Doc Type: Working Group Document

Title: Addition of fourteen linguistic educational characters
Source: JCS Committee, Japanese Standards Association (JSA)

Status: JCS proposal Date: 1999-07-15

LATIN EXTENDED-B

This document proposes fourteen characters used in the Japanese educational field, and discusses the rationale for their inclusion.

The final daraft Japanese Industrial Standard, JIS X0213 developed in Japan, and it will be published by the end of this year. The new standard will include all characters in this proposal, so the adoption of them is very important in the view to keep upward compatibility with the Japanese products.

The proposed characters are mainly used in the phonetic field. They also appear in the school text books. Nine Latin characters are pre-composed with accent mark. Five symbols and four combining characters come from the official IPA reference. UCS's IPA repertoire is completed by including these characters. Rest two are arrows that are often used to denote the accent of a word.

The characters proposed to be added here are given below, with proposed code positions. The proposal summary form is appended thereafter.

SPACING MODIFIER LETTERS

LATIN	N EXTENDED-D	SI ACING MODII IER EET TERS
0234	LATIN SMALL LETTER AE WITH ACUTE	02EF RISING SYMBOL
0235	LATIN SMALL LETTER OPEN O WITH GRAVE	02F0 FALLING SYMBOL
0236	LATIN SMALL LETTER OPEN O WITH ACUTE	
0237	LATIN SMALL LETTER TURNED V WITH GRAVE	COMBINING DIACRITICAL MARKS
0238	LATIN SMALL LETTER TURNED V WITH ACUTE	0363 LINKING MARK
0239	LATIN SMALL LETTER SCHWA WITH GRAVE	
023A	LATIN SMALL LETTER SCHWA WITH ACUTE	ARROWS
023B	LATIN SMALL LETTER HOOKED SCHWA WITH	21F4 RISING ARROW
	GRAVE	21F5 FALLING ARROW
023C	LATIN SMALL LETTER HOOKED SCHWA WITH	
	ACUTE	$ \grave{\mathcal{X}} $
		0234:



1. Title

Addition of twenty educational characters

2. Requester's name

JCS Committee, JSA

3. Requester type (Member body/Liaison/Individual contribution)

Individual contribution

4. Submission date

1999-07-15

5. Requester's reference (if applicable)

Final Draft JIS X0213 (to appear)

6. This is a complete proposal

Yes

B. Technical - General

1a. This proposal is for a new script? Name?

No.

1b. The proposal is for addition of character(s) to an existing block? Name?

Yes.

LATIN EXTENDED-B

SPACING MODIFIER LETTERS

COMBINING DIACRITICAL MARKS

ARROWS

2. Number of characters in proposal

LATIN EXTENDED-B: 9

SPACING MODIFIER LETTERS: 2

COMBINING DIACRITICAL MARKS: 1

ARROWS: 2

3. Proposed category

A

4. Proposed level of implementation and rationale

1

Is a rationale provided for the choice? Yes

If Yes, reference: Enclosed

5. Is a repertoire including character names provided?

Yes

5a. Are the names in accordance with the 'character naming guidelines' in Annex K of ISO/IEC 10646-1?

Yes

5b. Are the character shapes attached in a reviewable form?

Yes

6. Who will provide the appropriate computerized font for publishing the standard?

JCS Committee

If available now, identify source(s) for the font and indicate the tools used.

96 x 96 dots bitmap

7a. Are references (to other character sets, dictionaries, descriptive texts, etc.) provided?

Yes

7b. Are published examples (such as samples from newspapers, magazines, or other sources) of use of proposed characters attached?

Yes

8. Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc.?

C. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before?

No

2. Has contact been made to members of the user community?

Yes

If Yes, with whom? IPA web page, Japanese school text books

If Yes, available relevant documents? Enclosed

3. Information on the user community for the proposed characters is included?

Yes

Reference JISC

4. The context of use for the proposed characters

Common

If Yes, where? Reference Text book

5. Are the proposed characters in current use by the user community?

Yes

If Yes, where? Reference IPA web page, Japanese school text books

6. After giving due considerations to the principles in "Principles and Procedures" document must the proposed characters be entirely in the BMP?

Yes

If Yes, is a rationale provided? Yes

If Yes, Reference Enclosed

7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?

