\Á\áæÁ

Òæää~^ÈÜæb\ÁR↔↔~^Á↑á↑áæãbÁää~↑ÁÜá↔↔↔\]Á↔↔ÁU~|\áÁŞáã↔bÁ↔Á_F İÖ→İÁ Øã~^↔'á→]ÈÁ
\á↔bÁ'á↑áÁ↓|b\ÁáÁ]æääÁáà\æää \áæÁU~|\áÁŞáã↔bÁá^ääÒää↔↔b~^Á'~^&ãæ&á↔↔~^bÁáááÁ
|^↔\æää↔↔Á~ääæää\~ÁâæÁáâ→æÁ\~^Á áàà~ääÁáÁæb↔↔äæ^Á*áb\~ãÈÁ Şã↔↔ãÁ\~Á_F İġ_F ÈÁ
U|^ää]ÁU'á~→Áá^ää↑~^ \á→]Ábæã {↔'æbÁáááÁ→ääáá]Áâææ^Ááæ→ää↔↔Á \áæÁÒæää~^Á
áãæáÈÁ NbÁ \áæÁÓ↔↔↔↔báÁ*~* |→á \↔~^Áä}↔↔↔↔↔↔á^ää→á'↔↔~àÁ^~^Èæ\á^↔'Áæ {á^&æ→È
↔↔bÁ*æãb↔↔b\æääÈÁ \áæÁ'~^&ãæ&á \↔~^ÈÁ]á↔'áÁ^æ {æääÁ↔↔ääá {æÁáÁâ |↔↔↔↔↔↔&ÈÁÈ'æábæää
↔↔Á_F İJİ Èġ^{ĞÁ}

Pæ^æâ|^↔~ÁÈ Ò~→]ÁÓã~bbÁQ |\áæää^ÁÓá |ã'áÁÇNODÁ

Ñæá|\↔à|→Á Pæ^æâ|^↔~Á~^Á\áæÁ'~áb\Á~àÁRá↔↔æÁbá]Á\áæÁäæ {æ~*↑æ^Á~àÁ

áÁQ|\áæää^Á↑↔↔↔↔\]Á↔↔Á_F İÍ_F ÈÁá^ää↔bÁ \áæÁb~|\áæää^È↑~b\ÁQ|\áæää^Á'~^&ãæ&áÈ
\↔~^Á↔↔Á \áæÁb\á\æÈÁ Ò~→]ÁÓã~bbÁ'~^&ãæ&á \↔~^Á}ábÁ↔↔'~ã*~ää\æää↔↔Á_F İÍFÁ
|^ääää \áæÁä↔↔æ' \↔~^Á~àÁŞáb\~ãÁPæ^ÁÓá |&æÈÁ Ò~→]ÁÓã~bbÁ↔↔báá~\áæää'~^&ãæ&áÈ
\↔~^Á \áá \ÁáábÁâæ^æà↔\æääää~↑ÁP~↑á^ÁÓá \á~↔↔'Áâæ^æ {~↔æ^æÁ↔↔Á \áá \Á \áæÁ
*ãæbæ^Áb↔↔\æÁ~àÁ \áæÁ'á |ã'áÁâ |↔↔↔↔↔↔&Á}ábÁ~ã↔↔↔↔↔↔]ÁUá↔↔\ÁR~^↔'áCbÁP~↑á^Á
Óá \á~↔↔'ÁÓá |ã'áÈÁ Úáæ]Áb~→ää↔↔\~^ÁÒ~→]Á Óã~bbÁ à~ääÁİÈÈÈÈÁ ÚáæÁ {á|æÁ
^~}Á~ {æääÁá@|áá \æää↑↔↔↔↔~^ÈÁ Ò~→]ÁÓã~bbÁáábÁ&~\ \æ^Áá' \↔ {æÁ↔↔Áb*~^b~ã↔↔&Á

Ğ FÜã↔↔↔\]ÁÓ {á^&æ↔↔'á→ÁQ |\áæää^ÁÓá |ã'áÁÁŞ |ää İ€ÁWæääbÁİÁ FİFGÈ_F İJGÁ
**ÈÁ_F İÈ_F İÈÁ

Ğ G~ää→ÁÒ↔↔b\~ã]ÈÁŞáb\~ãÁN^äæãb~^ÈÁ Ö|→]ÁGİÈ_F İİJÈÁ *ÈÁ İÈÁ

ĞĞ ~* ÈÁÓ↔\ÈÈÁ **È_F ÍÁFİ ÈÁ

ãæà | &æÁàá↑↔↔æbÁ~àÁ} á↔' áÁ\ } ~Áá{ æÁ' ~↑æÁb-Á àáãÁá^äÁ \á↔bÁ↔bÁ } áá \Á \áæÁ
' ~ã↑ã | ^↔ \]Á *ã~ááâ→]Á←^~ } bÁ Ò→] Á Óã~bbÁâæb \Á à~ãÈÁ ÚáæÁ *ãæbæ^ \Á *áb \~ãÁ↔bÁ
\áæÁæ { æãæ^äÁ Õ~á^Á Ó~ã&á^ÊÁ } á~ÁáábÁâææ^Á \áæãæÁb↔^' æÁ S~ { æ↑âæãÁ~àÁ FÍÍFÈÁ
O~ã&á^Á↔äæ^ \↔à↔æbÁ \áæÁâ↔&æb \Á ä↔à↔' | → \]Á \áæÁ' ~^&ãæ&á \↔~^ÁáábÁábÁ CCÜæÁ
ä~^C \Áä~ÁáÁ&~ãÁ↓~âÈÁ \á↔↔^&Á } ↔ \ áÁ | áÁ^æ↔&áâ~ãbÁá^äÁ àã↔æ^ãbÁáâ~ | \Á
Oáã↔b \Á g g g ÁÁĜ HÁ Úá↔bÁ↔bÁ \áæÁ' ~^' æã^Á \áá \Á↔bÁãæà↔æ' \æäÁ↔^Áá→Á~àÁ \áæÁ
' ~^ { æãbá \↔~^bÁ \áá \Á ØÁáá { æÁááää } ↔ \ áÁ *áb \~ãbÁá^äÁ' ~^&ãæ&á \↔~^bÁ↔^Á \áæÁ
→áb \Á \ } ~Á↑~^ \ábÈÁ

Sæ} ÁU} æãæ^Á È Ö | b \ááÁNä~→*áÁQ | \áæãá^Á Oá | ä' áÁ ÇQONDÁ

Š | \b↔æÁ~àÁ \áæÁ~→äÁ Õæã↑á^Á Q | \áæãá^Á Oá | ä' áÁ↔^Á Ûá~ä~â~ã~ÈÁ } á↔' áÁáááÁ
' æábæää \~Áæ [↔b \ÁábÁáÁ } ~ãbá↔*↔^&Á' ~^↑ | ^↔ \]Á â]Á \áæÁ FÍÍE bÈÁ \áæÁ Ò↔ãb \Á
U } æä↔bá Á Ó { á^&æ↔↔' á→Á Q | \áæãá^Á Oá | ä' áÁ~àÁ Sæ } ÁU } æäæ^ÊÁ Rá↔^æÈÁ } á↔' áÁ } ábÁ
à~ | ^äæãÁ↔^Á FÍÍFÈÁ↔bÁ^~ \Á~^→]Á \áæÁ~→äæb \Á Q | \áæãá^Á' á | ä' áÁ↔^Á \áæÁ b \á \áæÁ | \Á
ãæ↑á↔^bÁ \áæÁ~→äæb \Á á' \↔ { æÁ Q | \áæãá^Á' ~^&ãæ&á \↔~^ÁábÁ } æ→ÈÁ Û^äæãÁ \áæÁ
→æáäæãbá↔*ÈÁ oLáÁ Û È Û È Á Úá~↑ábÁ ÇUæ' äæ \áá]Á~àÁ ÛááÁ | ^æãÈÁ Sæb↔ææ^ \Á Nãáááá↑Á
Q↔^' ~→^DÈÁ I FÁb~ | →bÁááã↔ { æÁááã~↑ÁU } æææ^Á↔^Á FÍÍE Ááá { ↔^&Áâææ^Á *ã~↑↔bæää
àæã \↔↔æÁ' →æáãæää&ã~ | ^äÈb↔↔→áãÁ \~Á } áá \Á \áæ]ÁáááÁ↔^ÁU } æäæ^ÊÁ ábÁ } æ→Á ábÁ
á~↑æbÁá~ãæää]Áá | ↔ \ ÈÁ NbÁ↑↔&á \ÁâæÁæ [*æ' \æãÈÁ \áá \Á } á↔' áÁ } ábÁäæ↔ { æãæää
} ábÁ' ~^b↔æãáá→]Á→æbbÁ \áá^Á \áá \Á } á↔' áÁ } ábÁ *ã~↑↔bæää È Ĝ I Á ÚáæÁ *ãæbæ^ \Á
' á | ä' áÁâ | ↔ä↔^&Á } ábÁäæ↔' á \æäÁ↔^Á FÍÍE Ááá^äÁ↔^Á FÍÍIÁ \áæÁ' ~^&ãæ&á \↔~^Á↓~↔^æää
\áæÁN | & | b \á^áÁU)^~ãÈÁ Şã↔~ãÁ \~Á \á↔bÁ \↔↑æÁ \áæÁ' á | ä' áÁáááÁâææ^Ááá↑æ↑æää
~àÁ \áæÁ~→äÁ Sæ } ÁW~ã←ÁU)^~ãÈÁ Şã↔~ãÁ \~ \á↔bÁ \↔↑æÁ \áæÁ' á | ä' áÁáááÁâææ^Ááá

Ĝ H~ãá→ÈÁ↔b \~ã]ÈÁ æ { æãæ^ää Õ~á^Á Ó~ã&á^ÊÁ Õ | →] Á F I ÈÁ FÍÍE Áá *ÈÁ I ÈÁ

Ĝ I ~ãá→Á Ò↔b \~ã]ÈÁ Ö | b \ááÁNä~→*áÁQ Û \áæãá^Á Oá | ä' áÈÁ Sæ } ÁU } æäæ^ÊÁ Rá↔^æÈÁ
Ö | →] Á Ĝ I ÈÁ FÍÍE Áá *ÈÁ Ĝ ÈÁ

↑x↑âxãã~àÁ\âxã~→ãÁSx}ÁW~ã←ÁU]~ãÈÁ Ö|b\áàÁNã~→*áÁ↔bÁ↔^\x&ãá→]Áãx→á\xãÁ
 \~Á↔\bÁ'€ØØØØØ↔\]Á]↔\áÁáâ~|\Á~xÈáá→àÁ~àÁ\âxã\~\á→Á *~*|→á↔~^Á~àÁSx}Á
 U}xãx^Á'→á↔↑↔&Á↑x↑âxãbã↔*Á↔^Á\âxã'~^&ãx&á\↔~^ÈÁ Ø\}ábÁ\áã~|\&á\âxã
 ↔^b\↔&á\↔~^Á~àÁ\âxã'~^&ãx&á\↔~^Á↔^ÁFİ€FÁ\áá\Áá^Áá^|á→Á'x→xããá\↔~^Á~àÁ
 \âxãáá]Á~àÁ\âxãà~|^ã↔^&Á~àÁ\âxã\~^Á~^ÁÖ|→]ÁGç ÈÁFİ€FÁâx&á^Á\~^Áâxã
 'x→xããá\xãÈÁ ÚâxãSx}ÁU}xãx^Á'~^&ãx&á\↔~^Á}ábÁ↔^b\ã|↑x^\á→Á↔^Áâx&↔^↔^&Á
 áÁáá|\&\xãã'~^&ãx&á\↔~^Á↔^ÁU\~^←ã~→↑ÈÁRá↔^xÈÁ x↔&á\Á↔↔xãb\~^Á\âxã^~ã\âÈÁ
 ↔^ÁFİ€W ÈÁá^ãã↔^Á\âxãxã\áâ↔bã↑x^\Á~àÁáÁQ|\âxãá^Á'á|ã'áÁ↔^ÁÓáã↔â~|ÈÁ FİÁ
 ↑↔↔xãb\~^Á\âxãb~|\âÈÁ Ö|b\áàÁNã~→*áÁ~^}Ábæã{xãbÁábÁ\âxã'x^\xãÁ~àÁ}áá\Á↔bÁ
 ←~^}^ÁábÁ\âxãS~ã\âxã^ÁRá↔^xÁQ|\âxãá^ÁŞáã↔bãÁ'~↑*ã↔xããÁ~àÁá→Á\âãxãÁ
 '~^&ãx&á\↔~^bÁá^ãÁ|^↔^Á \âxããx^ãã|\ãxã~àÁ\âxãP{xãx^ãÁÓá^~ÁN^ããáxã↔^Á
 Ş'\~âxãÁFİ€FİÈÁáá{↔^&Á~^→]Á~^xÁ*áb\~ãÁ\~^Ábæã{xãá→Á\âãxãÈÁ Ø\Á↔bÁ
 ↔^\xãxã\↔^&Á\~^Á~\xã\áá\ÁŞáb\~ãÁN^ããáxã'á↑xããããx^\→]Áãã~↑ÁU}xãx^Áâx'á|bæÁ
 ~àÁã↔bÁã↔bbá\↔bãá'\↔~^Á}↔\áÁáÁ|^↑âxãÁ~àÁ*ãá'\↔^xãb↔^Á\âxãU}xã↔bãÁQ|\âxãá^Á
 Óá|ã'áİÁ à~ãx↑~b\Áá↑~^&Á\âx↑ÈÁ\âxã'á|ã'áCbÁ↔âxãá→Áb\á'ãÁ~^Áá~↑~bæ[|á↔\]ÈÁ
 áâ~ã\↔~^ÈÁ á^ãÁ}~↑x^CbÁ~ãã↔^á\↔~^ÈÁ Ö~}Áãã~^↔^Á\áá\âxã*áb\~ãá→Á'~|^*xãÁ
 '~↑↔^&Á\~^Ábæã{xã\âxãS~ã\âxã^ÁRá↔^xÁQ|\âxãá^ÁŞáã↔bãÁ}↔→Ábæxã\âxã
 P{xãx^ãÁÚ~ããÁRæã←x^Ábæã{↔^&ÁSx}ÁU}xãx^ÈÁ}á↔↔xãá↔bÁ}↔àxÈÁ\âxãP{xãx^ãÁ
 Ö↔bæ→xãÑxã^↔^&á|bÁ}↔→Ábæã{xãU\~^←ã~→↑Áá^ãÁÓáã↔â~|ÈÁ Ú~^Á↑á←xã\áá\Á
 b↔|á\↔~^Áx{x^Á↑~ãxã'~↔^xãÈÁ\âxã*áãb~^á&xã}áãxã\âxã*áb\~ãbÁ}↔→Áâxã
 →{↔^&Á↔bÁ↔↑^xã↔á|x→]Ááá↓á'x^\Á\~^Á\âxãSx}ÁU}xãx^Á'~^&ãx&á\↔~^ÈÁ Ræã←x^Á
 á^ãÁÑxã^↔^&á|bÁ}↔→Áããã↔{xã\âxã↑↔ãã→xã~àÁŞ'\~âxãÈÁ Fİ€Fİ€^ç M^Á

