

MEMBER NAME MORSEBIT

MORSE - ALFABETET OMREGNET TIL BIT-VÆRDIER						
INCL. TEGNENES HYPPIGHEDS-FOREKOMST I DANSK OG ENGELSK 09.APR.87						
MORSE SYMBOL	BITS	RELATIV HYPPIGHED		(BITS * HYPPIGHED)		0 Z I C A R
		DANSK	ENGELSK	DANSK	ENGELSK	TEGN
***** ALFABETET *****						
.-	08	5,6	8,25	44,8	66,00	A
.....	12	1,4	1,78	16,8	21,36	B
-. .	14	0,1	3,14	1,4	43,96	C
.. .	10	6,7	3,38	67,0	33,80	D
. . .	04	16,6	12,77	66,4	51,08	E
.. - .	12	2,6	2,38	31,2	28,56	F
-. -.	12	4,4	2,04	52,8	24,48	G
.. . .	10	2,1	5,06	21,0	50,60	H
. . . .	06	5,8	7,03	34,8	42,18	I
-. -. .	16	0,6	0,19	9,6	3,04	J
-. -. .	12	3,2	0,58	38,4	6,96	K
.. . .	12	5,1	4,30	61,2	51,60	L
-. . .	10	3,7	2,29	37,0	22,90	M
-. . .	08	7,7	7,02	61,6	56,16	N
-. -. .	14	4,5	7,13	63,0	99,82	O
.. -. .	14	1,3	2,03	18,2	28,42	P
-. -. .	16	0,02	0,14	0,3	2,24	Q
.. . .	10	8,0	6,30	80,0	63,00	R
.. . .	08	5,5	7,06	44,0	56,48	S
-. . .	06	7,2	9,17	43,2	55,02	T
.. . .	10	1,6	2,83	16,0	28,30	U
.. . .	12	2,7	1,20	32,4	14,40	V
-. -. .	12	0,02	1,80	0,2	21,60	W
.. . .	14	0,02	0,28	0,3	3,92	X
-. -. .	16	0,6	1,76	9,6	28,16	Y
.. . .	14	0,02	0,09	0,3	1,26	Z
.. . .	14	0,8		11,2		Æ
-. -. .	16	0,9		14,4		Ø
.. . .	18	1,3		23,4		Å
IALT ->	340	100,08	100,0	900,5	905,30	29 TEGN
***** SPECIELLE BOGSTAVER						
----	18					CH
.. - . .	14					FRANSK E
-. -. .	20					SPANSK N
.. -. .	14					U-UMLAUT (TYSK Y)
IALT ->	66					4 TEGN
***** TAL-RÆKKEN *****						
----	22					0
.. -. .	20					1
.. -. .	18					2
.. -. .	16					3
.. -. .	14					4
.. -. .	12					5
.. -. .	14					6
.. -. .	16					7
.. -. .	18					8
.. -. .	20					9
IALT ->	170					10 TEGN
***** SPECIAL-TEGN *** (14						
.. -. .	20					. PUNKTUM
.. -. .	18					(VENSTRE-PARENTES
.. -. .	16					UDRÅBSTEGN
.. -. .	22) HØJRE-PARENTES
.. -. .	18					- BINDESTREG
.. -. .	16					/ SKRÅSTREG
.. -. .	22					, KOMMA
.. -. .	18					? SPØRGSMÅLSTEGN
.. -. .	20					: KOLON
.. -. .	22					' APOSTROF
.. -. .	16					= LIGHEDS / SKILLETEGN
.. -. .	18					" ANFØRSELSTEGN
.. -. .	20					; SEMIKOLON
.. -. .	20					UNDERSTREGNING
IALT ->	266					14 TEGN
***** ANDRE TEGN ***** (06						
.. -. .	18					KA TELEGRAM START
.. -. .	14					AS VENT
.. -. .	14					SN FORSTÅET
.. -. .	18					SK TRANSMISS.TOTAL SLUT
.. -. .	16					AR TELEGRAM SLUT EL. +
.. -. .	18					FEJL-OMPRIKNING
IALT ->	98					6 TEGN