Yes

8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence ?

Yes

If Yes, is a rationale for its inclusion provided? Yes

If Yes, reference Enclosed

9. Can any of the proposed character(s) be considered to be similar (in appearance of function) to an existing character?

No

10. Does the proposal include use of combining characters and/or use of composite sequences?

Yes, 1 character is used for combining

If Yes, is a rationale for such use provided? Yes

If Yes, reference Enclosed

Is a list of composite sequences and their corresponding glyph images provided? Yes

If Yes, reference Enclosed

11. Does the proposal contain characters with any special properties such as control function or similar semantics?

No

D. SC2/WG2 Administrative

To be completed by SC2/WG2

- 1. Relevant SC2/WG2 document numbers:
- 2. Status (list of meeting number and corresponding action or disposition)
- 3. Additional contact to user communities, liaison organizations etc.
- 4. Assigned category and assigned priority/time frame

Doc Type: Working Group Document

Title: Addition of seven HIRAGANA characters

Source: JCS Committee, Japanese Standards Association (JSA)

Status: JCS Proposal Date: 1999-07-15

MARK

This document proposes seven HIRAGANA characters used to describe Japanese precise pronunciation, and discusses the rationale for their inclusion.

The final draft Japanese Industrial Standard, JIS X0213 developed in Japan, and it will be published by the end of this year. The new standard will include all characters in this proposal, so the adoption of them is very important in the view to keep upward compatibility with the Japanese products.

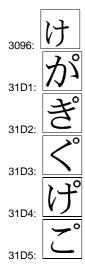
Two small letters are adopted for compatibility. They are usually used as KATAKANA character and small KATAKANA are already coded. But in many application programs such as input system requires HIRAGANA characters correspond to them.

The rest of proposed characters are mainly used to describe precise pronunciation of Japanese. Usually Japanese pronunciation is normalized as fifty syllabics, but there are more syllabics for the precise pronunciation. They are referred as BIDAKUON. To describe such kind of syllabics, HIRAGANA characters in this proposal are supplied to the HIRAGANA repertoire. Major broadcasting stations in Japan such as NHK, takes this system, and there are some user communities.

The characters proposed to be added here are given below, with proposed code positions. The proposal summary form is appended thereafter.

<u>HIRAGANA</u>	31D2 HIRAGANA LETTER KU WITH SEMI-VOICED			
3095 HIRAGANA LETTER SMALL KA	SOUND MARK			
3096 HIRAGANA LETTER SMALL KE	31D3 HIRAGANA LETTER KE WITH SEMI-VOICED			
	SOUND MARK			
HIRAGANA EXTENDED	31D4 HIRAGANA LETTER KO WITH SEMI-VOICED			
31D0 HIRAGANA LETTER KA WITH SEMI-VOICED	SOUND MARK			
SOUND MARK				
31D1 HIRAGANA LETTER KI WITH SEMI-VOICED SOUND	み い			

3095: 7



1. Title

Addition of seven HIRAGANA characters

2. Requester's name

JCS Committee, JSA

3. Requester type (Member body/Liaison/Individual contribution)

Individual contribution

4. Submission date

1999-07-15

5. Requester's reference (if applicable)

Final Draft JIS X0213 (to appear)

6. This is a complete proposal

Yes

B. Technical - General

1a. This proposal is for a new script? Name?

Five characters are new script.

HIRAGANA EXTENDED

1b. The proposal is for addition of character(s) to an existing block? Name?

Two characters

HIRAGANA

2. Number of characters in proposal

HIRAGANA: 2

HIRAGANA EXTENDED: 5

3. Proposed category

Α

4. Proposed level of implementation and rationale

1

Is a rationale provided for the choice? Yes

If Yes, reference: Enclosed

5. Is a repertoire including character names provided?

Yes

5a. Are the names in accordance with the 'character naming guidelines' in Annex K of ISO/IEC 10646-1?

Yes

5b. Are the character shapes attached in a reviewable form?

Yes

6. Who will provide the appropriate computerized font for publishing the standard?

JCS Committee

If available now, identify source(s) for the font and indicate the tools used.

96 x 96 dots bitmap

7a. Are references (to other character sets, dictionaries, descriptive texts, etc.) provided?