S~ã\`áÁÛ↔^ääá↑ÁË Ôá↔\`áÁQ|\`áæãá^ÁOá|ã´áÁ ÇÑOODÁ

Ôá↔\`áÁ}ábÁà~|^ääá↔^ËFÍÍÁábÁ↔\`Á}ábÁãæ´~&^↔~æáÁ\`áÁ\`áÁÛ↔^ääá↑Á
 áãæáËÁ GÉÁ↑↔↔æbÁää~↑Áã~}^~}^ÁŞ~ã\`→á^áËÁ^~ã\`á}æb\`Á~^ÁÔ↔&á}á|ÁçEGÉÁ}ábÁ
 &~↔^&Á\`~ÁâæÁ~^æÁ~àÁ\`áÁ^æ[\`Áãæ´ãæá\`↔~^Áá^ááãæb↔ææ^↔→á^´æ^↔æãbÁà~ãÁ
 b~|\`áæã^ÁRá↔^æËÁ Nà\`æãÁ\`áÁ´~^&æ&á\`↔~^CbÁ↔↔↔→á^Áà~ã↑á\`↔~^Á|^ääá
 Şáb\`~ãÁR↔↔æÁNáá↑bÊŞáb\`~ãÁŞæ\`æãÁÑáb\`↔↔^Ááãã↔{æãÁ\`~Á´~^↔↔|æ Á\`áÁ}~ã←Á~àÁ
 \`áÁ↑↔bb↔~^ËÁáá{↔^&Á↓|b\`Á´~↑æÁää~↑ÁX↔~^Á´~^&æ&á\`↔~^Á↔^ÁŞ→}↑~|\`áËÁ
 Rábbá´á|bæ\`bËÁ}áæãÁáæÁááááÁæ´~|ãá&æá\`áÁ´~^&æ&á\`↔~^Á\`~Á→æá{æÁ
 R↔bb~|ã↔ÁU|^~ääá^áá↓~↔^Á\`áÁN↑æã↔´á^ÁQ|\`áæãá^ÁOá|ã´áÁ↔^ÁFÍÍËËÁ Ûæ^ÁØÁ
 ↔^↔æã{↔↔æãÁŞáb\`~ãÁÔ~ã^Á~^ÁN|&|b\`ÁGFÉÁ FÍÍËËÁáæÁáááááááææ^Á~^Á\`áÁ↓~ã\`~Á
 }ææ←bÁá^áá→~↔~æãÁà~ã}áãáá\`~Á á↔bÁ↔^b\`á→á\`↔~^Á~^Á\`áÁFH\`áÁ~àÁUæ*↔æ↑æãËÁ
 Şáb\`~ãÁÔ~ã^Á↔bÁää~↑ÁR↔´á↔&á^Áá^áá→æà\`á\`áæãÁà~→~}↔^&Ááááááá\`áÁ\`á´←Á↔^Á
 FÍÍËËÁ ÔæÁà~|^~ääá↔↑bæ→àÁ´~↔^´↔ææ^↔á→}Ábæã{↔^&ÁábÁ*|→*↔\`Áb|**→]Áà~ãÁX↔~^ËÁ
 ↔^ÁŞ→}↑~|\`áËÁRábbá´á|bæ\`bËÁ\`áá~|&áAb*ã↔^&ÁFÍÍËËÁ Ô~ã^CbÁ´~^´æã^bÁà~ãÁ
 \`áÁ&ã~}\`áÁ~àÁ\`áÁ↑↔bb↔~^ÁáãæÁ{æã}Áâáb↔^ËÁ Rá↔^→}ËÁ\`áÁ\`áÁ*æ~*→æÁ~|&á\`Á\`~Á
 âæÁ}↔↔↔^&Á\`~Áb*æá←Ááâ~|\`áæ↔ãË`á|ã´áÁ↔^Áá^]Cb↔|\`á\`↔~^Ëç ÍÁ ÚáæÁS~ã\`áÁ
 Û↔^ääá↑Á´~^&æ&á\`↔~^Á↔bÁá^Á↔^↔æãæb\`↔^&Á↑↔[Á~àÁ*æ~*→æÁ↔^´→|ã↔^&ÁáÁ
 ^|↑âæãÁ~àÁR↔bb~|ã↔ÁU|^~ääáá↑↔↔↔æbÁá^ááæ{æ^Á\`áÁFÍÍËËÁ´á^á↔ãá\`áÁà~ãÁ\`áÁ
 Çæ↑´ãá\`↔^ÁÖ|âæã^á\`~ã↔á→ÁS~↑↔^á\`↔~^ËÁÑ↔↔^ÁÇ↔á↑~^áËÁ

Ş~ã\`→á^áËË Ñæá|\`↔à|→ÁUá{↔~ãÁQ|\`áæãá^ÁOá|ã´áÁ ÇÛOODÁ

Û~ã←Á↔^Áæb\`áá↔↔bá↔^&Á\`áÁà↔ãb\`Áæ{æãÁÛ↔b´~^b↔^ÁÓ{á^&æ↔´á→Á
 Q|\`áæãá^ÁU|^~ää´~^&æ&á\`↔~^Á↔^Á\`áÁU\`á\`áÁ~àÁRá↔^æÁâæ&á^ÁábÁæáã→]ÁábÁ
 Çæ´æ↑âæãÁ~àÁFÍÍËËÁ}↔\`áÁ\`áÁ}~ã←Á~àÁŞáb\`~ãbÁÇá{↔ãÁO→áã←Á~àÁSábá|áËÁ

ç Í~ãá→ÁÔ↔b\`~ã}ËÁ Şáb\`~ãÁŞá|→ÁÔ~ã^ËÁN|&|b\`ÁGFÉÁ FÍÍËËÁ *ËÁ ÇËÁ

Sæ}ÁÔá†*bâ↔ææÊÁá^ääÁĒá{↔ääU'âæääää\âÊÁ~àÁĬ|†â~ääÊÁĬâ~äæÁŌb→á^ääÊÁ}á~Á
 ' ~†*↔↔æää↔↔â~â†á\↔↔^Á' ~^'æã^↔↔&Á\âæÁ*~\æ^↔↔→Áâ~ãÁæb\áâ↔↔bâ↔↔&Ááá†↔bb↔↔^Á
 ↔^Á\âæÁŞ↔↔æÁŪãææÁU\á\æË Ğ ĨÁ Ø^ÁRá]Á~àÁFĬ†ĜÊÁbæ†↔↔áã]Á&ääá|á\æÁŞá|→ÁŌá^↔æÁ
 }ábÁáb↔↔↔^æää\~Ábæã{æÁ\âæÁ\âæ^ÁĀæ[*~→ãá\~ã]Á†↔bb↔↔^ÁĀá^ääæÁáábÁâæ^Á
 \âæãæÁæ{æãÁb↔↔^æËÁ Ô~ã†á→Á†↔bb↔↔^Áb\á\|bÁ}ábÁ&ää^æää↔↔^ÁŌæãã|áã]Á~àÁFĬ†ĤÁ
 á^ää↔↔^ÁUæ*\æ†âæãÁ~àÁ\áá\Á]æääÁŞÈè~^æääŌæã~{ááCbÁŪ↔↔^æbbÁŌá→Á}ábÁ*|ãË
 'áábæääÁábÁ\âæÁâ↔↔b\Á*æã†á^æ^Áá~†æÁ~àÁ\âæÁ' ~^&æ&á\↔↔^ÊÁ Ūæ^Ááb↔↔æää
 áâ~|\Áâ↔↔bÁ' ~^&æ&á\↔↔^CbÁ&ã~}\âÊÁŌá^↔æÁãæ*↔↔æääĬÁ

Ñ|\ÁŌÁ\â↔↔^Á}æÊÁ*áb\~ãÁá^ää†æ†âæãbÁ↔↔^→|äæääÊÁáá{æÁ&~\æ^Ááã~|^ää\~Á
 \âæÁ{↔↔}*↔↔^Á}æÁ'á^C\Á↓|b\Áb\á]Á}↔↔\â↔↔^Á~|ãÁâ~|ãÁ}á→bÁá^ää^ää'↔↔^æÁ
 ~|ãÁ~ã\á~ã~|]Á\âæãÊÁ ŪâæÁŌæã\ÁŌ~^†↔bb↔↔^Á}á^b\|bÁ|bÊÁ|ã&æbÁ|bÊÁ
 ~^†á^ábÁ|bÁ\~Á&æ^Á~|\Á}↔↔\âÁ\âæÁŌ~b*æ→Á~àÁŌæb|bÁŌáã↔↔b\Áá^ää\æ→Á
 ~\âæãbÁáã~|\Á↔↔^Ág g Ğ ĨÁ

Ōá^↔æCbÁ' ~^†æ^Á\}↔↔\âÁãæ&áãää\~Á\âæÁ' ~†↔↔&ÁQ|\âæää^Á†æã&æää↔↔bĬÁ
 ØÁ\â↔↔^Á↔↔^Á↔↔bÁ&↔↔^Á\~ÁâæÁ' ~^à|b↔↔^Áâæ'á|bæÁ\âæãæ↔↔bÁ&↔↔^Á\~ÁâæÁ
 b|'ááã↔↔{æãb↔↔]Á}↔↔\â↔↔^ÁQ|\âæää^↔↔b†Áá^ääŌÁ'æã\á↔↔^→]Áã~^C\Á'áãæÁ\~ÁâæÁ
 \áãæãÁ}↔↔\âÁ\âæÁbá†æÁãã|bÁ\áá\Á↔↔b|bæÁ\~Áæb'ã↔↔æÁ\â↔↔bÁ'æ}Á
 Q|\âæää^Á'á|ã'áÈ Ĥ ĒÁ

N^ääÊÁ â↔↔^á→]ÊÁâ↔↔bÁ{↔↔}Á~^Á' ~~*æää\↔↔^Áá^ääæ{æ^Á*~bb↔↔â↔↔æÁb\æ*bÁ\~}áãää
 á→\áãÁá^ää*|→*↔↔^Áâæ→~}bâ↔↔^Áâæ\}ææ^ÁŪ↔↔b' ~^b↔↔^Áá^ääÁR↔↔bb~|ã↔↔ĬÁ
 ØÁ}á^Á\~Á†á↔↔æÁ\â↔↔bÁ'→æää\áá\Áá→\á~|&á\âæÁŪ↔↔b' ~^b↔↔^ÁU|^~ää↔↔bÁ^~\Á
 ↔^Áâæ→~}bâ↔↔^Á}↔↔\âÁ\âæÁR↔↔bb~|ã↔↔^ÁU|^~ääÊÁ ØÁ*æãb~^á→]Áã~^C\Á'âæÁ\~ÁâæÁ
 'á|ã'ááábÁ\âæÁ\↔↔|\ãÁ\áá\Á†æ†âæãbÁ~àÁ\âæÈR↔↔bb~|ã↔↔^ÁU|^~ääáãæÁ^~\Á
 áã~\âæãbÁá^ääb↔↔bæãbÁ↔↔^ÁŌáã↔↔b\ÊÁ ØÁ\â↔↔^Á}↔↔\âÁ\âæÁãæ'æ^Á\áãæ{æ~*È
 †æ^bÁ↔↔^ÁQ|\âæää^↔↔b†ÊÁ↔↔^Á}~|→ääâæÁáããæ→Áâ↔↔bb↔↔^Á&↔↔^Á\âæÁ\}~Á'á|ã'áá
 â~ä↔↔æbÁ' ~|→ää&æ^Á\~&æ\âæää g g Ğ ĨÁHFÁ

Ğ Ĩ NÁâ↔↔b\~ã]Á~àÁŪŌQUÁ†↔bb↔↔^Á}~ã^Á↔↔^ÁRá↔↔^æÁá^ääÑæá|\↔↔^→ÁUá{↔↔~ãÁ
 Q|\âæää^ÁŌá|ã'áÊÁáá\æääRá]ÁĬÁ FĬ†Ĭ ÊÁbæ' ~^ää*á&æÁ Ç*á&æbÁ|^|^†âæãæĐÊÁ

Ğ Ĩ ~ää→ÁŌ↔↔b\~ã]ÊÁ Şáb\~ãÁŞá|→ÁŌá^↔æÊÁÑæá|\↔↔^→ÈÁ Uá{↔↔~ãÁQ|\âæää^Á
 Ōá|ã'áÊÁŞ~ã\→á^ääÊÁRá↔↔^æÊÁN|&|b\ÁF† ÊÁFĬ†Ĭ ÊÁ*ÊÁ FÊÁ

H^e äâ↔↔æÈÊÁ*ÊÁ HÊÁ HFFâ↔↔æÈÊÁ *ÊÁ HÊÁ

Ŗ~ã\→á^ääĚ Ō~ãã↑|^↔|Ĵ~àĀ\âĀĀQ↔{↔^&ĀŖãæbæ^æĀ ÇNQOĀR↔bb↔~^DĀ

ÚâĀŖŖ~ã\→á^ää*æ^↔^b|→áĀ}â↔^âĀââĀĀâæ^Ā\âĀ^ääâ→Ā~àĀQ|\âæãá^↔b↑Ā
 ↔^Āb~|\âæã^ĀRá↔^æĒĀâáää^~ĀQ|\âæãá^Ā*âæbæ^æĀ→æà\Āâ|ĀFĪĪFĀ}âæ^Ā\âĀ→áb\Ā
 ~àĀ↔\bĀ\âãæĀQ|\âæãá^Ā'~^&ãæ&á\↔~^bĀâáääĀãæ→~'á\æãĀ\~Ā\âĀ~|\b↔ã\bĀ~àĀ
 \~}^ĒĀ ÚâĀŌ~ãã↑|^↔|Ĵ~àĀ\âĀĀQ↔{↔^&ĀŖãæbæ^æĀ↔bĀ↔^Āâ↔ãæ'\Āãæb*~^bĀĀ\~Ā
 \â↔bĀ*æã'æ↔{æãĀ^æ&→æ'\Ā~àĀ\âĀĀ↑~b\Āâæá{↔}Ĵ*~*|→á\æãĀbæ'\↔~^Ā~àĀ\âĀ
 '↔|ĴĀ \âĀ}æb\Āæ^âĒĀ ∅\bĀ*áb\~ãĒĀ\âĀĀæ{æãæ^âĀŌáã~→æĀŪ↔\bĒĀ↔bĀáĀà~ã↑æãĀ
 R↔bb~|ã↔ĀU|^~ää↑æ↑âæãĒĒ ĞĀ á^ääĀã↔^&bĀ}↔\âĀâæãĀ↔^æãĒ'↔|Ĵæ[~æã↔æ^æĀâã~↑Ā
 Ğæ\ã↔↔ĒĀáĀ↑áb\æĀCbĀĀæ&ãæĀĀ↔^ĀŌæã~^~↔~&]ĒĀá^ääĀĀ{ãã↔æ|Ĵ~àĀ→ãã&Ā
 CCĀá^â↔^á**æãĀĀ*|**æ\bĀ\~Ā'~^{\æ}Ē\âĀ↑æbbá&æĀ\âá\ĀŌ~ãĀ'á^Ā|bĀĀ|bĀábĀ}æĀ
 áãæĒĒ ĞĀ ÚâĀŌ~↑^|^↔|ĴâábĀ^~Ā}~ãbâ↔*Ābæã{↔^æbĀábĀ}æ\ĒĀ

Ŗ~ã\→á^ääĚ Ō↔ãb\ĀQ|\âæãá^ĀŌá|ã'âĀ ÇNQODĀ

Š|\b↔æĀ~àĀŌ|b\áàĀNã~→*âĀ↔^ĀSæ}ĀU}æãæ^ĒĀ Ō↔ãb\ĀQ|\âæãá^Ā↔bĀ\âĀ
 ~→ãæb\Āá'\↔{æĀQ|\âæãá^Ā'~^&ãæ&á\↔~^Ā↔^ĀRá↔^æĒĀ NbĀ\âĀ↑↔ãã\↔~^Ā~àĀ
 ^~ã\âæã^ĀŌ|ã~*æá^bĀ\~ĀN↑æã↔^áĀ'á↑æĀ↔^~Āà|→Āb}↔^&ĒĀã|ã↔^&Ā\âĀ↑↔ãã→æĀ\~Ā
 →á\æĀ^↔^æ\ææ^âĀ'æ^|\ã]ĒĀ↔^Ā↔bĀ^~\Āb|ã*ã↔bĀ^&Ā\âá\Āâ|ĀFĪĪHĀ\âĀ'~^&ãæĒ
 &á\↔~^ĀâáääĀâææ^Ā~|^ãæãĒĀ Ō↔ãb\ĀâábĀáĀ{æã]Āã↔b\↔^&|↔bãæãĀã↔b\~ã]ĒĀ Ū^ãæãĀ
 \âĀĀá'\↔{æĀ→æããæãbã↔*Ā~àĀŖáb\~ãĀPEĀ ŠĀĒĀ\~ã↔ĒĀ↔^Ā\âĀFĪĪCbĒĀ\âĀQ|\âæãá^Ā
 'á|ã'âæbĀ↔^ĀŪæb\âã~~Ā ÇŪã↔^↔|DĒĀ Ōá→↑~|\âĀ ÇŌ|↑á|bDĒĀá^ääĀNæã↔^Ā ÇŪã↔^↔|DĒĀ
 Sæ}ĀŌá↑*bã↔ãæĒĀ}æãæĀâæ&^ĒĀ ÚâĀĀ~^ããĀUá↔^ĀN^b&ããĀá^ääŌ^↑á^|æ→Ā
 Q|\âæãá^ĀŌá|ã'âæbĀ Ç↑æã&æãĀ↔^~ĀUá↔^ĀN^b&ããĀ↔^ĀFĪĪHDĀ}æãæĀá→b~Āb\áã\æãĀ
 â]Ā↑æ↑âæãbĀ~àĀŌ↔ãb\ĀQ|\âæãá^ĀábĀ}æ→ĀábĀ\âĀU'á^ää^á{↔^ĀĀNæ\â→æãæ↑ĀŌá|ã'âĀ