Q — and Z — Codes Assembled by OZ1CAR
CODE, ? = Question, := Answer

QRA	? = What is the name of your station? := The name of my station is ...
QRB	? = How far approximately are you from my station? := The approximate distance between our stations is ... nautical miles (or Kilometers)
QRC	? = By what private enterprises (or State Administration) are the accounts for charges for your station settled? := The accounts for charges for your station are settled by the private enterprises ... (or State Administration)
QRD	? = Where are you bound for and where are you from? := I am bound for ... from ...
QRE	? = What is your estimated time of arrival at ... := My estimated time of arrival at ... (or over ... (places) is ... hours)
QRF	? = Are you returning to ... (place)? := I am returning to ... (place)
QRG	? = Will you tell me my exact frequency (or that of ...)? := Your exact frequency (or that of ...) is ... Kc/s (or Mc/s)
QRH	? = Does my frequency vary? := Your frequency varies
QRI	? = How is the tone of my transmission? := The tone of your transmission is ... 1. good 2. variable 3. bad
QRJ	? = How many marine telephone calls have you to book? := I have ... marine telephone calls to book
QRK	? = What is the intelligibility of my signals (or those of ...)? := The intelligibility of your signals (or those of ...) is ... 1. bad 2. poor 3. fair 4. good 5. excellent
QRL	? = Am I busy? := I am busy (or I am busy with ...). Please do not interfere
QRM	? = Are you being interfered with? := I am being interfered with ... 1. nil 2. slightly 3. moderately 4. severely 5. extremely
QRN	? = Are you troubled by static / atmospheric noise? := I am troubled by static ... 1. nil 2. slightly 3. moderately 4. severely 5. extremely
QRO	? = Shall I increase transmitter power? := Increase transmitter power
QRP	? = Shall I decrease transmitter power? := Decrease transmitter power
QRQ	? = Shall I send faster? := Send faster (... words per minute)
QRR	? = Are you ready for automatic operation? := I am ready for automatic operation. (send at ... words per minute)
QRS	? = Shall I send more slowly? := Send more slowly (... words per minute)
QRT	? = Shall I stop sending? := Stop sending
QRU	? = Have you anything for me? := I have nothing for you
QRV	? = Are you ready? := I am ready
QRW	? = Shall I inform ... that you are calling on him ... Kc/s (or Mc/s)? := Please inform ... that I am calling him on ... Kc/s (or Mc/s)
QRX	? = When will you call me again? := I will call you again at ... hours on ... Kc/s (or Mc/s)
QRY	? = What is my turn? (Relates to communication) := Your turn is Number ... (or according to any other indication)
QRZ	? = Who is calling me?

QSA	? = What is the strength of my signals (or those of ...)? := The strength of your signals (or those of ...) is ... 1. Scarcely perceptible 2. Weak 3. Fairly good 4. Good 5. Very good
QSB	? = Are my signals fading? := Your signals are fading
QSC	? = Are you a cargo vessel? := I am a cargo vessel
QSD	? = Is my keying defective? := My keying is defective
QSE	? = What is the estimated drift of the survival craft? := The estimated drift of the survival craft is ... (figs and units)
QSF	? = Have you effected rescue? := I have effected rescue on proceeding to ... base (with ... persons injured requiring ambulance)
QSG	? = Shall I send ... telegrams at a time? := Send ... telegrams at a time
QSH	? = Are you able to home on your Direction Finding equipment? := I am able to home on my D/F equipment (on station ...)
QSI	? = I have been unable to break in on your transmission. (or Will you inform ... call sign on ... Kc/s (or Mc/s) break in on his transmission on ... Kc/s (or Mc/s))
QSU	? = What is the charge to be collected to ...? := Including your internal charge?
QSK	? = Can you hear me between your signals and if so can I break in on your transmission? := I can hear you between my signals. Break in on my transmissions is ... francs.
QSL	? = Can you acknowledge receipt? := I am acknowledging receipt
QSM	? = Shall I repeat the last telegram which I sent you (or some previous telegram)? := Repeat the last telegram which you sent me (or telegram(s) number(s) ...)
QSN	? = Did you hear me (or ... call sign) on ... Kc/s (or Mc/s)? := I did hear you (or ... call sign) on ... Kc/s (or Mc/s)
QSO	? = Can you communicate with ... direct or by relay? := I can communicate with ... direct (or by relay through ...)
QSP	? = Will you relay to ... free of charge? := I will relay to ... free of charge
QSQ	? = Have you a doctor on board (or is ... name of person on board)? := I have a doctor on board (or ... name of person is on board)
QSR	? = Shall I repeat the call on the calling frequency, did not hear you (or have interference)? := Repeat your call on the calling frequency, did not hear you (or have interference)
QSS	? = What working frequency will you use? := I will use the working frequency ... Kc/s (normally only the last three figures of the frequency need be given)
QSU	? = Shall I send or reply on this frequency (or on ... Kc/s (or Mc/s) with emissions of class ...)? := Send or reply on this frequency (or on ... Kc/s (or Mc/s) with emissions of class ...)
QSV	? = Shall I send a series of V's on this frequency (or ... Kc/s (or Mc/s)) (or ... Kc/s (or Mc/s))? := Send a series of V's on this frequency (or ... Kc/s (or Mc/s)) with emissions of class ...
QSW	? = Will you send on this frequency (or on ... Kc/s (or Mc/s)) with emissions of class ...? := I am going to send on this frequency (or on ... Kc/s (or Mc/s)) with emissions of class ...