Yes

7b. Are published examples (such as samples from newspapers, magazines, or other sources) of use of proposed characters attached?

Yes

8. Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc.?

C. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before?

No

2. Has contact been made to members of the user community?

Yes

If Yes, with whom? NHK, Japanese community of BIDAKUON

If Yes, available relevant documents? Enclosed

3. Information on the user community for the proposed characters is included?

Yes

Reference JCS Committee

4. The context of use for the proposed characters

Common

If Yes, where? Reference Enclosed

5. Are the proposed characters in current use by the user community?

Yes

If Yes, where? Reference Enclosed

6. After giving due considerations to the principles in "Principles and Procedures" document must the proposed characters be entirely in the BMP?

Yes

If Yes, is a rationale provided? Yes

If Yes, Reference See above

7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?

Yes

8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence ?

Yes

If Yes, is a rationale for its inclusion provided? Yes

If Yes, reference Enclosed

9. Can any of the proposed character(s) be considered to be similar (in appearance of function) to an existing character?

No

10. Does the proposal include use of combining characters and/or use of composite sequences?

No

11. Does the proposal contain characters with any special properties such as control function or similar semantics?

No

D. SC2/WG2 Administrative

To be completed by SC2/WG2

- 1. Relevant SC2/WG2 document numbers:
- 2. Status (list of meeting number and corresponding action or disposition)
- 3. Additional contact to user communities, liaison organizations etc.
- 4. Assigned category and assigned priority/time frame

Doc Type: Working Group Document

Title: Addition of twenty seven characters used by dentists

Source: JCS Committee, Japanese Standards Association (JSA)

Status: JCS proposal Date: 1999-07-15

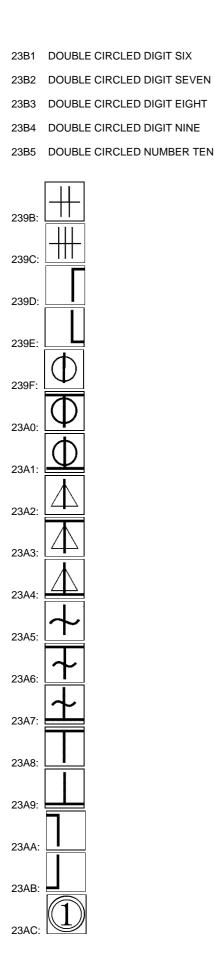
This document proposes twenty seven characters used by dentists, and discusses the rationale for their inclusion.

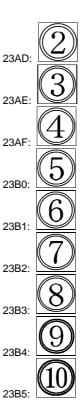
The final draft Japanese Industrial Standard, JIS X0213 is being developed in Japan, and it will be published by the end of this year. The new standard will include all characters in this proposal, so the adoption of them is very important in the view to keep upward compatibility with the Japanese products.

The proposed characters are used by dentists.

The characters proposed to be added here are given below, with proposed code positions. The proposal summary form is appended thereafter.

MISCELLANIOUS TECHNICAL		WITH TRIANGLE		
239B	TWO PLUS	23A5	DENTIST SYMBOL LIGHT VERTICAL AND WAVE	
239C	THREE PLUS	23A6	DENTIST SYMBOL LIGHT DOWN AND HORIZONTAL	
239D	DENTIST SYMBOL LIGHT VERTICAL AND TOP		WITH WAVE	
	RIGHT	23A7	DENTIST SYMBOL LIGHT UP AND HORIZONTAL	
239E	DENTIST SYMBOL LIGHT VERTICAL AND BOTTOM		WITH WAVE	
	RIGHT	23A8	DENTIST SYMBOL LIGHT DOWN AND HORIZONTAL	
239F	DENTIST SYMBOL LIGHT VERTICAL WITH CIRCLE	23A9	DENTIST SYMBOL LIGHT UP AND HORIZONTAL	
23A0	DENTIST SYMBOL LIGHT DOWN AND HORIZONTAL	23AA	DENTIST SYMBOL LIGHT VERTICAL AND TOP	
	WITH CIRCLE		LEFT	
23A1	DENTIST SYMBOL LIGHT UP AND HORIZONTAL	23AB	DENTIST SYMBOL LIGHT VERTICAL AND BOTTOM	
	WITH CIRCLE		LEFT	
23A2	DENTIST SYMBOL LIGHT VERTICAL WITH	23AC	DOUBLE CIRCLED DIGIT ONE	
	TRIANGLE	23AD	DOUBLE CIRCLED DIGIT TWO	
23A3	DENTIST SYMBOL LIGHT DOWN AND HORIZONTAL	23AE	DOUBLE CIRCLED DIGIT THREE	
	WITH TRIANGLE	23AF	DOUBLE CIRCLED DIGIT FOUR	
23A4	DENTIST SYMBOL LIGHT UP AND HORIZONTAL	23B0	DOUBLE CIRCLED DIGIT FIVE	