^{HG} F^æã{↔æ}Ā~àĀŖáb\~ãĀŪ↔\bĒĀŌá^|áã]ĀFFĒĀFĪHĪĀ

^H ĞŖ~ã\→á^ääŌ{æ^↔^&ĀŌ[~ãæbbĒĀ Ğæ'æ↑âæãĀ ĞĪĒĀFĪĪĒĒĒĒĒ∅\CbĀŌáb]Ā\~ĀŌ↔æĀĀ
 Ŗ~{æã\]ĒĒĀĀ

FEHÁ

U' á^ ä ↔ á { ↔ áÄD^H ÍÁ áääÁ ↔ \bÁâæ & ↔ ^ ↔ ^ & Á ↔ Á F Î Î H Á } áæ^ Á ↔ ^ ↑ & áá \ bÁ àä ~ ↑ ÁU } æää^ Á
 á^ äÁÆæ^ ↑ áä ~ Áæb \ áâ ↔ bääÁ \ áæ ↔ äÁäæb * æ' \ ↔ { æÁ' ~ ^ & äæ&á \ ↔ ~ ^ bÁ ↔ Á § ~ ä \ → á^ äÊÁ
 Ó^ ↑ á^ | æ~ Á Q | \ áæää^ Á } ábÁ \ áæÁU } æä ↔ bÁÁ' ~ ^ & äæ&á \ ↔ ~ ^ Á á^ äÁUá ↔ ^ \ ÁN^ b & áääÁ \ áæÁ
 Çé^ ↔ bääÊÁ Ø^ Á F Î Î H É Á áà \ æää' ~ ^ b ↔ äæääá → æÁääáá \ æÊÁ \ áæbæÁ' ~ ^ & äæ&á \ ↔ ~ ^ bÁää' ↔ äæää
 \ ~ Á^ ↑ æä&æÁ & ↔ { æ^ Á \ áæÁ à ↔ ^ á^' ↔ á~ Á â | ääæ^ bÁ ~ à Áæá' áÊÁ ÚáæÁ' ~ ^ & äæ&á \ ↔ ~ ^ Á \ áæ^ Á' ~ ^ Ê
 \ ↔ ^ | æää \ ~ Á } ~ äbâ ↔ * Áá \ Á Ó | ↑ á^ | æ~ Á Ç b ↔ ^ ' æÁ ↔ \ Á á á ä Á Á → áä & äääÁæä ↔ ä ↔ æDÁ } á ↔ æÁ
 ' á ↔ ^ & Á ↔ \ bæ → äÁÄUá ↔ ^ \ ÁN^ b & áääÁ ↔ ^ Á äæàæææ' æÁ \ ~ Á \ áæÁÇé^ æbÊ^H ÍÁ N * * áääæ^ \ → ÊÁ
 \ áæÁää' ↔ b ↔ ~ ^ ÁábÁ \ ~ Á } áá \ Á \ áæÁ à ↔ ^ á^ Á^ ↑ áæÁ } ~ | → äÁâæÁ } ábÁ → æà \ Á \ ~ ÁâæÁää' ↔ äæää
 à ~ → ~ } ↔ ^ & Á \ áæÁääæ ↔ á \ ↔ ~ ^ Á ~ à Á \ áæÁ^ æ } Á' á | ä' áÁâ | ↔ ä ↔ ^ & Á ↔ ^ Á Ö | ^ Á ~ à Á F Î Î H É Á
 Ö ↔ { æ^ Á \ áæÁá * * áääæ^ Á * æäb | áb ↔ { æ^ æbbÁ ~ à Á \ áæÁÇé^ æbÊÁ á ~ } æ { æääÁ \ áæÁ^ á^ ↑ áæ
 ÄUá ↔ ^ \ ÁN^ b & áääÁ } ábÁää \ á ↔ ^ æääÁ^ äÁ ↔ ^ Á \ áæÁ ~ * ↔ ^ ~ ^ Á ~ à Á § á b \ ~ ä Á Sæ | Á ↔ ^ * ~ bæbÁ á^ Á
 ↔ ^ áæää^ \ Á b | | ↑ á ~ ^ & Á â → ~ ^ Á \ ~ Á \ áæÁáâ ↔ ~ ^ \ | Á ~ à Á \ áæÁ' ~ ^ & äæ&á \ ↔ ~ ^ Á \ ~ Á á \ Á ä á' \ Á
 ↑ á^ ↑ áæääbÁ àä ~ ↑ Á ↔ \ bÁ^ ~ ^ Ê Q | \ áæää^ Á b | ää ~ | ^ ä ↔ ^ & bÊ^H ÍÁ Úá ↔ ^ \ ÁN^ b & áääÁ \ ~ äá | Á ↔ bÁ
 áÁâ → æ^ äÁ ~ à Á } áá \ Á ↔ bÁ áá * * æ^ ↔ ^ & Á ↔ ^ Á^ ~ äæÁá' \ ↔ { æÁæ \ á^' Á' ~ ^ & äæ&á \ ↔ ~ ^ bÊÁ^ á^ ↑ áæ → ÊÁ
 * æ ~ * → æÁ ~ à Á^ ~ ^ Ê Q | \ áæää^ Á áá' ↔ ~ ^ á ~ | ^ äÁ Çæ { æ^ Á b ~ | \ áæáb \ ÁN b ↔ á Áääæà | & ææbDÁ b ↔ \ \ ↔ ^ & Á
 á ~ ^ & b ↔ äæÁ ~ à Áæb \ áâ ↔ bääÁÇé^ ↔ bääÁ^ äÁU } æä ↔ bÁÁ à á^ ↑ ↔ æbÁ } á ~ bæÁá & æÁ^ á' æb b ↔ Ê
 \ á \ æbÁ \ áæ ↔ äÁää' äæáb ↔ ^ & Á ↔ ^ * ~ ä \ á^' æÁ ↔ ^ Á \ áæÁ { ~ ↔ ^ Á ~ à Á \ áæÁ' ~ ^ & äæ&á \ ↔ ~ ^ Ê U^{ŠÁ}
 Ø^ Á \ áæÁá ↔ b' | bb ↔ ~ ^ Á' ~ ^' æä^ ↔ ^ & Á ↔ äääææ' æbÁâæ \ } ææ^ Á \ áæÁ^ á ~ * ~ bæää
 Q | \ áæää^ Á^ ↑ áä & äääÁ^ äÁR ↔ bb ~ | ä ↔ ÁU } ^ ~ äÊÁ § á b \ ~ ä Á Sæ | Á^ ~ \ æää \ áá \ ÁÄ \ áæÁQONÁ * ~ b ↔ Ê
 \ ↔ ~ ^ Á áábÁâææ^ Á \ áæÁb' ä ↔ * | äæbÁ áääÁ \ áæÁ ↔ ^ b * ↔ äæääÛ ~ äää ~ à Á Ö ~ ä Ê Á á^ äÁ \ áæÁN QOÁ
 áábÁ á^ } á | bÁääæ → äÁ \ áæ \ Á áääæÁ ↔ ^ áá → ~ á → æÊÁÄ ØæÁ^ ~ \ æbÁ \ áá \ ÁÄ } æÁ^ æääÁ \ ~ ÁâæÁ

HÍ ~ äá → Á Ö ↔ b \ ~ ä | ÊÁ § á b \ ~ ä Á P ↔ ^' ↔ Á Sæ | ÊÁ U \ ÊÁ N^ b & áääÁ Q | \ áæää^ Á Ó á | ä' á ÊÁ
 § ~ ä \ → á^ á Á R á ↔ ^ æÊÁ Ö | →] Á G G É Á F Î Î H É Á * Ê Á Ç É Á

HÎ Á Ö | ↔ äæ * ~ b \ Á ~ à Á Ö á ↔ \ áääU \ ÊÁ N^ b & áääÁ Q | \ áæää^ Á Ó á | ä' á ÊÁ § ~ ä \ → á^ á ÊÁ R á ↔ ^ æÊÁ
 Pæ { æää^ á Á N → äääääÁ Ö á^ ÊÁ | ^ äá \ æääÁ Ç F Î Î H F D Á bæ' ~ ^ äÁ * á & æÁ Ç * á & æbÁ | ^ ^ | ↑ áæäää D É Á

HÎ ~ * Ê Á Ö ↔ \ Ê Ê Á § § Á F Á á^ ä Á Ç É Á Á € Ø á ↔ ä Ê Ê Á § Á H É Á

spending more time with our congregations on (the) Confessions. . . ."

and says that "the thing that pains a lot of us is the fact that Missouri Synod is not involved in the new church"51 On a closing note, it is interesting to see that despite Saint Ansgar's conservative roots it has been open to innovation. One of the most visible signs of this willingness is the fact that Pastor Neu is a physically disabled person.

Rockland - Nativity Lutheran Church (LCA)

Nativity Lutheran Church in the beautiful coastal Maine town of Rockland is another of the Lutheran "boom" years congregations and was founded under the leadership of Pastor Peter DeRouter in 1963. The congregation was formally recognized in March of 1964 and managed to barely hold its own through the pastorate of Ron Wisecarver until the arrival of the Reverend George Stadler in June of 1968. Pastor Stadler served the congregation for 18 years, retiring just this past January, and during that time the congregation has grown to the point where it no longer needs mission support dollars. The present church edifice has been the only worship site since the inception of the congregation. In 1963, on Thanksgiving Day, the congregation began worshiping in the then cattle barn located on High Street. Additions, renovations, and refinements have been made to the "barn" over the years, but no attempt has been made to move to a different location.⁵² Recognizing Pastor

⁵¹Ibid., p. 4.

⁵²Interview with George Stadler, August 16, 1986

U\áä→æǎCbÁá´´~↑*→bá↑æ^\bÊÁ áÁ à~ǎ↑æǎÁ↑æ↑âæǎÁbá↔ǎÊÁ ÄÖæCbÁ&~ǎÁá\Áǎǎ↔b↔^&Á
 ↑~^æ]ÈÈ[†] ĜÁ ØÁá→b~Á←~}Áǎ↔↑Á\~ÁâæÁáÁ↑á^Á}á~Á↔bÁǎæ{~|\Áá^ǎÁá↔&á→}Á {↔b↔â→æÁ
 áâ~|\Áá↔bÁǎǎ↔\áÈÁ NbÁ~ǎÁs~{æ↑âæǎÁFÏÎJÊ\áæÁ´´~^&ǎæ&á\↔~^ÁáábÁâææ^Ábæǎ{æǎÁ
 â}Á\áæÁbæ{æǎæ^ǎÁb~âæǎ\ÁÖ|b\áàb~^ÈÁ NÁ*~\æ^\↔á→Áb|\↑â→^&Áâ→´´←Á\~Áá↔bÁ
 æàâæ´\↔{æÁ↑↔^↔b\ǎ}Á↔^Áb~´´↔á^ǎÁ↑á}ÁâæÁá↔bÁ´´~↑*æ^bá\↔~^Á*á´´←á&æÊÁábÁŞáb\~ǎÁ
 U\áä→æǎÁ\á↔^←bÁ\áæÁ´´~^&ǎæ&á\↔~^Á}~^C\ÁâæÁáâ→æÁ\~Ááàà~ǎǎÁá↔↑ÈÁ

U~|\áÁŞáǎ↔bÁÈ Ûǎ↔^↔\]ÁQ|\áæǎá^ÁOá|ǎ´áÁÇQONDÁ

Ûǎ↔^↔\]Á}ábÁà~|\^ǎæǎÁâ}Á↔^↑↔&ǎá^\bÁ àǎ~↑ÁÖ↔^→á^ǎÁ↔^ÁFÏFGÁá^ǎÁ↓↔^æǎÁ
 \áæÁU|\~↑↔ÁU|^~ǎÁ↔^↑æǎ↔á\æ→}Á\áæǎæáà\æǎÈÁ ÛáæÁ*ǎæbæ^\Á´á|ǎ´áÁâ|\↔ǎ↔^&Á}ábÁ
 äæǎ↔´á\æǎÁ↔^ÁFÏGÍÁá^ǎÁ\áæ^Á↑~{æǎÁ\~Á↔\bÁ*ǎæbæ^\Á→~´á\↔~^Á↔^ÁFÏI ∈ÈÁ Ø^È
 \æǎæb\↔^&→]ÈÁ áÁ*ǎL*æǎ\]Á}ábÁá\Á\áá\Á\↔↑æÁ~ààæǎæǎÁ\~Á\áæÁ´´~^&ǎæ&á\↔~^Á
 àǎææÁ~àÁ´ááǎ&æÁ~^æÈáá→ǎÁ↑↔æÁà|ǎ\áæǎÁ↔^~Á\~}^ÈÁ â|\Á\áæÁ´´~b\Á~àÁ↑~{↔^&Á
 \áæÁæǎ↔à↔´æÁ}~|→ǎÁáá{æÁâææ^Á\}↔´æÁábÁ↑|´áÁá^ǎÁb~Á\áæÁ´´~^&ǎæ&á\↔~^Áæ´↔æǎǎÁ
 á&á↔^b\Á↔\È[†] HÁ Û↔\áÁ*ǎæbæ^\Áǎǎ}Áæ↑*ááb↔bÁ~^Á→~´á\↔~^ÁábÁáÁ↑á↓~ǎǎáá´´\~ǎÁ
 ↔^Á´á|ǎ´áÁ&ǎ~}\áÈÁ~^æÁ´á^C\Ááæ→*Áâ|\Á}~^ǎæǎÁǎ}áá\Á↔àLÁÁ Û^\↔^ÁFÏÍÁ\áæǎæÁ
 }ábÁáÁbæ´´~ǎÁU|\~↑↔^´´~^&ǎæ&á\↔~^Á→~´á\æǎÁFGÁ↑↔æbÁá}á}Á↔^Á\áæÁ\~}^Á~àÁ
 Òáǎǎ↔b~^ÈÁ Òǎ~↑ÁFÏÍJÁ\~ÁFÏÍÎÁ\á↔bÁ´´~^&ǎæ&á\↔~^Á~^}ÁáááÁbæǎ{↔´æbÁ↔^Á\áæÁ
 b|\↑^æǎÁá^ǎÁâ}Á\áæÁæ^ǎÁ~àÁFÏÍÎÁáááÁà|→}Áá↑á→&á↑á\æǎÁ\áÁ Ûǎ↔^↔\]ÈÁ U~|\áÁ
 Şáǎ↔bÈ[†] IÁ ÛáæÁbæ{æǎæ^ǎÁŞá↔↔*ÁÖ|\↔&ǎæ^ÈÁ áǎǎ↔{æǎÁ↔^ÁÖ|→}Á~àÁFÏÎHÉÁ á^ǎÁ
 }ábÁ↔^Á\æǎæb\æǎÁ↔^Áâæ&↔^↔^&Á\áæÁà↔ǎb\Áǎæá→Áæ{á^&æ→b↑Á*ǎ~&ǎá↑Á↔^Á\áæÁ
 ´á|ǎ´áCbÁá↔b\~ǎ]ÈÁ ÒæÁbá}Á\á↔bÁábÁ{æǎ}Á^æ´æbbáǎ}Á&↔{æ^Á\áæÁ´´~^&ǎæ&á\↔~^CbÁ

