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DF7TV txt2mca     SUPPORTED MORSE CHARACTERS
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LETTERS

A	.-	B	-...	C	-.-.	D	-..
E	.	F	..-.	G	--.	H	....
I	..	J	.---	K	-.-	L	.-..
M	--	N	-.	O	---	P	.--.
Q	--.-	R	.-.	S	...	T	-
U	..-	V	...-	W	.--	X	-..-
Y	-.--	Z	--..				

FIGURES

0	-----	1	.----	2	..---	3	...--
4	....-	5	.....	6	-....	7	--...
8	---..	9	----.				

PUNCTUATION AND OTHER WRITTEN SIGNS

.	.-.-.-	,	--..--
:	---...	?	..--..
'	.----.	-	-....-
/	-..-.	(	-.--.
)	-.--.-	"	.-..-.
=	-...-	+	.-.-.
×	-..-	@	.--.-.

ACCENTED LETTERS (NATIONAL MORSE ASSIGNMENTS)

French and Italian

À	.--.-	Ç	-.-..	È	.-..-	É	..-..

German

Ä	.-.-	Ö	---.	Ü	..--

Spanish

Á	.--.-	Ñ	--.--

ADDITIONAL NON-ITU MORSE EXTENSIONS

Central / Eastern European

Ą	.-.-	Ć	-.-..	Ę	..-..
Ł	.-..-	Ń	--.--	Ó	---.
Ś	...-...	Š	----		

Scandinavian

Å	.--.-	Æ	.-.-	Ø	---.

ADDITIONAL ACCENTED LETTERS (BASE-LETTER MORSE)

Czech

Č	-.-.	Ď	-..	Ě	.
Ň	-.	Ř	.-.	Ť	-
Ů	..-				

French

Â	.-	Ê	.	Ë	.
Î	..	Ï	..	Ô	---
Ù	..-	Û	..-		

Hungarian

Ő	---	Ű	..-		

Italian

Ì	..	Ò	---		

Latvian

Ā	.-	Ē	.	Ģ	--.
Ī	..	Ķ	-.-	Ļ	.-..
Ņ	-.	Ō	---	Ŗ	.-.
Ū	..-				

Lithuanian

Ė	.	Į	..	Ų	..-

Portuguese

Ã	.-	Õ	---		

Romanian

Ă	.-	Ș	...	Ț	-

Slovak

Ĺ	.-..	Ľ	.-..	Ŕ	.-.

Spanish

Í	..	Ú	..-

Turkish

Ğ	--.	İ	..	Ş	...

Other Central / Eastern European

Ž	--..	Ź	--..	Ż	--..

PROSIGNS

<AR>	.-.-.			
<AS>	.-...			
<BT>	-...-			
<HH>	....			
<KA>	-.-.-	<CT>	-.-.-	(Alias of <KA>)
<KN>	-.--.			
<SK>	...-.-			
<SN>	...-.	<VE>	...-.	(Alias of <SN>)

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NOTES

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Lowercase letters are automatically converted to uppercase by the script and are accepted as input, with the exception of the German letter eszett (U+00DF), which is handled separately.

Non-ITU Morse extensions are additional Morse sequences that are not part of the ITU international Morse standard. Their use may vary between countries and references.

Accented characters listed under ADDITIONAL ACCENTED LETTERS are encoded using the Morse sequence of their corresponding base letter (simplified approximation).

The German letter ß (eszett, U+00DF) is accepted as input and encoded as the two separate Morse characters S (...) and Z (--..). This is based on German naval practice, but is not a national Morse assignment.

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