1. Title

Addition of twenty seven characters used by dentists

2. Requester's name

JCS Committee, JSA

3. Requester type (Member body/Liaison/Individual contribution)

Individual contribution

4. Submission date

1999-07-15

5. Requester's reference (if applicable)

Final Draft JIS X0213 (to appear)

6. This is a complete proposal

Yes

B. Technical - General

1a. This proposal is for a new script? Name?

No.

1b. The proposal is for addition of character(s) to an existing block? Name?

Yes.

MISCELLANIOUS TECHNICAL

2. Number of characters in proposal

27

3. Proposed category

Α

4. Proposed level of implementation and rationale

1

Is a rationale provided for the choice? Yes

If Yes, reference: Enclosed

5. Is a repertoire including character names provided?

Yes

5a. Are the names in accordance with the 'character naming guidelines' in Annex K of ISO/IEC 10646-1?

Yes

5b. Are the character shapes attached in a reviewable form?

Yes

6. Who will provide the appropriate computerized font for publishing the standard?

JCS Committee

If available now, identify source(s) for the font and indicate the tools used.

96 x 96 bitmap

7a. Are references (to other character sets, dictionaries, descriptive texts, etc.) provided?

Yes

7b. Are published examples (such as samples from newspapers, magazines, or other sources) of use of proposed characters attached?

Yes

8. Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc.?

C. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before?

No

2. Has contact been made to members of the user community?

Yes

If Yes, with whom? Osaka University

If Yes, available relevant documents? Enclosed

3. Information on the user community for the proposed characters is included?

Yes

Reference JCS Committee

4. The context of use for the proposed characters

Common

If Yes, where ? Reference Karte (medical record)

5. Are the proposed characters in current use by the user community?

Yes

If Yes, where? Reference

6. After giving due considerations to the principles in "Principles and Procedures" document must the proposed characters be entirely in the BMP?

Yes

If Yes, is a rationale provided? Yes

If Yes, Reference See above

7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?

Yes

8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence ?

Yes

If Yes, is a rationale for its inclusion provided? Yes

If Yes, reference Enclosed

9. Can any of the proposed character(s) be considered to be similar (in appearance of function) to an existing character?

No

10. Does the proposal include use of combining characters and/or use of composite sequences?

No

11. Does the proposal contain characters with any special properties such as control function or similar semantics?

No

D. SC2/WG2 Administrative

To be completed by SC2/WG2

- 1. Relevant SC2/WG2 document numbers:
- 2. Status (list of meeting number and corresponding action or disposition)
- 3. Additional contact to user communities, liaison organizations etc.
- 4. Assigned category and assigned priority/time frame

Doc Type: Working Group Document

Title: Addition of forty enclosed numbers

Source: JCS Committee, Japanese Standards Association (JSA)

Status: JCS proposal Date: 1999-07-15

This document proposes forty enclosed numbers, and discusses the rationale for their inclusion.

The final draft Japanese Industrial Standard, JIS X0213 is being developed in Japan, and it will be published by the end of this year. The new standard will include all characters in this proposal, so the adoption of them is very important in the view to keep upward compatibility with the Japanese products.

The proposed characters are strongly requested by the Japanese government in order to make machine readable of Japanese laws. Enclosed numbers are generally used at anywhere. UCS already includes circled number up to twenty, but it is not nough to write Japanese laws and regulations. So final draft JIS X0213 adopts circled number up to fifty and negative circled number up to twenty.

The characters proposed to be added here are given below, with proposed code positions. The proposal summary form is appended thereafter.