[†] Ĝ´´~^{\æǎbá\↔~^Á}\↔\áÁQ|ǎ↔áÁR´O→|ǎæÈÁ Ö|^æÁGJÊÁ FÏÎJÁ

^{†H} ǎ^\æǎ{\↔æ}Á~àÁŞáb\~ǎÁŞá↔↔^ÁÖ|\↔&ǎæ^ÈÁ N|&|b\ÁFÏÊÁ FÏÎJÁ

^{†I} ~ǎá→ÁÖ↔b\~ǎ]ÈÁ Şáb\~ǎÁŞá|→ÁN^ǎæǎb~^ÈÁ Ö|→}ÁGÍÊÁ FÏÎJÊÁ *ÈÁ[†] ÈÁ

ǎ~}æ{æǎÊÁ ãæ↑á↔^bÁ~* \↔↑↔b \↔^Á Ç↔bÁǎæá {↔↔}Á↔^ {↔~{æǎÁ↔^Á \ǎæÁU \~^↔ǎ~↔↑Á
 Ò↔b \~ǎ↔^á↔^ÁU \~↔æ \]ÊÁ }ǎ↔^ǎÁ↔bÁ áÁǎæ↔&ǎ \à |↔^Á ŠǎØFFFÛ^↔ \]Áǎæ*~b↔ \~ǎ \]Á à~ǎÁ↔ \↔↑bÁ
 ~àÁǎ↔b \~ǎ↔^á↔^Á }~ǎ \ǎDÁ á^ǎÁ \ǎæ \]Á }↔↔↔^Á âæÁbæǎ {æǎÁâ \]Á \ǎæÁbæ {æǎæ^ǎÁ Ò↔bæ↔æÁ
 Ñǎǎ^↔^&ǎá |bÁ Ç }↔ǎæÁ~àÁÛ~ǎǎÁRǎǎ↔^ǎ^Á }ǎ~Á }↔↔↔^Á âæÁ*áb \~ǎÁ↔^Á Sæ \]ÁU }æǎæ^DÈI ÎÁ
 RǎbÈÁ Ñǎǎ^↔^&ǎá |bÁ }↔↔↔^Á á↔b~Ábæǎ {æÁ Òá↔ \ǎÊÁ Oáǎ↔â~ |ÈÁ

Úǎ~↑áb \~^Á È Ò~↔ \]Á Úǎ↔^↔ \]Á Q | \ǎæǎá^Á Oá |ǎ^áÁ ÇUŠRØÐQONDÁ

Šǎæ↔↔↑↔^ǎǎ \]Á }~ǎ↔^ÈÁ ^~ \ \ǎ&æÁÑ↔â↔æÁb \ |ǎ↔æbÁ á^ǎÁb^ǎæǎ |↔æǎÁbæǎ {↔^æbÁ
 âæ&á^Áá↑~^&Á \ǎæÁ Ò↔^↔^↔bǎÁ*~* |↔ǎ \↔~^Á↔^Á \ǎæÁÚǎ~↑áb \~^ÁǎǎæáÁ Çb↔ \↔^Á~àÁ
 Rá↔^æCbÁ~^↔}Á↑á [↔↑ |↑Ábæ^ |ǎ↔ \]Á*ǎ↔b~^DÁ↔^Á FÏHÏÈÁ Ò~↔ \]Á Úǎ↔^↔ \]Á Q | \ǎæǎá^Á
 Oá |ǎ^áÁ }ábÁ^ǎǎ \ǎǎæǎÁ↔^Á FÏIGÁá^ǎÁ↑ǎǎ^ǎæǎÁbǎá↔↔ \]Á \~}ǎǎǎÁ↑ǎǎ&æǎÁ }↔ \ǎÁ \ǎæÁ
 Sæ \]Á Q | \ǎæǎá^Á Oá |ǎ^áÁ↔^Á N↑ǎǎ↔^ǎá↔^Á FÏ GÈÁ Çæb*↔ \ǎÁ*ǎ~ \↔b \ǎ \↔~^bÁâ \]Áb~↑ǎÁ
 ↑ǎ↑âæǎbÈÁ \ǎæÁ^~^&ǎæ&á \↔~^Á }ábÁá↑á↔&á↑á \ǎǎÁ }↔ \ǎÁ Sá \↔ \]Á Q | \ǎæǎá^Á Oá |ǎ^áÁ
 ~àÁb~^↔↔^ǎ^ǎÁ↔^Á FÏ GǎÁ^ǎÁ^ǎæbæǎÁábÁ áÁbæ*ǎǎá \ǎÁæ^ \↔ \]È U^É RǎbÈÁ Q |ǎ↔áÁ
 R^O |↔æÈÁ æ&ǎ \]Èb↔[Á]æǎǎbÁ~↔ǎÈÁ á^ǎÁáÁ^ǎǎ \ǎǎÁ↑ǎ↑âæǎÁ~àÁ Ò~↔ \]Á Úǎ↔^↔ \]ÈÁ
 ↔bÁ \ǎæÁ~↔ǎæb \]Á^ǎ \{æÁâ~ǎ^Á Q | \ǎæǎá^Á↔^Á \ǎæÁb \ǎ \ǎÈÁ ábÁ àǎǎÁábÁ ØÁ~^~}ÁÈ á^ǎÁ
 áÁ \ǎǎáb |ǎæÈ \ǎ~{æÁ~àÁ↔^ǎ~ǎ↑á \↔~^Ááâ~ | \]Á \ǎæÁæǎǎ→ \]Á \}æ^ \↔æ \ǎÁ^æ^ |ǎ \]Á↔^Á
 Rá↔^æÈÁ

Ùǎ→ǎ~â~ǎ~Á È ÚǎæÁŠ→ǎÁ Òæǎ↑á^Á Q | \ǎæǎá^Á Oá |ǎ^áÁ

N→ \ǎ~ |&ǎÁ \ǎ↔bÁ*ǎÁbæÁ~àÁ↑ \]Áǎæbæǎǎ^ǎÁ^~^æǎ^↔^&Á \ǎæÁǎ↔b \~ǎ \]Á~àÁ
 Rá↔^æÁǎ~æbÁ^~ \]Ábá \]Á^ǎ |ǎÁáâ~ | \]Á~ \ǎæǎÁ^~^&ǎæ&á \↔~^bÁ }ǎ↔^ǎÁá {æÁ^→~bæǎÁ
 b↔^æÁ \ǎæ↔ǎÁ↔^æ* \↔~^ÈÁ \ǎæÁŠ→ǎÁ Q | \ǎæǎá^Á Oá |ǎ^áÁ↔^Á Úǎ→ǎ~â~ǎ~Á↔bÁb~Á↑ |ǎ^áÁ

IÏ~ǎǎ→Á Ò↔b \~ǎ \]ÈÁ Úǎ↔^↔ \]Á Q | \ǎæǎá^Á Oá |ǎ^áÁ ÈÁ U \~^↔ǎ~↔↑ÈÁ Rá↔^æÈÁ Ò |↔Á GÏÈÁ
 FÏÏ U ÈÁ^ÈÁ bÈÁ

U↔F^ \ǎǎ {↔æ}Á~àÁ RǎbÈÁ Q |ǎ↔áÁ R^O |↔æÈÁ S~ {æ↑âæǎÁ FÈÈÁ FÏÏ U

older than any other Lutheran establishment in the state and so much better preserved to this day, that it warrants greater detail. Germans began migrating to the Waldoboro area under the leadership of General Waldo around 1740 and began to have irregular worship services at that time. The building for worship was constructed in 1772 and also served as the town meeting hall. By 1795, the building had been moved across the Medomak River during the winter to its present location, which is several hundred feet above sea level. The first minister of the Gospel was the Reverend Philip Gottfreed Kast, who arrived in 1742 but left shortly thereafter because he believed his agreement with General Waldo had not been lived up to on the latter's part.⁶¹ The first of the two great German pastors of Waldoboro was the Reverend Frederick Augustus Rudolphus Benedictus Ritz, who served from 1795 until his death in 1811. By the turn of the nineteenth century however, Lutheranism had already reached its peak in Waldoboro. The successor to Ritz was the Reverend John Wilhelm Starman, "the last of the Lutheran preachers in Waldoboro."⁶² The Reverend Stannan served the congregation faithfully until his death in 1854. The congregation had disbanded by 1860 and sought to all their religious and spiritual needs in the Congregational church.⁶³

⁶¹200th Anniversary Old Gennan Church and Meeting House, Waldoboro, Maine, 1772 to 1972, third page (pages unnumbered).

⁶²ibid., sixth page (pages unnumbered)

⁶³ibid., p. 6.

ÚáæÁb | ' ææ↔^&Á↔b \~ã]Á~àÁ \áæÁ *áb \~ãá \æÁá \ÁÚá \æã { ↔↔↔æÁ↔bÁ
 b~↑æ}áá \Áàã~ | &á \Á} ↔ \áÁ↔àà↔ ' | → \]ÁábÁ \áæÁæ { æãæ^áÁÕ~á^ÁQæb' ~ } Áãæ↔&^æáÁ
 àã~↑Á \áæÁ↑↔^↔b \ã]Á↔^ÁŠ' \~âæãÁ~àÁFĪĪÁá^áÁ \áæÁæ { æãæ^áÁÚáæ~ã~ãæÁÓ { æã \bæ^Á
 ãæ↔&^æáÁàã~↑Á \áæÁ' ~^&ãæ&á \↔~^Á↔^ÁÓ | ^æÁ~àÁFĪĪ Ī ÈÁ Şáb \~ãÁÓ { æã \bæ^Á
 á \ \ã↔â | \æbÁ↑ | ' áÁ~àÁ \áæÁ↔àà↔ ' | → \]Á↔^Á \áæÁ' ~^&ãæ&á \↔~^Á \~ÁÁáÁ&ã~ } ↔^&Á
 bæ*ááá \↔~^Á↔^Á \æã↑bÁ~àÁ \áæÁ *ã↔~ã↔ \↔æbÁ Ç~àÁ \áæÁ' ~^&ãæ&á \↔~^Á DÁâæ \} ææ^Á
 *áb \~ãÁá^áÁ↑æ↑âæãbÈÁÁ ÒæÁ' ~^ \↔^ | æbÁÁÚáæ]Á} æãæÁ↑~ãæÁ' ~^' æã^æáÁáã~ | \Á \áæ↔ãÁ
 ~} ^Á↔^ \æã^á~Á^ææbÁ Ç} á↔↔æDÁ ØÁbá } Ág g g Á \áæÁ *ã↔~ã↔ \↔æbÁ Ç~àDÁ \áæÁ↑↔bb↔~^Á
 ~àÁ \áæÁ' á | ã' áÈÁ^W HÁ ÚáÁÁ' ~^&ãæ&á \↔~^Á↑æ↑âæãbÁ~^Á \áæÁ~ \áæãÁáá^áÈÁ bææÁ \áæÁ
 b↔ | á \↔~^ÁáÁâ↔ \Á↔ààæãæ^ \rightarrow] Áá^áÁæ [*ãæbbæãÁ \áæ↑bæ \{ æbÁ *~b↔ \↔ { æ→] Á} ↔ \áÁ
 ãæ&áááÁ \~Á *æãb~^á ↔ \↔æbÁá^áÁ~* \↔↑↔b \↔^ Ááã~ | \Á \áæÁ à | \ãæÈ^W IÁ Sæ { æã \áæ↔æbbÁ
 \áæÁ' ~^&ãæ&á \↔~^Áãæ↑á↔^bÁ~^Á↑↔bb↔~^Áb \á | bÈÁ

Ø \Á↔bÁ ↔^ \æãæb \↔^&Á \~Á~ \æÁ \áá \Á \áæÁ à~ã↑æãÁŪ↔' áãÁ↔^ÁÚá \æã { ↔↔↔æÁá^áÁ
 á↔bÁ} ↔æÈÁ ÇÚá] ^æÁá^áÁÓ↔↔æ^æÁU' á} á^←æDÁ } æãæÁâ~ \áÁá' \↔ { æÁ↔^ÁáæáàÁ↑↔^↔b \ã] Á
 \áá^←bÁ \~Á \áæ↔ãÁ↔^b \ã | ' \↔~^Á | ^áæãÁ \áæÁæ { æãæ^áÁÇãÈÁ Òæ~ã&æÁPáá | bÈÁ à~ã↑æã→] Á
 ~àÁææææ↑æãÁQ | \áæãá^Á~àÁÓá *æÁÓ↔~^ áâæ \áÈÁ } á~Á↔bÁ áÁ↑á↓~ãÁ↑~ \↔ { á \↔^&Ááá' \~ãÁ
 ↔^ÁáæáàÁ↑↔^↔b \ã] Á↔^Á \áæÁR↔bb~ | ã↔^ÁU] ^~ãÈÁ ÚáæÁãæb | → \ÁáábÁâææ^Á' ~^ \↔^ | æãÁ
 b↔&^æáÁbæã { ↔^ æbÁb↔^' æÁ \áæÁU' á} á^←æCbÁ äæ*áã \ | ãæÁ↔^ÁS~ { æ↑âæãÁ~àÁFĪĪ^W ÈÁ ØÁ
 bæã { æÁábÁ \áæÁ { á' á' } Á *áb \~ãÁá^áÁáá { æÁáb↔b \æãÁ↔^Á \} ~ÁÓá→Á *ã~' æbbæbÁ \~Á
 äá \æÈÁ

^W H~ãá→Á↔↔b \~ã] ÈÁ Şáb \~ãÁÚáæ~ã~ãæÁÓ { æã \bæ^ÈÁÚá \æã { ↔↔↔æÈÁRá↔^æÈÁ
 Õ | →] Á Ī ÈÁFĪĪĪÈÁ *ÈÁ Ī ÈÁ

^W I ~ãá→Á↔↔b \~ã] ÈÁ Q | \áæãá^ÁÓá | ã' áÁ~àÁ \áæÁæb | ããæ' \↔~^ÈÁÚá \æã { ↔↔↔æÈÁ
 Rá↔^æÈÁ Õ | →] ÁFĪÈÁ FĪĪĪÈÁ *ÈÁ HÈ Ī ÈÁ

FFĜÁ

Ĉá^↔báÁ' ~^&ãæ&á\↔~^bÁ \æ^äæäÁ \~ÁâæÁ {æã]Á*↔æ\↔b\↔'ÊÁ æ {æ^Á \~Á \áæÁ*~↔^ \Á
 ~àÁ' ááb\↔b↔^&Á]~ | ^&Á*æ~*→æÁ à~ãÁ&~↔^&Á \~ÁáÁ*ã~↑Áá^äÁ*ã~á↔â↔\↔~^bÁ
 á&á↔^b\Áb↑~↔^&ÊÁ äã↔^↔^&ÊÁ á^äÁb~Á à~ã \áÊÁ ÚáæÁ*ãæbæ^ \Á'↔↑á \æÁ↔bÁ
 b|âb\á^ \↔á→]Áä↔ààæãæ^ \Áá^äÁ↔^' → |äæbÁ }ææ↔]Á' ~ààææÁã~ |ãbÁ à~→~ }↔^&Á
 bæã {↔' æbÊÁ }áæãæÁ \áæãæÁááäÁâææ^Á^~^æÊÁ 'á |ã' áÁ↑ææ\↔^&bÁ↔^Á \áæÁbá^' \ |áã]Á
 \~Áãæä |'æÁ \áæÁáã& |↔^&ÊÁ á^äÁá^Á↔^' äæáb↔^&Áá' 'æ* \á^'æÁ~àÁ^~^ÊĈá^↔báÁ
 æ~→æÁ↔^ \~Á \áæÁ' ~^&ãæ&á\↔~^ÊŪĬÁ

ŬĬ~ãá→ÁÔ↔b\~ã]ÊÁ Ĥæ {æãæ^äÁN→ÁŊáã^æbÊÁ Úã↔^↔\]ÁQ | \áæãá^ÁOá |ã' áÊÁ
 Ûæb\áã~↔~ÊÁ Rá↔^æÊÁ Ô |→]ÁĜFÊÁ FĬĬŊÊÁ **ÊÁ ĜEHEÁ

APPENDIX F

CONGREGATIONAL INTERVIEW QUESTIONS

This process is designed to encourage a conversation among members of long standing concerning the formation, growth and subsequent development of the local congregation, its impact upon the surrounding community, and its adherence to the assumed Scriptural and confessional statements contained in its constitution. As a way of making a typed transcript of this oral history possible, each participant will be asked initially to identify himself/herself on tape as well as to repeat their name each time they make a comment during the course of this conversation. I thank you for the opportunity to be here among you and pray the Lord will bless our efforts together!