QSX	? = Will you listen to ... (call sign(s)) on ... Kc/s (or Mc/s)? := I am listening to ... (call sign(s)) on ... Kc/s (or Mc/s)
QSY	? = Shall I change to transmission on another frequency? := Change to transmission on another frequency (or on ... Kc/s (or Mc/s))
QSZ	? = Shall I send each word or group more than once? := Send each word or group twice (or ... times)
QTA	? = Shall I cancel telegram number ...? := Cancel telegram number ...
QTB	? = Do you agree with my counting of words? := I do not agree with your counting of words. I will repeat the first letter or digit of each word or group.
QTC	? = How many telegrams have you to send? := I have ... telegrams for you (or for ...)
QTD	? = What has the rescue vessel (or rescue craft) recovered? := (The ... (number) survivors 2. wreckage 3. (number) bodies.
QTE	? = What is my TRUE bearing from you? := Your TRUE bearing from me is ... degrees at ... hours or Your TRUE bearing from ... (c/s) from ... (c/s) is ... degrees at ... hours.
QTF	? = Will you give me the position of my station according to the bearings taken by the D/F stations which you control? := The position of your station according to the bearings taken by the D/F stations which I control was ... latitude ... longitude (or other indication of position). Class ... at ... hours.
QTG	? = Will you send two dashes of ten seconds each followed by your call sign (repeated ... times) (on ... Kc/s (or Mc/s))? := I have requested ... to send two dashes of ten seconds followed by the call sign (repeated ... times) on ... Kc/s (or Mc/s). I have requested ... to send two dashes of ten seconds followed by the call sign (repeated ... times) on ... Kc/s (or Mc/s).
QTH	? = What is your position in latitude and longitude (or according to any other indication)? := My position is ... latitude ... longitude (or according to any other indication).
QTI	? = What is your TRUE track? := My true track is ... degrees.
QTJ	? = What is your speed? (requests the speed of a ship or aircraft through the water or air respectively). := My speed is ... knots (or ... kilometers per hour or ... statute miles per hour). (Indicates the speed of a ship or aircraft through the water or air respectively).
QTL	? = What is your TRUE heading? := My TRUE heading is ... degrees.
QTM	? = What is your MAGNETIC heading? := My MAGNETIC heading is ... degrees.
QTN	? = At what time did you depart from ... (place)? := I departed from ... (place) at ... hours.
QTO	? = Have you left dock (or port)? := I have left dock (or port).
QTP	? = Are you going to enter dock (or port)? := I am going to enter dock (or port).
QTQ	? = Can you communicate with my station by means of the International Code of Signals? := I am going to communicate with your station by means of the International Code of Signals.
QTR	? = What is the correct time? := The correct time is ... hours.
QTS	? = Will you send your call sign for tuning purposes or so that your

Q - and Z - Codes Assembled by OZ1CAR
CODE, ? = Question, := Answer

NOTE
 1. Z-codes with an asterisk indicates U.S. Military Usage.
 2. Numbers 1-5 following the Z-code mean:
 1, Very slight, 2, Slight, 3, Moderate, 4, Severe, 5, Extreme