ENCLOSED ALPHANUMERICS		21DC	CIRCLED NUMBER THIRTY THREE
21D0	CIRCLED NUMBER TWENTY ONE	21DD	CIRCLED NUMBER THIRTY FOUR
21D1	CIRCLED NUMBER TWENTY TWO	21DE	CIRCLED NUMBER THIRTY FIVE
21D2	CIRCLED NUMBER TWENTY THREE	21DF	CIRCLED NUMBER THIRTY SIX
21D3	CIRCLED NUMBER TWENTY FOUR	21E0	CIRCLED NUMBER THIRTY SEVEN
21D4	CIRCLED NUMBER TWENTY FIVE	21E1	CIRCLED NUMBER THIRTY EIGHT
21D5	CIRCLED NUMBER TWENTY SIX	21E2	CIRCLED NUMBER THIRTY NINE
21D6	CIRCLED NUMBER TWENTY SEVEN	21E3	CIRCLED NUMBER FORTY
21D7	CIRCLED NUMBER TWENTY EIGHT	21E4	CIRCLED NUMBER FORTY ONE
21D8	CIRCLED NUMBER TWENTY NINE	21E5	CIRCLED NUMBER FORTY TWO
21D9	CIRCLED NUMBER THIRTY	21E6	CIRCLED NUMBER FORTY THREE
21DA	CIRCLED NUMBER THIRTY ONE	21E7	CIRCLED NUMBER FORTY FOUR
21DB	CIRCLED NUMBER THIRTY TWO	21E8	CIRCLED NUMBER FORTY FIVE

21E9	CIRCLED NUMBER FORTY SIX	0455	(34)
21EA	CIRCLED NUMBER FORTY SEVEN	21DD:	
21EB	CIRCLED NUMBER FORTY EIGHT	21DE:	(35)
21EC	CIRCLED NUMBER FORTY NINE	ZIDE.	$\frac{1}{2}$
21ED	CIRCLED NUMBER FIFTY	21DF:	$\bigcirc 0$
21EE	NEGATIVE CIRCLED NUMBER ELEVEN		$\widehat{(27)}$
21EF	NEGATIVE CIRCLED NUMBER TWELVE	21E0:	<u> </u>
21F0	NEGATIVE CIRCLED NUMBER THIRTEEN		(38)
21F1	NEGATIVE CIRCLED NUMBER FOURTEEN	21E1:	
21F2	NEGATIVE CIRCLED NUMBER FIFTEEN	0450	(39)
21F3	NEGATIVE CIRCLED NUMBER SIXTEEN	21E2:	
21F4	NEGATIVE CIRCLED NUMBER SEVENTEEN	21E3:	40
21F5	NEGATIVE CIRCLED NUMBER EIGHTEEN		$\overline{(1)}$
21F6	NEGATIVE CIRCLED NUMBER NINETEEN	21E4:	(F)
21F7	NEGATIVE CIRCLED NUMBER TWENTY		(42)
		21E5:	
	$\overline{(21)}$	0450	(43)
21D0:		21E6:	
	(22)	21E7:	(44)
21D1:			(F)
21D2:	(23)	21E8:	(F)
	<u>2</u>		(46)
21D3:		21E9:	
	(25)	21EA:	(47)
21D4:		ZILA.	10
21D5:	(26)	21EB:	40
2105.	<u> </u>		(19)
21D6:	(21)	21EC:	<u>+0</u>
	28		(50)
21D7:		21ED:	
	(29)	21EE:	W
21D8:		ZILL.	
21D9:	(30)	21EF:	
2109.			12
21DA:	(31)	21F0:	W
	(32)		1
21DB:		21F1:	
	(33)	21F2:	(15)
21DC:		Z 1 F Z .	



1. Title

Addition of forty enclosed numbers

2. Requester's name

JCS Committee, JSA

3. Requester type (Member body/Liaison/Individual contribution)

Individual contribution

4. Submission date

1999-07-15

5. Requester's reference (if applicable)

Final Draft JIS X0213 (to appear)

6. This is a complete proposal

Yes

B. Technical - General

1a. This proposal is for a new script? Name?

No.

1b. The proposal is for addition of character(s) to an existing block? Name?