- 1) Date, Time and Location of interview; name of interviewer
- 2) Personal identification of members present
- 3) In your estimation, how would a non-Lutheran resident of your community describe your congregation? Why?
- 4) How would you describe your congregation's goals? Are these goals being met? Why or why not?
- 5) What personal experience in the congregation is most memorable to you?
- 6) What are the greatest historical events in the life of your congregation?
- 7) What is your congregation's position on the importance of Scriptural and confessional principles? Do you agree with this position? Why?
- 8) Are you proud of your congregation? Why?
- 9) How does your congregation best promote the great commission of our Lord and Savior Jesus Christ to "Go and make disciples of all nations?"
- 10) Is there room for Lutheranism in Maine? Why do Lutherans comprise such a small percentage of Maine Christians?
- 11) How should confessional Lutheranism be furthered in Maine, if at all? Why?

FGDÁ NãæÁ\ãæãæÁá^]Á~\ãæãÁ´~^^^æ^\bÁ]~|Á}~|→äÁ××æÁ\~Á↑á←æÁ´~^´æã^↔^&Á
Q|\ãæãá^↔b↑Á↔^Á]~|ãÁ´~ãã↑|^↔\]Á~ãÁ↔^Á\ãæÁU\á\æÁ~àÁRá↔^æLÁ

FĎDÁ Ûää\Á↔bÁ]~|ãÁ~*↔^↔~^Á~àÁ\á↔bÁ*ã´æbbÁ~àÁá↔b\~ã↔´á→Áá^äÁ*æãb~^á→Á
↔^@|\↔ã]LÁ Õ~}Á↑↔&á\Á↔\ÁáæÁb\ãæ^&\áæ^æãLÁ

ÚÒNSPÁWŠŮÁNSĚÁÖŠĚÁÑQÓUUÁWŠŮÍÁ ŠSÓÁNSĚÁNQQÁÁ

FFĪÁ

GIĜĒĪĖĜÁ

Nā^&~āÁ

Þæäæ↑æāÁQ|\åæā^ÁOå|ã´áÁÇO~^|\↔|æäDÁ
 ĪĒÁ Ş~ã\→á^āÁŞâæbbÁŌæāá→äĒÁ GDFĪDŪĪÁ
 ĪĒÁ Ğæä↔´á\↔~^ĀÑ|→æ\↔^ĒÁ ĪDFDŪĪÁ
 ĪĒÁ Ş~ã\→á^āÁŞâæbbÁŌæāá→äĒÁ ĪDĪDŪĪÁ
 ĪĒÁ Ş~ã\→á^āÁŞâæbbÁŌæāá→äĒÁ FFDFĪDŪĪÁ
 ĪĒÁ Ş~ã\→á^āÁŞâæbbÁŌæāá→äĒÁ FÐGŪDŪĪÁ
 FĒĒÁ Þæäæ↑æāÁŌ^à~ã↑á\↔~^ÁUáææ\ĒÁ FĪĪĪÁ
 FFĒÁ ŌĒĪĪĪÁŌ^|æā{↔æ}ÁUáææ\ĒÁ Şáá→ÁŌ↔b\~ã]ĒÁ á^āÁ
 Úáá^b´ã↔*ĒÁ ĪDĜĪDĪĪÁ
 FGĒÁ QONÁŪ~ã→äÁUæā↔æbÁÁŌ|ã~*æĒÁÁ FFĎĪĪÁ
 FGĒÁ Sæ|b↔æ\æāĒÁ Ōæāā|áā]Á FĪĪĪÁ
 FHĒÁ ĜĪ\áĀN^↔{æābāā]Ā~àÁŌ↔āb\ÁUæā{↔´æĀ
 Ū|→æ\↔^ĒÁ GDFĪDĪĪÁ

GIĜĒĪĖĤÁ

Nã|^b}↔´←Á

Ō~ãÁUáæ*áæāÁQ|\åæā^ÁOå|ã´áÁ
 FĒĒÁ Ō~^b\↔|\↔~^Á Ç|^āā\æäDÁ
 ĜĒÁ FĪĪNĀÑ|ã&æ\Á
 ĜĒÁ ŌĒĪĪĪÁŌ^|æā{↔æ}ÁUáææ\Áá^āÁŞáá→ÁŌ↔b\~ã]Á
 Ç↔´á|ã↔æ→æDÁ ĪDĜĪDĪĪÁ

GIĜĒĪĖĪÁ

Oá*æÁŌ↔~āâæ\áÁ

Þæäæ↑æāÁQ|\åæā^ÁOå|ã´áÁ
 FĒĒÁ Ō~ãæb*~^āæ^´æĀ à↔æĒÁ FĪNĒFĪĪĪÁ
 ĜĒÁ Ōå|ã´áÁ↑↔^|\æbÁá^āÁá&æ^āábĒÁ FĪNGĒFĪĪĪÁ
 ĜĒÁ Ōå|ã´áÁâ|ã&æ\æĒÁ FĪNGĒFĪĪĪ Á
 HĒÁ Ī\áĀN^↔{æābāā]ĀŌ↔b\~ã]Á Ç|^āā\æāĒĜDŪĪĪDÁ
 ĪĒÁ Ş~ã\→á^āÁŞâæbbÁŌæāá→äĒÁāā\↔~^ĒÁ ĪDFĜDŪĪÁ
 ĪĒÁ Ōã~|^āāæā↔~^ĀÑ|→æ\↔^ĒÁ ĪDFDŪĪĪÁ
 ĪĒÁ Ş~ã\→á^āÁŞâæbbÁŌæāá→äĒÁāā\↔~^ĒÁ ĪDFDŪĪĪÁ
 ĪĒÁ ŌŌ~ÁŪ↔\áÁŌåā↔b\ĒÁ Ōã~}ÁŪ↔\áÁŌåā↔b\ĒÁ
 ā~↔~↔æ\ĒÁ FĪĪĪÁ
 ĪĒÁ Ş~ã\→á^āÁŞâæbbÁŌæāá→äĒÁ GDFĪDŪĪĪÁ
 FĒĒÁ Ğæä↔´á\↔~^ĀÑ|→æ\↔^ĒÁ ĪDFDŪĪĪÁ
 FFĒÁ Ş~ã\→á^āÁŞâæbbÁŌæāá→äĒÁ ĪDĪDŪĪĪÁ
 FGĒÁ Ş~ã\→á^āÁŞâæbbÁŌæāá→äĒÁ FFDFĪDŪĪĪÁ
 FGĒÁ Ş~ã\→á^āÁŞâæbbÁŌæāá→äĒÁ FÐGŪDŪĪĪÁ
 FHĒÁ Þæäæ↑æāÁŌ^à~ã↑á\↔~^ÁUáææ\ĒÁ FĪĪĪÁ
 FĪĒÁ Şáá→ÁŌ↔b\~ã]Á á^āÁÚáá^b´ã↔*ĒÁ ĪDFĒDĪĪÁ
 FŪĒÁ Ō↔*~↔~^Āā↔æĀ FĪĪĪĪÁ
 FĪĒÁ QŌĒRUÁŞ*æ^ÁŌ~|bæĀÞæ&↔~^bÁá^āÁŌ~ãã↔´á\~ãbÁ
 ĞĀ *á&æbDÁ FFÐGĪDĪĪÁ
 FĪĒÁ Ōãæá\æāÁŞ~ã\→á^āÁŌ{á^&æ↔~^á→ÁR↔^↔b\æābÁ
 Ōæ→~}bã↔*Ā ĞĀ *á&æbDÁ ĜDĜĪĪÁ
 FĪĒÁ Ō↔b\~ã↔´á→ÁQæ\æāĀ]ã↔\æ^ĀĀ]Á à↔āb\Á*áb\~ãĒÁ
 Ōāá^←ĀÑ|^ĒÁ ĜDĪDĪĪÁ

GIĜĒĪĖNÁ

Oāã↔ã~|Á

Ōã↔\áÁQ|\åæā^ÁOå|ã´áÁ
 FĒĒÁ Ş~b\Á´áāĀ~ā\æĀ`á|ã´áĒÁ FĪĪĜÁ
 ĜĒÁ Ōã↔\áĀāã~`á|ãĒÁ Ç|^āā\æāĒFĪĪĜDÁ
 ĜĒÁ Ōã↔\áĀN^↔|á→ÁRææ\↔^&ĒÁ ĜDĜĪĪÁ
 HĒÁ Ōã↔\áĀŌ~^b\↔|\↔~^ĒÁ æāàæ`↔{æĀĜDĪĪÁ
 ĪĒÁ Şáá→ÁŌ↔b\~ã]ĒÁ Úáá^b´ã↔*\ĒÁ á^āÁŌ^|æā{↔æ}Á
 Úáææ\ĒÁ ĪDĜĪDĪĪÁ

FGĖÁ

GIGĖĪFGÁ Sæ}ÁU}ææ^Á

Ö|b\áàÁNä~*áÁQ|\ææá^ÁOá|ã'áÁÇ'~^|\æDÁ
 IĖĀ N~<~<~<æ\ĖĀ ĀÖ|b\áàÁNä~*áÁO{á^&æ~<~<á^Ā
 Q|\ææá^ÁOá|ã'áÁFĖĖ\áAN^<~<æbáã]ÁFĪFĖFĪFĪFĀĀ
 IĖĖĀ Ş~b\Á'áãĀ~àĀ\æĀ'á|ã'áĖĀ FĪĪGĀ
 IĖĀ Nã~'á|ãĖĖĀ CCŪæ~'~†æĀ\~ĀÖ|b\áàÁNä~*áÁ
 Q|\ææá^ÁOá|ã'áĀÇ|^áá\æĖFĪĪGLDĀ
 IĖĖĀ Ėæã'\~ã]ĖĀ FĪĪGĀ
 IĖĀ N~<~<~<æ\ĖĀ ĀS~ã\ææ^ÁRá<~<æĀQ|\ææá^ÁŞãã<~<bĖĖĀĀ
 FĪĪHĀ
 FĖĖĀ N^^|á^ĀRææ\<~<ĖĖĀ FĪĪĀ
 FFĖĀ O~ãĖb*~^ãæ^æĀ àã~†ĀRĕbĖĖĀ Ø~æ^æĀR<~<ãæ~>ĖĀ
 à~^ãæĀŞáb\~ãCbĀ}<~<æĖĖĀ ĪDFĖĪNĀ
 FGĖĀ R<~<ăb\††æĀĖĖĀ]ÁŞã~&áĀ†ĖĖĀ ĪDGGĖĪNĀ
 FGĖĀ N|>~<æ\<~<ĖĖĀ ĪDGĪĖĪNĀ
 FHĖĀ ÖĖĪĪĪĀO~^&ãæ&á\<~<á^ĀØ^æĀ{<~<æ}ĖĖĀ Şãá^Ā
 Ö<~<b\~ã]ĖĖĀ á^ãĀŪáá^b'ã<~<*ĖĖĀ ĪDGĪĖĪNĀ
 FIĖĀ O~^b\<~<|\<~<~Ā~àĀÖ|b\áàÁNä~*áÁÇ|^áá\æDĀ
 FIĖĖĀ Nã~'á|ãĖĖĀ CCŪæ~'~†æĀ\~Ā\æĀS~ã\ææ^ÁRá<~<æĀ
 Q|\ææá^ÁŞãã<~<bĀĀÇ|^áá\æDĀ
 FĪĖĖĀ CCŪæ~'~†æĀ\~ĀSæ}ÁU}ææ^CCĀĀã~'á|ãĖĖĀÇ|^áá\æDĀ

GIGĖĪFGĀ S~ã\áĀŪ<~<ááá†Á

Ōá<~<|\áÁQ|\ææá^ÁOá|ã'áÁ
 FĖĖĀ Ōá<~<|\áÁO~^b\<~<|\<~<~ĀÇ|^áá\æĖFĪĪGLDĀ
 ĖĖĀ N^^|á^ĀFæ*~ã\ĖĖĀ FĪĪĀ
 ĖĖĀ Qæ\æĀĀàãá^ĀÖ~á^ĀÖ~ã^ĀÇ<~<æ<~<†Ā*áb\~ãDĀ
 ĖĖĖĀ ĪDGĪĖĪNĀ
 HEĀ ÖĖĪĪĪĀØ^æĀ{<~<æ}ĀUăææ\ĖĖĀ Şãá^ĀÖ<~<b\~ã]Áá^ãĀ
 Ūáá^b'ã<~<*ĖĖĀ ĪDFĖĪNĀ

GIGĖĪFHĀ Ş~ã\~>á^ãĀ

Ñæá|\<~<à|\>ĀUá{<~<~ãĀQ|\ææá^ÁOá|ã'áÁ
 FĖĖĀ N|>~<æ\<~<Āæ^<~<~<æĀĀNĀÖ<~<b\~ã]Á~àĀŪŌQUĀR<~<b<~<~Ā
 Ū~ã<~<Ā<~<ĀRá<~<æĀá^ãĀÑæá|\<~<à|\>ĀUá{<~<~ãĀQ|\ææá^Á
 Oá|ã'áĖĖĀĀĪDĪĪĪĀ
 ĖĖĖĀ Uæă{<~<æĀ~àĀĖæ<~<á\<~<~ĖĖĀ ĪDĪĪĪĀ
 ĖĖĖĀ O~^&ãæ&á\<~<á^ĀU|ã{æ}ĖĖĀ ĪDĪNĀ
 HEĀ ÖĖĪĪĪĀØ^æĀ{<~<æ}ĀUăææ\ĖĖĀ Şãá^ĀÖ<~<b\~ã]Áá^ãĀ
 Ūáá^b'ã<~<*ĖĖĀ ĪDFĖĪNĀ

GIGĖĪFIĀ Ş~ã\~>á^ãĀ

O~^†|\<~<~<|\Ā~àĀ\æĀQ<~<~<ĖĖĀŞæbæ^æĀ
 FĖĖĀ ĀØ\CbĀŌáb]Ā\~ĀÖ<~<æĀŞ~{æă\]ĖĖĀŞ~ã\~>á^ãĖĖĀRá<~<æĖĖĀ
 Ō{æ^<~<ĖĖĀĀ[~ãæbbĖĖĀ FGĖĪĖĪNĀ
 ĖĖĖĀ Ø^æă{<~<æ}Ā~àĀŌáã~>æĀŪ<~<bĖĖĀ FĖFFĖĪĪĀ

GIGĖĪFWĀ Ş~ã\~>á^ãĀ

Ō<~<ăb\ĀQ|\ææá^ÁOá|ã'áÁ
 FĖĖĀ Ş~ã\~>á^ãĀŞăæbbĀŌæăă~ãĖĖĀĀ<~<ăb\ĀQ|\ææá^bĀ\~Ā
 N|>~<æĀOá|ã'áĀ~^ĀN|ã|ã^ĀU\ææ\ĖĖĀ Ş~ã\~>á^ãĖĖĀĀ
 ĖĖĖĀ ĖĖĖĀĪĖĖĀ *á&æĀ~>áĀ
 ĖĖĖĀ Ş~ã\~>á^ãĀŞăæbbĀŌæăă~ãĖĖĀĀÖ>†ĀU\ææ\ĀOá|ã'áĀ
 U~>ãĖĖĀ Şă~\~Ā~àĀŌ~^ãĖĖĀĀ<~<ăb\ĀQ|\ææá^ÁOá|ã'áĖĖĀ
 Ş~ã\~>á^ãĖĖĀ Qá\æĀŪbæĀĀábĀUá>{á\<~<~ĀN^^]Ā
 Oáá*æ~ĖĖĀĀ ĖDFĖĪNĖĖĀ *á&æĀFĖĀ