ZAA * You are not observing circuit discipline.
ZAB * Your speed key is improperly adjusted.
ZAC * Advise (Call sign of) frequency you are reading.
ZAD * Cease using speed key.
ZAE * Signal (1) Not understood (2) Not held.
ZAF * Unable to receive you, try via ____.
ZAG * Reroute the circuit by patching.
ZAH * Run (times) (k, s, mh, etc.)
ZAI * I am not ready to speak you.
ZAJ * Alter your word length.
ZAK * Closing down, due to ____.
ZAL * We can receive absolutely nothing.
ZAM * Transmit only msg's of above precedence ____.
ZAN * Can't understand voice. Use telegraph.
ZAO * Acknowledge, please.
ZAP * Work (simplex, duplex, mux, sb).
ZAQ * Lost word received (sent) was ____.
ZAR * Revert to Automatic Relay.
ZAS * Revert to Automatic Relay.
ZAT * Punching tape for transmission.
ZAV * Send blind until advised.
ZAW * Send on (kcs). Will confirm later.
ZAX * You are causing interference.
ZBA * Cause of delay is (time).
ZBB * Following was sent (time) to ____.
ZBC * Retransmit message ____ to ____.
ZBD * You are sending upper case.
ZBE * Listen for telephony.
ZBF * Do not use break-in.
ZBG * Put (speed opr.) this frequency.
ZBH * Break and go ahead with New slip.
ZBI * I have traffic.
ZBJ * (1) Characters indistinct (2) Spacing bad.
ZBK * When and on what frequency was message received ____.
ZBL * Break circuit (Returning).
ZBM * Blat (send by (1) Dot heavy (2) Dots light).
ZBN * Court. Stop as ____ groups.
ZBO * Report when in communication with ____.
ZBP * Answer on ____ mc to (kcs).
ZBQ * I shift (or ask) to (kcs).
ZBR * Pull Back your tape one yard.
ZBS * Circuit Affected. Make readable signals.
ZBT * Circuit Broken. Signal unheard.
ZBU * Your solution is Different.
ZBV * Check your center frequency, please.
ZBW * Circuit Interrupted. Running and available.
ZBX * Check Keying.
ZBY * Transmit call letters intelligibly.
ZBZ * Your Collation Omitted.
ZCA * Conditions Poor. Increase to maximum.
ZCB * Using concentrator. Make warning signals.
ZCC * Cease Sending.
ZCD * Send Code twice.
ZCE * Are you in direct Communication with ____?
ZCF * Hr. formal message, priority ____ advise.
ZCG * Expedite reply to my ____.
ZCH * Diagnosing Circuit faults, will advise.
ZCI * (2) Advise disposal, (3) Cancelling, (4) Btr. ads.
ZCJ * Message undelivered.
ZCK * Frequency is Drifting to degree indicated, 1-5.
ZCL * Accuracy of following doubtful.
ZCM * Your Dots are too heavy (long).
ZCN * Your Dots are too light (short).
ZCO * This is a multiple-address message.
ZCP * Report disposal of message ____ at ____ by ____ correct version is ____.
ZCQ * Message just transmitted erroneous. Correct version is ____.

ZDI * Following Transmitters running Dual.
ZDJ * Don't Transmit exercise messages until advised.
ZDK * Our Dots Varying length, please remedy.
ZDL * Private message received for ____ Advise.
ZDM * No private message until ordered.
ZDN * Have you received message ____?
ZDO * Experiencing Drop-outs, 1-5.
ZDP * We are Experiencing Fill-ins, 1-5.
ZDQ * We are Experiencing Gables, 1-5.
ZDR * Accuracy of heading doubtful.
ZDS * No answer required.
ZDT * This message is correction to ____.
ZDU * This message is assigned later.
ZDV * This message is being retransmitted.
ZEA * Exercise (drill message).
ZEB * Failing Auto.
ZEC * Message intercepted or copied blind.
ZED * Signals are fading badly.
ZEE * Pass this message to ____.
ZEF * Check your FSK shift, please.
ZEG * Depth of Fading is as indicated, 1-5.
ZEH * This message is suspected duplicate.
ZEI * Advise when message received by ____ Comment.
ZEJ * Revert to FSK.
ZEK * Revert to FSK.
ZEL * Frequency Faded out.
ZEM * Frequency shift your signal is ____ cps.
ZEN * Rapidly of Fading is as indicated, 1-5.
ZEO * Cancel transmission.
ZEP * Signals are Fading Slightly.
ZEQ * Send (Answer).
ZER * Make call slips more distinctly.
ZES * Please Give Priority.
ZET * Your signals getting stronger.
ZEU * Your signals getting weaker.
ZFA * How are conditions for Auto reception?
ZFB * How are you receiving conditions?
ZFC * Sarrnic radiation from transmitter.
ZFD * Send High Speed auto ____ wpm.
ZFE * We are holding your ____ wpm.
ZFF * Industrial or Medical interference, 1-5.
ZFG * Increase power.
ZFH * You have strong Idle Radiation.
ZFI * You have strong Atmospheric Interference, 1-5.
ZFJ * Frequency Jumping to degree indicated, 1-5.
ZFK * Who is controlling station? or I am ____.
ZFL * Permission of necessary before slip ____.
ZFM * Take down reports into circuit (net).
ZFN * Station leaves net temporarily.
ZFO * Closing down until ____.
ZFP * Revert to ON/OFF keying.
ZFQ * Say when ready to resume.
ZFR * What Stations Keeping watch on ____?
ZFS * Keying Weight is ____ percent.
ZFT * Give Long Breaks, please.
ZFU * We are getting Lamp Dash from you.
ZFV * Distorted Landing control signals.
ZFW * Low (minimum) Power.
ZFX * We are suffering from lightning storm.
ZFY * Magnetic activity.
ZFZ * Stand by moment.
ZGA * Mispunch or Perforator failures.
ZGB * Stand by for ____ mark bias.
ZGC * Multipath making ____ mark bias.
ZGD * No Breaks, we send twice.
ZGE * Authentication is ____.
ZGF * No communications with ____.
ZGG * All stations authenticate.
ZGH * You are misusing Authenticator.
ZGI * Receiving conditions Not Good for code.
ZGJ * No call letters (identification) heard.
ZGK * All clear of traffic.
ZGL * Not on the air.
ZGM * Here New Slip.
ZGN * Here New Slip.
ZGO * Have checked (call - letters) ____ OK.
ZGP * Relay to your sub-stations.