Yes.

ENCLOSED ALPHANUMERICS

2. Number of characters in proposal

40

3. Proposed category

Α

4. Proposed level of implementation and rationale

1

Is a rationale provided for the choice? Yes

If Yes, reference: Enclosed

5. Is a repertoire including character names provided?

Yes

5a. Are the names in accordance with the 'character naming guidelines' in Annex K of ISO/IEC 10646-1?

Yes

5b. Are the character shapes attached in a reviewable form?

Yes

6. Who will provide the appropriate computerized font for publishing the standard?

JCS Committee

If available now, identify source(s) for the font and indicate the tools used.

96 x 96 dots bitmap

7a. Are references (to other character sets, dictionaries, descriptive texts, etc.) provided?

Yes

7b. Are published examples (such as samples from newspapers, magazines, or other sources) of use of proposed characters attached?

Yes

8. Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc.?

C. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before?

No

2. Has contact been made to members of the user community?

Yes

If Yes, with whom? Management and coordination Agency

If Yes, available relevant documents? Enclosed

3. Information on the user community for the proposed characters is included?

Yes

Reference JCS Committee

4. The context of use for the proposed characters

Common

If Yes, where ? Reference Japanese Laws

5. Are the proposed characters in current use by the user community?

Yes

If Yes, where ? Reference Japanese Laws

6. After giving due considerations to the principles in "Principles and Procedures" document must the proposed characters be entirely in the BMP?

Yes

If Yes, is a rationale provided? Yes

If Yes, Reference See above

7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?

Yes

8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence ?

Yes

If Yes, is a rationale for its inclusion provided? Yes

If Yes, reference Enclosed

9. Can any of the proposed character(s) be considered to be similar (in appearance of function) to an existing character?

No

10. Does the proposal include use of combining characters and/or use of composite sequences?

No

11. Does the proposal contain characters with any special properties such as control function or similar semantics?

No

D. SC2/WG2 Administrative

To be completed by SC2/WG2

- 1. Relevant SC2/WG2 document numbers:
- 2. Status (list of meeting number and corresponding action or disposition)
- 3. Additional contact to user communities, liaison organizations etc.
- 4. Assigned category and assigned priority/time frame

Doc Type: Working Group Document

Title: Addition of twenty five KATAKANA character
Source: JCS Committee, Japanese Standards Association

Status: JCS proposal Date: 1999-07-15

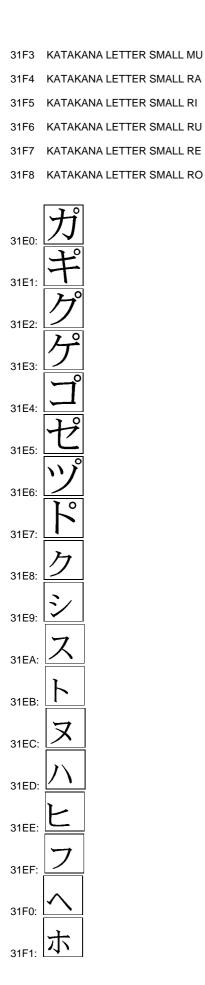
This document proposes twenty five KATAKANA characters used to describe Language of AINU, Japanese aborigine, and discusses the rationale for their inclusion.

The final draft Japanese Industrial Standard, JIS X0213 is being developed in Japan, and it will be published by the end of this year. The new standard will include all characters in this proposal, so the adoption of them is very important in the view to keep upward compatibility with the Japanese products.

Proposed characters are mainly used to describe the AINU Language. Though AINU does not have their own writing system, KATAKANA characters are commonly used to describe them. Characters in this proposal are supplied to the KATAKANA repertoire, and commonly used in the publications such as books and newspapers.

The characters proposed to be added here are given below, with proposed code positions. The proposal summary form is appended thereafter.