GIGÈÏFIJÁ §~ã\→á^ää

Ô→ãb\AQ|\åæää^ÁOå|ã'åÁÇO~^|\↔^|æäDÁ
 ĞEÁ §~ã\→á^ääŞãæbbÁÔæää→äEÁĀŞãæ*ääã\↔~^bÁ
 Óá{æÁÑææ^ÁÔ↔^á↔~æääà~ãÁ\åæÁOæ^æ^↔→Á
 ~àÁ\åæÁÔ→ãb\AQ|\åæää^ÁOå|ã'åÁ~àÁŞ~ã\→á^äEÁĀ
 ÎDGĖĐÍĤEÁ *á&æÁĜEÁ
 HEÁ Oæ^æ^↔→ÁÑ~↔→æ\ÊÁ FÎÍĤEĖFÎÍHÁ
 IEÁ §~ã\→á^ääŞãæbbÁÔæää→äEÁĀÔ→ãb\AQ|\åæää^Á
 Oå|ã'åÁÔ↔^ãbAQ↔{↔&ĀN' ~↑~ää\↔~^bÁÔ~ãÁ
 Ôá↑↔→]Á~àÁUæ{æ^ÁŪ↔æ^á↑æbæÁĖæà|&ææbEÁĀ
 ÎDFĐÍIEÁ *á&æÁFÎĪÁ ÎDGĖĐÍIEÁ *á&æÁFĖÁ FHÁ
 IĖEÁ §~ã\→á^ääÓ{æ^↔^&ÁÓ[*ãæbbEÁĀR~ãĀŪáá^ĀNÁ
 Ğ~æ^ÁOå|ã'åæbÁ~àÁŪáã↔~|bÁĜæ~^↑↔^á\↔~^bÁ g g g Á
 Ôá{æÁÑæ æ^ÁŪáã&æ\bÁ~àÁĀŪ*ää]ĖŞá↔^|\↔&Á
 U*ãææEÁĀ ÎDFĪĐÍĜEÁ *á&æÁFÁ
 IĖEÁ §~ã\→á^ääÓ{æ^↔^&ÁÓ[*ãæbbEÁĀÔ↔{æÁŞ~ã\→á^ää
 Oå|ã'åæbÁ g g g Á ŪæãæĀŪá^ää↔~æää g g g Á CŪJŪCĖÁ
 CŪNáâ]~^CÁ}æääŪ*ää]ĖŞá↔^|\æĀ~^Á\åæĀ
 Ū|↔→ã↔^&bÁ g g g Á EÁĀ ÎĐÍĐÍĜEÁ *á&æÁFĖÁ FGÁ
 IĖEÁ §~ã\→á^ääŞãæbbÁÔæää→äEÁĀÔ→à\ææ^ÁOå|ã'åæbÁ
 ↔^ÁŞ~ã\→á^ää g g g Á ŪæãæÁĜæää æää g g g Á Ū→\åÁ
 U*ää]ĖŞá↔^|\æĀŪ]↑â~→bÁ~àÁŪá\á^Á g g g Á EÁĀ
8/9/83, *á&æÁFĖÁ IJÁ
 IĖEÁ §~ã\→á^ääŞãæbbÁÔæää→äEÁĀŪ}~ĀRæ^ÁŪæãæÁ
 Nãæb\æĀĀWæb\æääá]Á↔^ÁO~^æ^|\↔~^Á}\↔\åÁ
 Ūá^ää↔~↔^&ÁOå|ã'åæbÁ↔^ÁŪáãææÁO~|^)\æbÁâ]Á
 U*ää]ĖŞá↔^|\↔&ĀŪá\á^↔^ÁŪ]↑â~→bÁ~^ÁŪæ↑EÁĀ
 ÎDFĜĐÍĜEÁ *á&æÁFĖÁ FGÁ
 FĖEÁ §~ã\→á^ääŞãæbbÁÔæää→äEÁĀĜæ^↔bÁÔã↔æ^Á g g g Á
 Ūæ→bÁŪá]ÁÔæĀO~^↑↔\|\æĀŪá~bĀĀN' \bÁá^ää
 Ūá~bĀNâ~|\ÁÔ↔bĀÑæ↔æää\åá\ÁC\åæĀæ^ää↔bÁ
 ^æääĖCĀĀ ÎDFĪĐÍĜÁ
 FĖEÁ Qæ\|\æĀĀää~↑ĀŌãæ&ĀŞá&áEÁ ĤĤĤĪJÁ
 FĖEÁ ÔĖĪĪIÁØ^|\æã{↔æ}ĀŪæææ\ÊÁ Şãá→ĀÔ↔b\~ã]ĖÁ á^ää
 Ūáá^b'ã↔*\ÊÁ ÎDGĜĐÍJÁ
 FĖEÁ FĪĪJÁÑ|ã&æ\Á
 FĖEÁ O~^b\↔^|\↔~^Á Ç|^ää\æäDÁ
 FĖEÁ ĀÑæĀNĀÑ~æbb↔^&ĀĀOæ^æ^↔→Áâ~↔→æ\Á
 FÎÍĤEĖFÎÍHÁ
 FĪĖEÁ §~ã\→á^ääÓ{æ^↔^&ÁÓ[*ãæbbÁĀĜæ^↔bÁÔã↔æ^Á . . .
 á^ääĜ~^á→äÁQá&ábbæÁ g g g Á ŪæãæĀNãää↔^æää g g g Á
 On Oåää&æbÁ~àĀN&æää{á\æĀŪáã↔^á→ĀR↔b'á↔æää
 à~ãĀĜæää'↔^&ÁOå|ã'åæbÁ g g g Á EÁĀ ÎDFĪJĐÍĜEÁ
 *á&æbÁFĀá^ääFGÁ
 FĪEÁ FĖDFĜĐÍHÁ §~ã\→á^ääŞãæbbÁÔæää→äEÁĀÔ→ãb\Á
 Q|\åæää^ÁŞ→á] &ã~|^äEÁĀ *á&æÁFĪÁ

GIGÈÏFIÁ §~ã\→á^ää

U\ÊĀN^b&ääÁQ|\åæää^ÁOå|ã'åÁ
 FEÁ §~ã\→á^ääŞãæbbÁÔæää→äEÁĀŪ\ÊĀN^b&ääÁ
 Q|\åæää^ÁOå|ã'åÁŪ↔→ĀÔ→äĀáĀŪ*æ^↔→ÁO~b↔^&Á
 Uæã{↔^æĀŪ~↑~ãã~}Ā↔^Á\åæĀŞ→äĀŪ\ÊĀN^b&ääÁ
 Ó{á^&æ↔~á→ÁQ|\åæää^ÁOå|ã'åÁ~ĀRá]~ĀŪ\ãææ\ÊĀĀ
 FFDFĜĐÍHÁ

FGĜÁ

GIGĚÎGEÁ U\~'←á~→↑Á

Šb' áãĀŌæãæã←'←ÁŌ{á^&æ↔'á→ÁŌ|\åæãá^ÁŌá|ã'áÁ
 FEÁ Nã~'á|ãæĒÁ I€\áAN^'↔{æãbáã]ĒÁ FĪ€JĒFĪIJÁ
 GEÁ Nã~'á|ãæĒÁ Úã↔ĒŌ|→\|ãá→ÁR|bæ|↑ĒÁ Ç|^'áá\æãĒ
 FĪĪĪLDÁ
 ĜĒÁ Nã~'á|ãæĒÁ U\~'←á~→↑ÁŌæ^\æ'^↔á→ĒĒ
 Ō|→]ÁHĒFGĒÁ FĪĪFÁ
 HEÁ Nã~'á|ãæĒÁ ŌŌ↔↑*bæbÁ~àÁU\~'←á~→↑CbÁŞáb\ĀĀ
 Ç|^'áá\æãĒFĪĪFLDÁ
 ĪĒÁ Ş~b\Á'áãĀFĪĪGÁ
 ĪĒÁ U\~'←á~→↑ÁŌ↔b\~ã↔'á→ÁU\~'↔æ\]ÁSæ}b→æ\æãĒĒ
 Ū~→|↑æÁFĒĒS|↑ãæãĒĒĒŌ|→]ÁFĪĪNÁ
 ĪĒÁ N|→æ\↔'ĒĒ ĪĐGĪĐĪNÁ
 ĪĒÁ ŌĒĪĪIÁŌ~^&ãæ&á\↔~^á→ÁŌ^\æã{↔æ}ĒĒŞãá→Á
 Ō↔b\~ã]ĒĒá^'áŪáá^b'ã↔*ĒĒ ĪĐGĪĐĪNÁ
 ĪĒÁ Nã~'á|ãæĒÁ CCŪæ~'↑æÁ\~ÁU\~'←á~→↑ĒĒRá↔'æĀĀ
 Ç|^'áá\æãDÁ
 FĒĒÁ Ş~b\Á'áãĀ~àÁU\~'←á~→↑ÁR|bæ|↑ÁÇ|^'áá\æãDÁ

GIGĚÎGFÁ Ūá→ã~ã~ã~Á

Š→ãĀŌæã↑á^ÁŌ|\åæãá^ÁŌá|ã'áÁ
 FEÁ Ş~ã\→á^'áãŞãæbÁŌæãá→ãĒĒ ĪĐGĐĪ€ĒĒ ĀŌáb\Á
 U→→→↑æĀUæã{↔'æbÁUæ\Á~ãĀS→ãĀŌæ^'á^ÁŌá|ã'áĒĒĀ
 GEÁ U\áá→ĒĒ Ōáb*æãĀŌá~ãĒĒ Ō↔b\~ã]Á~àĀS→ãĀNã~áãĀ
 NÁ]Áá^'áŪá→ã~ã~ã~ĒĒŌæã↑á^'ÁŞã~\æb\á^'Á
 U~'↔æ\]Á~àÁŪá→ã~ã~ã~ĒĒRá↔'æĒĒ ĀĪNĪĒĒ
 GÁ{~→|↑æbĒĒ FGIJG**ĒĒ
 ĜĒÁ N~↔↔æ\ĒĒ ĀG€€\áAN^'↔{æãbáã]ÁŞ→ãĀŌæã↑á^'Á
 Ōá|ã'áÁá^'áĀRææ\↔'á~ã~|bæÁFĪĪGĒFĪĪGĒĒĀŌáã↔æbÁ
 N|[↔↔áã]Áá^'áĀ\æĀŪá|b\æbÁ~àÁŪáæĀŌæ^'á^'Á
 Şã~\æb\á^'ÁU\~'↔æ\]Á~àÁŪá→ã~ã~ã~ĒĒRá↔'æĒĒ
 *ãæ^'áãæãĀ]Á\æĀŌ~^'áã~ãĀ~ãĀŌæãæã↔'←ĀŌĒĒ
 Şá]^æĒĒŌ~{æã~ãĀ~àĀRá↔'æĀá^'áŪá^'↔æĀŪ\á\æbÁ
 Uæ^'á\~ãĒĒ FĪĪGĒĒ FH**ĒĒ
 HEÁ ŌĒĪĪIÁŌ~^&ãæ&á\↔~^á→ÁŌ^\æã{↔æ}ÁUáææ\ĒĒŞãá→Á
 Ō↔b\~ã]ĒĒá^'áŪáá^b'ã↔*ĒĒ ĪĐGĪĐĪNÁ
 ĪĒÁ Nã~'á|ãæĒÁ CCŪ↔b\Á\åæĀS→ãĀŌæ^'á^'ÁŌá|ã'áĀĀ
 Ç|^'áá\æãDÁ
 ĪĒÁ Ş~b\Á'áãĀ~àÁ\åæ Š→ãĀŌæã↑á^'ÁŌá|ã'áÁÇ|^'áá\æãDÁ

GIGĚÎGGÁ Ūá\æã{↔↔↔æĀ

Ō|\åæãá^'ÁŌá|ã'áĀ~àÁ\åæĀPæb|ããæ^\↔~^'Á
 FEÁ Ō↔'á^'↔á→ÁPæ*~ã\Áà~ã↑Āà~ãĀb|**~ã\æĀ'~^&ãæĒ
 &á\↔~^'bĀ~àÁ\åæĀSæ}ÁŌ^&→á^'áĀŌ↔b\ã↔'\ÁŌŌĒRĒĒ
 FĪĪNÁ
 GEÁ FĪĪNÁÑ|ã&æ\Á
 ĜĒÁ N|→æ\↔'ĒĒ ĪĐGĪĐĪNÁ
 HEÁ Sæ}b→æ\æãĒĒŌ|→]ĒN|&|b\ÁFĪĪNÁ
 ĪĒÁ ŌĒĪĪIÁŌ^\æã{↔æ}ÁUáææ\ĒĒŞãá→ÁŌ↔b\~ã]Áá^'áĀ
 Ūáá^b'ã↔*ĒĒ~àĀŞáb\~ãĀŪæãĀŌ{æã\æ^'Á ÇŌPRDÁ
 ĪĐGĪĐĪNÁ
 ĪĒÁ ŌĒĪĪIÁŌ^\æã{↔æ}ÁUáææ\Áá^'áĀŞãá→ÁŌ↔b\~ã]Á~àÁ
 \åæĀŌ~^&ãæ&á\↔~^'Áá^'áŪáá^b'ã↔*ĒĒ ĪĐGĪĐĪNÁ
 ĪĒÁ Ūã↔\æ^'Áá↔b\~ã]Á~àÁŌŌPĀĀ]ÁPá→*áĀU↔\åĒĒ
 ĪĐGĪĐĪNÁ

FGHÁ

GIGĚĪGGÁ Úá\æã{↔→æÁ

Q|\áæãá^ÁOá|ã´áÁ~àÁ\áæÁPæb|ããæ´\↔~^Á
CO~^|\↔^|æãDÁ
ĪĒÁ Qæ\|æãĒÁ áá\æãÁ ÍÐGÍDĪŪĒÁ \~Á *á~b*x´\↔{æÁ
Şáb\~ãbÁ
ĪĒÁ Ń|\↔→æ|\↔^ĒÁ áá\æãÁ ÍÐGÍDĪŪÁ
FĒĒÁ T|æb\↔~^bÁ à~ãĀPæb*~^bæÁbáææ\Á\~Á
*á~b*x´\↔{æÁŞáb\~ãbĒÁŃ|&|b\ĒÁ FĪĪŪÁ
FFĒÁ Sæ}b→æ\|æãĒÁ Uæ*\æ↑áæãÁ FĪĪŪÁ
FGĒÁ Qæ\|æãÁ àã~↑ÁOá→ÁO~^↑↔\|ææĒÁ ÍÐFÍDĪŪÁ
FGĒÁ Ń|\↔→æ|\↔^ĒÁ GÐĪDĪĪÁ
FĒĒÁ O~^b\↔|\↔~^ĒÁ}↔\á~|\ÁáÁáá\æÁ
FĪĒÁ Ńã~´á|ææĒÁ U´~\ÁU~↑æãbæ\ÁŞ→á´\Á

GIGĚĪGGÁ Úæb\âã~~←Á

Úá↔↔|\ÁQ|\áæãá^ÁOá|ã´áÁ
FĒÁ O~^b\↔|\↔~^Áá^ãĀŃ]→á}bĒÁ áá\æãÁ FĪĪŪÁ
ĒĒÁ ÚáãææÁá↔àèæææ^Á&ãææ\↔^&Á´ááãbÁ~àÁ\áæÁ
↔^|æã↔~ãĀ~àÁ\áæÁ´á|ã´áĒÁ FĪĪFÁ
ĒĒÁ Ń~~←→æ\ĒÁ CCŪá↔↔|\ÁQ|\áæãá^ÁOá|ã´áÁ FĪĪGĒ
FĪĪGĒĒ FĒĒÁ WæáãbÁ~àÁO~~ãĀSæ}bĒÁ
ĒĒÁ ÔĒĪĪĪÁ Ø^|æã{↔}ÁUáææ\ĒÁ Şãá→ÁO↔b\~ã|ĒÁ á^áá
Úãá^b´ã↔*\ĒÁ ÍÐGFÐĪŪÁ
ĪĒÁ Ø^|æã{↔}Á~àÁRáãæ^ÁOáã↔b\↔^á^bæ^ĒÁ ÍÐGFÐĪŪÁ