ZOD * Observing ____ will transfer when better.
ZOE * Act as radio link between me and ____.
ZOF * Can you accept message? (or) Give me message.
ZOG * Relay this message.
ZOH * Transmit your message (give info.).
ZOI * What is your message (give info.)?
ZOJ * We are receiving OK.
ZOK * Relay this message via ____.
ZOL * OK On Line.
ZOM * Mail delivery permissible.
ZON * Transmit Only Reversals.
ZOO * Give Instructions for routing traffic.
ZOP * Obtain retransmission of message ____.
ZOQ * Printer line Advance not received.
ZOR * Your speech does not return not received.
ZOS * Signals fading, 1-5.
ZOT * Punch Everything.
ZOU * Printer motor Fast.
ZOV * Send Plain Once.
ZOW * Punch Plain only.
ZOX * Return slip at Present Running.
ZOY * Printer motor Slow.
ZOZ * Send Plain Twice.
ZRA * Reverse Auto tape.
ZRB * My frequency OK? Your frequency is ____.
ZRC * Relay signal Bad, adjust receiver.
ZRD * Check your frequency on this circuit.
ZRE * Can you Receive Code?
ZRF * Shall I, or tune your transmitter ____.
ZRG * Hear you best on (kcs).
ZRH * Send tuning signals on present frequency.
ZRI * Reverse Keying.
ZRI * Return slip before one now running.
ZRI * Please (times) modulation from ____.
ZRI * I receive (uh, sh, sp s).
ZRI * Rough Note.
ZRI * Are you receiving OK?
ZRI * Run Reversals.
ZRI * Return message No. ____.
ZRI * Revert to Traffic.
ZRI * Run test slip, please.
ZRI * Send Faster.
ZRI * Send (times) here.
ZRI * Please furnish Signal Intensity.
ZRI * Microvolt input to receiver is ____.
ZRI * Give SINPO report on ____.
ZRI * S = Signal strength, O = Overall readability.
ZRI * P = Propagation.
ZRI * Your Signal Strong and Readable.
ZRI * Send Slips Twice.
ZRI * Transmit Slips ____.
ZRI * Your Slips are Unreadable.
ZRI * Your Speed Varying.
ZRI * Transmit by Auto.
ZRI * Transmit by Hand.
ZRI * Transmission temporarily interrupted.
ZRI * Conditions Unsuitable for Automatic recording.
ZRI * Timing signal will be transmitted.
ZRI * We have been unable to break you.
ZRI * Use (times) every ____ Will do so at ____.
ZRI * Affirmative (Yes).
ZRI * Negative (No).
ZRI * Unable to comply.
ZRI * Wait. Stand by.
ZRI * Varying Bias.
ZRI * Signals Varying in Frequency.
ZRI * Send V's Please.
ZRI * Press at once to sub-stations.
ZRI * Signals Varying in Intensity.
ZRI * Name of operator on watch.
ZRI * Wipers or Clicks here.
ZRI * Send words once.
ZRI * Your signals weak but readable.
ZRI * Wavelength (frequency) is Swinging, 1-5.
ZRI * Send words twice.
ZRI * What is your speed of transmission?
ZRI * Incorrect.
ZRI * You are correct.
ZRI * Try again.