KATAKANA EXTENDED	SOUND MARK
31E0 KATAKANA LETTER KA WITH SEMI-VOICED	31E7 KATAKANA LETTER TO WITH SEMI-VOICED
SOUND MARK	SOUND MARK
31E1 KATAKANA LETTER KI WITH SEMI-VOICED SOUND	31E8 KATAKANA LETTER SMALL KU
MARK	31E9 KATAKANA LETTER SMALL SI
31E2 KATAKANA LETTER KU WITH SEMI-VOICED	31EA KATAKANA LETTER SMALL SU
SOUND MARK	31EB KATAKANA LETTER SMALL TO
31E3 KATAKANA LETTER KE WITH SEMI-VOICED	31EC KATAKANA LETTER SMALL NU
SOUND MARK	31ED KATAKANA LETTER SMALL HA
31E4 KATAKANA LETTER KO WITH SEMI-VOICED	31EE KATAKANA LETTER SMALL HI
SOUND MARK	31EF KATAKANA LETTER SMALL HU
31E5 KATAKANA LETTER SE WITH SEMI-VOICED	31F0 KATAKANA LETTER SMALL HE
SOUND MARK	31F1 KATAKANA LETTER SMALL HO
31E6 KATAKANA LETTER TU WITH SEMI-VOICED	31F2 KATAKANA LETTER SMALL PU





1. Title

Addition of twenty five Katakana characters

2. Requester's name

JCS Committee, JSA

3. Requester type (Member body/Liaison/Individual contribution)

Individual contribution

4. Submission date

1999-07-15

5. Requester's reference (if applicable)

Final Draft JIS X0213 (to appear)

6. This is a complete proposal

Yes

B. Technical - General

1a. This proposal is for a new script? Name?

Yes.

KATAKANA EXTENDED

1b. The proposal is for addition of character(s) to an existing block? Name?

No.

2. Number of characters in proposal

27

3. Proposed category

Α

4. Proposed level of implementation and rationale

1

Is a rationale provided for the choice? Yes

If Yes, reference: Enclosed

5. Is a repertoire including character names provided?

Yes

5a. Are the names in accordance with the 'character naming guidelines' in Annex K of ISO/IEC 10646-1?

Yes

5b. Are the character shapes attached in a reviewable form?

Yes

6. Who will provide the appropriate computerized font for publishing the standard?

JCS Committee

If available now, identify source(s) for the font and indicate the tools used.

96 x 96 dots bitmap

7a. Are references (to other character sets, dictionaries, descriptive texts, etc.) provided?

Yes

7b. Are published examples (such as samples from newspapers, magazines, or other sources) of use of proposed characters attached?

Yes

8. Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc.?

C. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before?

No

2. Has contact been made to members of the user community?

Yes

If Yes, with whom? Prof. Sato, Hokkaido University

If Yes, available relevant documents? Enclosed

3. Information on the user community for the proposed characters is included?

Yes

Reference JCS Committee

4. The context of use for the proposed characters

Common

If Yes, where? Reference Enclosed

5. Are the proposed characters in current use by the user community?

Yes

If Yes, where? Reference Enclosed

6. After giving due considerations to the principles in "Principles and Procedures" document must the proposed characters be entirely in the BMP?

Yes

If Yes, is a rationale provided? Yes

If Yes, Reference See above

7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?

Yes

8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence ?

Yes

If Yes, is a rationale for its inclusion provided? Yes

If Yes, reference Enclosed

9. Can any of the proposed character(s) be considered to be similar (in appearance of function) to an existing character?

No

10. Does the proposal include use of combining characters and/or use of composite sequences?

No

11. Does the proposal contain characters with any special properties such as control function or similar semantics?

No

D. SC2/WG2 Administrative

To be completed by SC2/WG2

- 1. Relevant SC2/WG2 document numbers:
- 2. Status (list of meeting number and corresponding action or disposition)
- 3. Additional contact to user communities, liaison organizations etc.
- 4. Assigned category and assigned priority/time frame

Doc Type: Working Group Document

Title: Addition of sixteen characters used in publishing

Source: JCS Committee, Japanese Standards Association (JSA)

Status: JCS proposal Date: 1999-07-15

This document proposes sixteen characters used in the Japanese publishing field, and discusses the rationale for their inclusion.

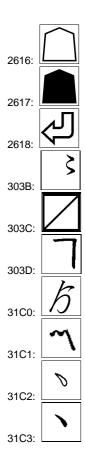
The final draft Japanese Industrial Standard, JIS X0213 is being developed in Japan, and it will be published by the end of this year. The new standard will include all characters in this proposal, so the adoption of them is very important in the view to keep upward compatibility with the Japanese products.