GIGĚĪGHÁ

Şãæb↔ææ^ÁRáã\↔^ÁĒ↔x^b\ĒÁ Pæ\↔æãÁÁSæ}Á
Ó^&→á^áĀĒ↔b\ã↔\ĒÁ QOĒRUÁ
FĒÁ ÔĒĪĪĪÁ Ø^|æã{↔}ÁUáææ\ĒÁ Şãá→ÁO↔b\~ã|ĒÁ á^áá
Úãá^b´ã↔*\ĒÁ FĒĒFÐĪŪÁ

GIGĚĪGIÁ

Ń↔bã~*ÁOĒÁ Ôáã~→áÁOá^bæ^ĒÁ Óáb\æã^ÁĒ↔b\ã↔\ĒÁ
Ń↑æã↔´á^ÁQ|\áæãá^ÁOá|ã´áÁ
FĒÁ ÔĒĪĪĪÁ Ø^|æã{↔}ÁUáææ\ĒÁ Şãá→ÁO↔b\~ã|ĒÁ á^áá
Úãá^b´ã↔*\ĒÁ FFÐFGÐĪŪÁ

GIGĚĪGIÁ

Ş~ã\→á^áĀŃãæáÁQ|\áæãá^ÁUæã{↔}æbÁ ÇŞNOUDÁ
FĒÁ R↔^|\æbÁ~àÁŞNOUÁØ^´~ã*~ãá\~ãbĒÁ HDGHĪĪHÁ
ĒĒÁ FĪĪHÁUáæáb|ãæãCbÁ Pæ*~ã\Á
ĒĒÁ Ńã~´á|ææÁÁS´æá^ÁU↔}Áá\ÁOá→↑~|\áÁÁ
Ç|^áá\æãĒFÐFĪĪLDÁ
ĒĒÁ ÁS´æá^ÁU↔}ĒÁ áÁ´~^|\↔^|↔^&Á´áãæÁ´~|↑|^↔|\Á
↔^ÁOá→↑~|\áĒÁ Rá↔^æĒÁ T|æb\↔~^bÁá^áĀŃ^b}æãbĒÁ
Ç|^áá\æãĒFÐFĪĪLDÁ
ĪĒÁ ŞNOUÁÓ^|\áá^´æÁQ~á^ÁO↔^á^´↔^&ÁU\↑ØĒá]Á
FÐĒĒĪĪÁ Ī**ĒÁ
ĪĒÁ Ş~ã\→á^áÁŞãæbbÁOæãá→áĒÁ HDGHĪĪĪĒÁ ÁOá→↑~|\áÁ
Pæ\↔ææ↑æ^ÁU↔→á&æĀŃ**ã~{æãĒÁ
ĪĒÁ Ræ↑-ĪÁ ÁŞã~&ãæbbÁ\~Ááá\æÁá^áÁO|\|æãÁU´áæã|→æÁ
~àÁŞã~↓æ\ĒÁÁ ÍÐGÍDĪĪÁ
ĪĒÁ R↔^|\æbÁ~àÁŞNOUÁØ^´~ã*~ãá\~ãbĒÁ ÍÐGÍDĪĪÁ
ĪĒÁ Ô~}ÁOááá\Á~àÁŞNOUĒÁ ÍÐĒĒĪĪÁ
FĒĒÁ FĪĪĪÁUáæáb|ãæãCbÁ Pæ*~ã\Á
FFĒÁ R↔^|\æbÁ~àÁŞNOUÁØ^´~ã*~ãá\~ãbĒÁ GÐGÍDĪŪÁ
FGĒÁ Sæ}b→æ\|æãĒÁ S´æá^ÁU↔}Áá\ÁOá→↑~|\áĒÁ
ŪÐFÍDĪŪÁ

FGIÁ

GIGÈÎGMÁ

Ş~ã\→á^ääNãääÁQ | \âæää^ÁUæã {↔ æbÁ ÇŞNQUDÁ
Ç^~^ \↔^ | æãDÁ
FGËÁ Ş^æá^ÁÛ↔æ } Áá \ÁÔá→↑~ | \âËÁ Öää^ääŞ^æ^↔^&Á
Ş^æ^ÁÔ~ | bæËÁ FDFFDÎÁ
FHËÁ ŞNQUDÁÑã~^á | äæÁÇ | ^ää \æãËGËFÎÎÍLDÁ

GIGÈÎGÍÁ

N→äÁNbb~^↔á \↔~^Á à~ãÁQ | \âæää^bÁ ONNQDÁ
Ñãá^ ^ääHJÎËËÁ Ç^~↑*á↔b↔^&Áá→Á~ää \âæÁU\á \æÁ
~àÁRá↔^æDÁ
FËÁ O~↑*→æ \æÁ à↔æÁ~ääSæ } b→æ | \æãbËÁ FÎÍGËFÎÎIJÁ
GËÁ O~↑*→æ \æÁ bæ \Á~ääÁ↑↔^ | \æbËÁ FÎÍËËFÎÎIJÁ
GËÁ Ñ→ | æ^á↔^ \Á~ääÁËËËË*→á | &ã~ | ^ää^ã~↓æ^ \Á
á \ÁÔ↔âb \ÁQ | \âæää^ÁOá | ã^ääËÁJDFIDÎÁ

GIGÈÎGÍÁ

Q | \âæää^ÁOää*→á↔^ ↔æbÁ↔^ÁRá↔^æÁ
FËÁ Ø^ \æã {↔æ} Á~ääS~ã↑á^ÁÑ | ↑â | ËÁ QOËRUÁOää*→á↔^Á
ã \ÁRæã | ÁÔ~b*↔ \á→ËÁŞ~ã \→á^ääËÁRá↔^æËÁ
ÍDFIDÎÁ

GIGÈÎGÍÁ

U^æ^↔á→ÁQ | \âæää^Á R↔^↔b \ã↔æbÁ↔^ÁRá↔^æÁ
FËÁ ØËÎÎÍÁØ^ \æã {↔æ} ÁUääæ \ËÁŞää→ÁÔ↔b | ~ã | Áá^ää
Úää^b^ã↔^ \Á~ääŞáb | ~ääÚää~ã~ääÁO {æã \bæ^Á
ÇOPRDËÁR | b↔^↔á^Á↔^Ábæb↔ææ^æÁ à~ää \âæÁ
Sæ } ÁO^&→á^ääÇ↔b \ã↔^ \Á~ääQ | \âæää^ÁOá | ã^ää
R↔bb~ | ã↔ÁU | ^~ääËÁ ÍDFIDÎÁ

Ş | â→bâæääÛ~ã↔bÁ

Nää↑bËÁ Öá↑æbÁÛã | b~~ } ËÁ ÚâæÁO^*→^Á~ääN↑æã↔^áËÁ Sæ } ÁW~ã↔^ÁÚã↔á^&→æÁ
Ñ~~↔bËÁ FÎGFËÁ

Nä→æãËÁR~ã \↔↑æãÁÖËËÁ Öã↔ \~ãË↔^ËOã↔æàËÁ ÚâæÁN^á→bÁ~ääN↑æã↔^áËÁ
Oã↔^á&~ÁÁÓ^ } ^~*æã↔áÁÑã↔^á^↔^ áËÁØ^ ËËÁ FÎIJËÁ

N→æ^ËÁ Þæ {ËÁ U \æ^æ^Áá^ääÞæ {ËÁ ÛËÁ ÖËÁ Ş↔→bâ | ã | ËÁ Ô↔b \~ã | Á~ääRæ \á~ã↔b↑Á
↔^ÁRá↔^æËÁ FÎÍGËFÎÎIJËÁ N | & | b^áÍÁ ŞãæbbÁ~ääOääã→æbÁOËÁ SáãbËÁ FÎÍËÁ

N↑æã↔^á^ÁÔ↔b \~ã↔^á→ÁU~^↔æ \ËÁ Rá↔^æÍÁNÁÔ↔b \~ã | ËÁ Oæ^ \æ^↔á→Áæã↔^↔^ËÁ
Sæ } ÁW~ã↔^Á FÎFËÁ

Ñá^~^ËÁ Qæ~^áãäËÁ Öæ^æb↔bÁ~ää \âæÁSæ } ÁO^&→á^ääOá | ã^ääbËÁ Öää*æãËÁ FÎIHËÁ

Ñá^&~ääÇã↔ } ÁSæ } bËÁ Ôæãã | áã | ÁËËÁ FÎÍËËÁ ÄR~ãæÁ*æ~*→æÁ~ääÁ } æ→ääãæËÁ

Ñää^æbËÁN→æã \ÁÔËËÁ æã↔ \~ãËÁ Öãæã \æãÁŞ~ã \→á^ääOæ→æãää \↔^ÁGËËÁ Ş~ã \→á^ää
RÓÍÁ Öá^æ \ \ÁÑ~~↔bËÁ FÎIHËÁ

Ñ→ | ↑ËÁ Ö~ã^ÁRËËÁ Ñã | ^æÁOá \ \~^ËÁ Óá↑ | ^ääÛËÁ R~ã&á^ËÁÑã | ã | äÁRËÁ U^á→æb↔^æãËÁ
Þæ^æ \áÁRËÁ U\á↑*^ËÁ á^ääOËÁ Úã^ÁÛ~ã } áããËÁ ÚâæÁSá \↔~^á→ÁO [*æãË
↔æ^æËÁ Sæ } ÁW~ã↔^Á Öää^~ | ã \ËÁ Ñãá^æËÁ á^ääÛ~ã~ääËÁ Ø^ ËËÁ FÎIJËÁ

- "Bohlman, Nafzger present papers to Ecumenical Conference."
Lutheran Church-Missouri Synod, Reporter 13 (Feb.
9, 1987):2.
- Bokenkotter, Thomas. A Concise History of the Catholic Church.
Revised edition. Garden City: Image Books, 1979.
- Boorstin, Daniel J. The Americans; The Colonial Experience.
A Caravelle edition. New York: Vintage Books, A Division
of Random House, 1958.
- Bretscher, Paul G. After the Purifying, The Thirty-Second Year-
Book of the Lutheran Education Association. River Forest,
IL, 1975.
- Brusic, Lucy. "Lehmann Addresses Annual Meeting," Journal
of the New England Lutheran Historical Society 4 (Spring
1986):13-14.
- Burrage, Henry S. History of the Baptists of Maine. Portland:
Marks Printing House, 1904.
- Clark, Calvin M. History of the Congregational Churches in Maine.
2 vols. Portland: Congregational Christian Conference of
Maine, 1935.
- Community Needs Assessment Update, April.1986, A Tool for
Community Problem Solving. United Way, Inc., n.p., n.d.
- Crosspoint. Maine Council of Churches Newsletter. Vol. 1, no. 1,
(1987?).
- Evangelisch-Lutherische Kirche. Die Bekenntnisschriften, 6.,
durchgesehene Auflage. Goettingen: Vandenhoeck and
Ruprecht, 1967.
- Exploring Maine. Maine Publicity Bureau, Inc. ·Hallowell, 1986.
- Fenn, Vergilius. "The Lutheran Church in America." In The
American Church of the Protestant Heritage. New York:
Philosophical Library, 1953. pp. 25-50.
- Gallup, George and David Poling. The Search for America's Faith.
Nashville: Abingdon, 1980.
- Gay, Maude Clark. "David Holtzopple, Builder. In Historic Churches
and Homes of Maine. Maine Writers Research Club. Portland,
ME: Falmouth Book House, 1937. Pp. 50-54.

FGIËÄ

Òá→æbâ | ÈÄ ŠËÄ Pæ→&↔~ | bÁ~ãÁOãã↔b\↔á^ÈÄ Úää^b→á\æãÄÄ | ÁO→áãæ^æÄ
ÖËÄ Oää→bæ^ÈÄR↔^æã*~→bIÄ N | &ÈÄ Uæ {æ^ \áÄŞã↔^ \↔^ &ÈÄ FÏHËÄ

Òá \ ' áÈÄ Q~ | ↔bÁO→↔^ \~^ ÈÄ ÓãÈÄ Rá↔æIÄ NÁO↔b\~ã | ÈÄ NÁ àá^b↔↔↔æÄ~àÄ \áæÄ
FIFIÄæã↔\↔~^Á}↔\áÄ^æ | Á↔^ \ã~ã | ^ \↔~^ Áá^áÄ↔↔~&ää*á | ÁÄ | Á
Û↔↔↔á^ÁNEÄ Õ~ääá^ÈÄ ÖãÈÄ U~↑æãb}~ã \áIÄ Sæ } ÁÖá↑*bã↔ãÄŞ | á↔↔bãÈ
↔^ &ÁO~ÈÄ FÏIËÄ

Òæâæã \ ÈÄ P↔^ ááããÁNEÄ ÄPæ→&↔~ | bÁÇæ {æ~*↑æ^ \ÈÄÄ Oáá*\æãÁÇÁ~àÄR~äæ↑Á
Rá↔^æÈÄ Sæ } ÁW~ã<IÄ Qæ } ↔bÁO↔b\~ã↔^ á→ÁŞ | á↔↔bã↔^ &ÁO~ÈÄ FÏIËÄ
Ş*EHËGËGHEÄ

Òæ↔↔↔^æ^ÈÄ Óá' ~âÁÜÈÄ ÚääÁU\~ã | Á~àÄ \áæÁU~\↑F↔ÁU]^~äIÄ ÚääÁO↔^↔↔bãÄ
Ó {á^ &æ↔^ á→ÁQ | \áæãá^ÁOá | ä' áÄ~àÄN↑æã↔^ áÈÄ FÏIËFÏIËGËÄ
Òæ↔↔↔^æ^ÈÄ Sæ } ÁW~ã<ÄR↔↔↔bÈÄRSEÄ FÏIËÄ

Ò↔b\~ã↔^ á→ÁPæ' ~ääbÁU | ä {æ | ÁÇ↔ {↔b↔~^Á~àÄŞã~àæbb↔~^á→Áá^áÄUæã {↔^æÄ
Şã~↓æ' bIÄÛ~ã<bÁŞã~↓æ' \bÁNá↑↔↔↔b\áá \↔~^ÈÄ Ç↔ãæ' \~ã | Á~àÄ
Oá | ä' áæbÁá^áÄPæ→&↔~ | bÁŞã&á^↔^ á \↔~^bÁ↔^ÁRá↔^æÈÄ Ş~ã \~á^áÈÄ
Rá↔^æÁO↔b\~ã↔^ á→ÁPæ' ~ääbÁU | ä {æ | ÁŞã~↓æ' \ÈÄ FÏHËÄ

Ò~æãâæãÈÄ P~âæã \ÁÖÈÈÄ Ò~ää' æÁÇÈÄ Ò \↑↑æ→ÈÄ Ûá→ \æãÁPÈÄ P~æããbÈÄ á^áÄÇæá^Á
SEÄ Ûæ^ \áæÈÄ O~^' ~ää↔áÁUæ→àÈU\ | ä | ÁN↔↔↔æÈÄ Sæ } ÁO^ \æã^á \↔~^á→Á
Ûæãb↔~^ÈÄ U \ÈÄ Q~ | ↔bIÄ O~^' ~ää↔áÄŞ | á↔↔bã↔^ &ÁO~ | bæÈÄ FÏIËÄ

Ò~ääá^ÈÄ Û↔↔↔↔á^ÈÄ Ò↔b\~ã/Á~àÄU* | ä }↔^<ÁOá | ä' áÈÄ O↔\ | Á~àÄOá*æÄ
Ó↔~^áææ \áÈÄROÈÄ FÁIËFÈÄ

Ò~ | ä^á→ÁÜã↔â | ^æÁ~àÄN↔ääæã~ääÈÄ N | & | b\ÁÇÈÄ FÏIËÈÄ ÄQ | \áæãá^bIÄO~æããÄ
↑æã&æãÄ {~ \æÈÄ*ÈÄ IÈÄ

Qá \~ | äæ \ \æÈÄ Pæ^æ \áÁU' ~ \ \ÈÄ NÁO↔b\~ã | Á~àÄ \áæÁÓ [*á^b↔~^Á~àÄOãã↔b\↔á^↔\] ÈÄ
Û~→ÈÄ HÍÄ ÚääÁOããá \ÁOæ^ \ | ä | IÄ ↔^ÁO | ä~*æÁá^áÄ \áæÁU^↔ \æãÁU \á \æbÄ~àÄ
N↑æã↔^ áÈÄ FÏIËFÏIËÈÄ Sæ } ÁW~ã<IÄ Oáã*æãÈÄ FÏHËÈÄ

Û~→ÈÄ IÍÄ Nã↔\↔↔bãÁS~ã \áÁN↑æã↔^ áÈÄ P~↑á^ÁOá \á~↔~^ bIÄ Şã~ \æb\á \bÈÄ
FÏHËÈÄ

Oãã↔b\↔á^↔\ | Á↔^ÁáÁPæ { ~→ | \↔~^áã | ÁN&æÈÄ Û~→ÈÄ IÍÄ ÚääÁU } æ^ \↔æ \áÄ
Oæ^ \ | ä | Á~ | \b↔ãæÁO | ä~*æÈÄ CCÚääÁO~↑*→æ [Á↑ | → \↔^~^Áãæ' ~ääÄ~àÄ
Oãã↔b\↔á^↔\ | Á↔^Á \áæÁU^↔ \æãÁU \á \æbÁ~àÄN↑æã↔^ áÈÄ Sæ } ÁW~ã<IÄ
Óáã*æãÁá^áÄP~ } ÈÄ FÏIËÈÄ

Q | 'æ | ÈÄ Û↔↔↔↔á^ÁQæ~ÈÄ UÈÖÈÄ ÚääÁOá \á~↔~^ ÁOá | ä' áÄ↔^ÁRá↔^æÈÄ Óää^æb\~}^Á
SÒÈÄ Ráãbãá→ÁÖ~^æbÈÄ FÏIËÄ

ÈÄQ | ä↔ [ÈÄ Páã→ÈÄ ÄÖæã↑á^ÁOãã↑↔&ää \↔~^ÁOãæ^ \↔↔^ á \↔~^ÁŞá*æãbÈÄÄ Õ~ | ä^á→Á
~àÄ \áæÁSæ } ÁO^ &→á^áÄQ | \áæãá^ÁO↔b\~ã↔^ á→ÁU~ ↔æ \ | ÁÇÁÇU*ã↔^ &Ä
FÏIËIÄ FÇEFHEÄ

FGIÁ

Q | \ áæää^ÁOá | ä´áËR↔bb~ | ä↔ÁU]^~äËÄ Pæ*~ã\Á~àÁ\áæÄNä {↔b~ã\ÁO~↑↔\ææÄ
~^ÁË~\ä↔^æÁá^äÁO~^´↔↔↔á\↔~^EA U\EA Q~ |↔bIAO~^´~ãã↔áÁ§ |á↔↔báË
↔^&AO~ |bæEA FIIIEA

Ráã→~}æËÄÖæ~ã&æÁÔää^´↔bËÄ Oá | ä´áæbÁ~àÁŠ~àÁŠæ}ÁÓ^&→á^äIÁÚæ↔ãÄNä´á↔Ë
\æ´\ äæÁá^äÁÚáæ↔ãÄNä´á↔\æ´\bËÄÚæ↔ãÁŠáb~\äbÁá^äÁÚæ↔ãÄ
Sæ~*→æEA Ø→ |b\ää\æÄ}↔\äÁŠá~\~&Áá*ábÁÁ\AUá^ä |æ↔ÁOáá↑áæã→á↔^ËÄ
Sæ}ÁW~ã↔^IÁ Rá´↑↔↔→á^ÁO~↑*á^]ËÄ FIIIEA

Rá |æãËÄN→ääæäËÄ HËËÁÖáääæÁÓ | ä~*áæ↔b´áæãÁP |→\|äËÖæ↑æ↔^b´ááà\Á↔^Á
Úæáæãb↔´á\æ^AFIËËEFIËËEA R |^↔´áIÁOá^b\ÁPæ↔^ááää\AUæã→á&ËÄ
FIIIEA

RæääËÄÖää^´↔ÁUEÄ Oá^ää~↔^Á~àÁËæ^á^↔^á\↔~^bÁ↔^Á\áæÁÚ^↔\æäÁU\á\æbËÄ
Sæ}ÁU↔ | \äÁOá↔\↔~^EA Sába {↔↔↔æIÁNä↔^&ä~^EA FIIIEA

Ræ |æãËÄOáã→ÁŠ. , ÈOá↔\~äËÄ R~{ÁÁ Öá~^}\↔æãbIÁ Pæää↔^&bÁ↔^Á\áæÁO↔b\~ã |Á
~àÁ\áæAQ | \áæää^ÁOá | ä´ÁËR↔bb~ | ä↔ÁU]^~äËÄ U\EA Q~ |↔bIAO~^´~ãã↔áÁ
§ |á↔↔bá↔^&AO~ |bæEA FIJHEA

R~ã&á^ËÄÖääã | ^áÁUEÄ ÚáæÁ§ | ä↔\á^ÁË↔↔æ~↑áIÁThe U\~ã\Á~àÁÖ~á^ÁÚ↔^ \áã~*ËÄ
Öá↔\æäÁá\ÁŠb´ááÁOá^á↔^EA N~b\~^IÁQ↔\↔æEÄNä~}^ÁBAO~EEA FIIIEA

Sæ→b~^ËÁO↔↔à~ääËÄÚáæ~ä~ääÁÖËÄ Úá* *æã\ËÄÖËÄ Öæ~ã&æÁN^ææãb~^ËÁÁ | & |b\Á
ËËÄ U |æ→à~}ËÄ Ö | &æ^æÁQËÄ Öæ {~→äËÄ á^áÁÖæãÁUEÄ Ræ |bæãËÄ ÚáæÁ
Q | \áæää^bÁ↔^ÁŠ~ã\áÁN↑æã↔´áËÄ §á↔↔áæ↔*á↔áIÁ Ö~ã\ææbbËÄrev. FIIIEA

S→ËÄRáá↔^ÁNËËÄ Sá\áá^ÁËËÄ Öá\´áËÄÖæ~ã&æÁRËÄ Ráábææ^ËÄËÄ {↔äÁÖËÄ Úæ→bËÄ
á^áÁO~á^ÁËËÄ Ú~~ääã↔á&æEA Öæää↑á^CbÁÖá^áã~↔^Á\~ÁOáã↔b\↔á^↔\ |Á
↔^ÁN↑æã↔´áËÄ Öáá^áÁPá*↔ábIÁU↔↔↔á↑ÁNEA Öæää↑á^CbÁ§ |á↔↔bá↔^&Á
Öá^*á^]ËÄ FIIIEA

§æ***á^ËÄÖää~b~á{ËÄ ÚáæÁOáã↔b\↔á^ÁØ^ \æ→æ´\ |á→ËÄ Ü~→ËÄ FHIÁ Pæ↔↔↔ |bÁ
§æáb*æ´\↔{æbËÄ Öá↔\æäÁá\ÁP | \áÁ Sá^ááÁN^bææ^ËÄ Sæ}ÁW~ã↔^IA
Öáá*æäÁá^áÁP~}ËÄ FIIIEA

§↔æ*æãËÄÖää^´↔bËÄ Oáã↔b\↔á^ÁË~&↑á\↔^bËÄ HÁ {~→ |↑æbËÄ U\ËÄ Q~ |↔bIA
O~^´~ãã↔áÁ§ |á↔↔bá↔^&AO~ |bæEA FIIIEA

§~ã\↔á^áÁÓ{æ^↔^&ÁÓ | *ææbbËÄ Öá | \áá\ÁËËÄ FIIIEA ÁŠ^→]ÁHFÁÁ~àÁRá↔^æÁ
æ~→æÁáæ→~^&Á\~ÁÁá | ä´áæbËÄÁ*ËÄ ËÄ

§~ã\↔á^áÁŠææbbÁÖæää→äËÄ Öá^ | áá\ÁËËÄ FIIIEA ÁU | ä{æ\Á~àÁ§~ã\↔á^áÁ
Oá | ä´áæbÁ↔^á↔´á\æbÁ\áá\Á´\ | \↔^&Á~àÁ^~^Ëæb↔æ^}↔á~Áá |æ~Á
ää\↔~^bÁ}↔↔^Á^~\Ááàæ´\Á\áæ↑Á |´áÁábÁ↑~b\Ááá{æÁ´~^{\Áã\æäÁ
\~Á´~á→ËÄÁ*ËÄ GHEA

Š´\~ææÁËËËÄ FIIIEA ÄOá | ä´áÁÖá↔^bÁU~ääã↔^ÁOæ^ | \ |ä]ËÄÁ
*ËÄ IËÄ ÍáËÄ

Ëæ´æ↑áæääËËÄ FIIIEA ÄQ~´á→ÁOá | ä´áæbÁ↑~{æ\~Á´~^bæã{æÁæ~æã& |Á
á\Á | \á^↔^&Áá~}^Á\áæÁ\áæ^~b\á\Áá^áÁää |´↔^ÁÁá´\↔{↔\æbÁ
}↔\á↔^Á\áæÁOá | ä´áËÄÁ*ËÄ HEA

Ş~ã\→á^ääŞãbbÁÒæää→äÈÁ'~^ÈÁ.

Ş'\~âæãÁGIEÁ FİİĞÈÁ ÄRá↔^æäääæà^äbÁÑ↔â→æÁäæ{↔b↔^ÈÁÁ
N*ã↔→Á FİİNEÁ CCÜâæææ{æää↔→ääÖ~ääÖ~ÁÚ~LÁ
N|&|b\ÁĞĖÈÁ FİİNEÁ ÄQ|\áæää^Áäæ→æ&á\æbÁá**ã~{æÁ↑æã&æãÈÁÁ
Uæ*\æ↑âæääINEÁ FİİNEÁ ÄÖá→→æ→|↓áääà~ää↑æã&æää~ääQ|\áæää^bÈÁÁ
Öá^|áã]ÁGHÈÁ FİİIEÁ CCÜâæÁÛ~ã→ääÁá''~ää↔^&Á\~Áb\|Á\Á á→~*æãbÈÁÁ

Ş~ã\→á^ääÁU\↑ää]ÁÚæ→æ&ää↑ÈÁ Uæ*\æ↑âæääFIEÁ FİIEÁ ÄŞ~b\↑áb\æCbÁ
Şáb\↔↑æÈÁ Şã~\~&ää*ääää~ääÖá|ã'áæbÈÁÁ*ÈÁ FGäÈÁ

Şãæ|bÈÁP~âæã\ÁĖÈÁ ÚâæÁÚæ~→&|Á~ääŞ~b\ËPæà~ã↑á\↔~^ÁQ|\áæää^↔b↑ÈÁ
Û~→ÈÁ FİÁ ÁÁU\|á]Á~ääÚææ~→&↔'á→ÁŞã~→æ&~↑æ^áÈÁÁ
Û~→ÈÁ GIÁ ÄÖ~ääÁ^ääÖ↔bÁÖää\↔~^ÈÁÁU\ÈQ~|↔bIÁO~^'~ää↔áÁ
Ş|á→bã↔^&ÄÖ~|bæÈÁ FİIEĖFİIEÁ

Ş|á→á\↔~^Á~ää\áæÁN↑æã↔'á^ÁÖæ|↔báÁÖ↔b\~ã↔'á→ÁU~'↔æ\|ÈÁŞ|↑âæääFÈÁ
ÁN^AN^Aâ~ää^á\|ää→'↔^&Áb|'ää~ää↔^&^Á*ã~\æb\á^bAá^ää
~\áæääbÁ\áææ↔^Á↑æ^|\↔~^æääÈÁ ábÁääæÁbæ\|→æää~ääbáá→Ábæ\|→æÁ
↔^Áá^]Á~ääÖ↔bÁRá↓æb\|CbÁ'~→~^↔æbÁ↔^AN↑æã↔'áÈÁÁ Uæ'~^ää
Öá↔\↔~^ÈÁ FİIEÈÁ Ş*ÈÁ İHÈIÁ

Pæ*~ã\Á~^AN↑æã↔'á^ÁÚá→|æbÁ↔^Á\áæÁ CİĖbIÁ ÚâæÁØİá'\Á~ääNæ→æàÈÁ N]Á
O~^æ'\↔'\AR\|á→AQ→ääÈÁOáã\ã~ääÈÁ FA FEA

U'á↑↔äÈÁÖæ↔^ã↔'áÈÁ ÚâæÁĖ~\ã↔^á→Úææ~→&|Á~ää\áæÁO{á^&æ→'á→ÁQ|\áæää^Á
Oá|ã'áÈÁ Úää^b→á\æääÁ]ÁOáää→æbANEÁ Oá]Áá^ääOæ^á]AOÈÁ Oá~ábÈÁ Á
Úâ↔ääÁÖá↔\↔~^ÈÁ äæ{↔bæääÈÁ R↔^æá*~→bIÁN|&bâ|ã&AŞ|á→bã↔^&Á
Ö~|bæÈÁ FİIEÈÁ

U'ää↔{æääÈÁÖá}ääääŞÈÁ Ö~ÁÖääæIÁ ÚâæÁN^|↔b→á{æã]ÁØ↑*|→bæÁ↔^ÁRá↔^æÈÁ
FİĞĖFİIEÁ Û^↔{æãb↔\]Á~ääRá↔^æAU\|á]ÁŞ|↑âæääIFEÁ Nã^&~ääIÁ
Û^↔{æãb↔\]Á~ääRá↔^æÁŞãbbÈÁ FİIEÈÁ

U'á|]→æääÈÁÖæ^ã]ÈÁ AN*~b\→æÁ~ää\áæÁNâæ^á↔ÈÁÁ ÚâæÁOá\á~→'ÁÖ↔b\~ã↔'á→Á
Pæ{↔æ}ÈÁ FÁÇFİĖDİÁ FİIEFİIEÁ

U↑↔\áÈÁRáã↔~^ÁÖá'@|æbÈÁ NÁÖ↔b\~ã]Á~ääRá↔^æIÁ Öã~↑ÁÛ↔→æää^æbbÁ\~Á
U\á\æã~ãÈÁ Öääæ*~ã\ÈÁ RÓIÁ ÚâæÁN~^ääUâææ}ã↔&á\ÁO~↑^á]ÈÁ
Uæ'~^ääŞã↔^|\↔^&ÈÁ FİIEÈÁ

U\áâ→ÈÁ Öáb*æääÖá'~ääÈÁ Ö↔b\~ã]Á~ääŞ→ääNã~ääNá]Áá^áÁUá→ã~ã~ÈÁ
GAÛ→È→æÈÁ Öæ^'^ÁŞã~\æb\á'\ÁU~'↔æ\]Á~ääUá→ã~ã~ÈÁRá↔^æÈÁ
Ş~ã\→á^ääIÁ N~^ääUâææ}ã↔&á\ÁO~ÈÈÁ FİIEÈÁ

U}ææ\ÈÁÛ↔→á↑ÁUâääæ^ÈÁ ÚâæÁU\~ã]Á~ääPæ→&↔~^bÁ↔^AN↑æã↔'áÈÁ Sæ}ÁW~ã~IÁ
Öää*æääÁ^ääNã~\áæääBŞ|á→bãæãbÈÁ FİĞĖÈÁ

- Tappert, Theodore G., translator and editor. The Book of Concord. Philadelphia: Fortress Press, 1959.
- Threinen, Nomaan J. A sower Went Out: A History of the Manitoba and Saskatchewan District of the Lutheran Church-Canada (Missouri Synod). Regina: Manitoba and Saskatchewan District, 1982.
- United States Government Publishing House. First Census of the United States: Heads of -Families - Maine, 1790. Also consulted the census for 1870, 1880, 1920, 1950, 1960, 1970 and 1980.
- Ward, Hiley H. Religion 201 A.D. ; Who or What Will be God?, New York: Doubleday and Co., Inc., 1975.
- Wedda, John. New England Worships; 1100 Drawings of Churches and Temples with Accompanying Text. New York: Random House, 1965.
- Zimmermann, G.A. Vierhundert Jahre Amerikanischer Geschichte. Milwaukee: Verlag von Geo. Brumder, 1893.