The proposed characters are used generally in any publications and newspapers.

The characters proposed to be added here are given below, with proposed code positions. The proposal summary form is appended thereafter.

2053:

GENE	RAL PUNCTUATION		
2047	DOUBLE QUESTION MARK	<u>EXTE</u>	NDED CJK
204E	DOUBLE HYPHEN	31C0	HIRAGANA DIGRAPH YORI
2050	LEFT DOUBLE PARENTHESIS	31C1	PART ALTERNATION MARK
2051	RIGHT DOUBLE PARENTHESIS	31C2	WHITE SESAME DOT
2052	CIRCLED DOT	31C3	SESAME DOT
2053	DOUBLE ASTE		
MISC	ELLANEOUS SYMBOLS	2047:	??
2616	WHITE SHOGI PIECE	0045	=
2617	BLACK SHOGI PIECE	204E:	<u></u>
2618	RETURN SIGN	2050:	
)
CJK S	SYMBOLS AND PUNCTUATION	2051:	
303B	ITERATION MARK		
303C	MASU MARK	2052:	<u></u>
303D	KATAKANA DIGRAPH KOTO		*



1. Title

Addition of sixteen characters used in publishing

2. Requester's name

JCS Committee, JSA

3. Requester type (Member body/Liaison/Individual contribution)

Individual contribution

4. Submission date

1999-07-15

5. Requester's reference (if applicable)

Final Draft JIS X0213 (to appear)

6. This is a complete proposal

Yes

B. Technical - General

1a. This proposal is for a new script? Name?

No.

1b. The proposal is for addition of character(s) to an existing block? Name?

Yes.

GENERAL PUNCTUATION

MISCELLANEOUS SYMBOLS

CJK SYMBOLS

EXTENDED CJK

2. Number of characters in proposal

GENERAL PUNCTUATION: 6

MISCELLANEOUS SYMBOLS: 3

CJK SYMBOLS: 3

EXTENDED CJK: 4

3. Proposed category

A

4. Proposed level of implementation and rationale

1

Is a rationale provided for the choice? Yes

If Yes, reference: Enclosed

5. Is a repertoire including character names provided?

Yes

5a. Are the names in accordance with the 'character naming guidelines' in Annex K of ISO/IEC 10646-1?

Yes

5b. Are the character shapes attached in a reviewable form?

Yes

6. Who will provide the appropriate computerized font for publishing the standard?

JCS Committee

If available now, identify source(s) for the font and indicate the tools used.

96 x 96 dots bitmap

7a. Are references (to other character sets, dictionaries, descriptive texts, etc.) provided?

Yes

7b. Are published examples (such as samples from newspapers, magazines, or other sources) of use of proposed characters attached?

Yes

8. Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc.?

C. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before?

No

2. Has contact been made to members of the user community?

Yes

If Yes, with whom? Japan book publishers Association, Japanese community of Newspaper

If Yes, available relevant documents? Enclosed

3. Information on the user community for the proposed characters is included?

Yes

Reference JCS Committee

4. The context of use for the proposed characters

Common

If Yes. where? Reference Enclosed

5. Are the proposed characters in current use by the user community?

Yes

If Yes, where? Reference Enclosed

6. After giving due considerations to the principles in "Principles and Procedures" document must the proposed characters be entirely in the BMP?

Yes

If Yes, is a rationale provided? Yes

If Yes, Reference See above

7. Should the proposed characters be kept together in a contiguous range (rather than

being scattered)?

Yes

8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence ?

Yes

If Yes, is a rationale for its inclusion provided? Yes

If Yes, reference Enclosed

9. Can any of the proposed character(s) be considered to be similar (in appearance of function) to an existing character?

No

10. Does the proposal include use of combining characters and/or use of composite sequences?

No

11. Does the proposal contain characters with any special properties such as control function or similar semantics?

No

D. SC2/WG2 Administrative

To be completed by SC2/WG2

- 1. Relevant SC2/WG2 document numbers:
- 2. Status (list of meeting number and corresponding action or disposition)
- 3. Additional contact to user communities, liaison organizations etc.
- 4. Assigned category and assigned priority/time frame