

SECTION C

ENCODE

DIRECTION FINDING

KEY	QUESTION	ANSWER, ADVICE OR ORDER	SIGNAL	
BEARINGS	Do you intend to ask me for a series of bearings?	I intend to ask you for a series of bearings.	QDL	
	What was bearing of unknown station (or station using call sign...) at...(time) (on...kHz (or MHz))?	Bearing of unknown station (or station using call sign...) was...(at ...time) class...(on... kHz (or MHz)).	ZMA	
		Bearing of you (or of...) was...(class...) from me (or from...) at...(time).	ZMB	
		Bearing of station which answered message (or transmission) from...was ...(at...(time)) class... (on...kHz (or MHz)).	ZMC	
		1. Your bearing appears to be between...degrees and...degrees, and sense indicates you are to the ...(direction) of this station; 2. Your bearing is changing rapidly.	ZMD	
		Pass in direction finding bearing (of...) obtained on...kHz (or MHz) (or between...and ...kHz (or MHz)).	ZME	
		Will you endeavor to obtain a direction finding bearing of station now transmitting (or of...) (on...kHz (or MHz))?	Bearing of station now transmitting (or of...) (on...kHz (or MHz)) was...(class...) sense determined at...	ZMF
			This bearing (course or position) is unreliable. Error in excess of class C Bearing (or position) may amount...degrees or miles).	ZMG
	Check...(1. Correctness of last QDR; 2. Sense of last QDR; 3. Correctness of last QDM; 4. Sense of last QDM).		ZMJ	

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KEY	QUESTION	ANSWER, ADVICE OR ORDER	SIGNAL
BEARINGS (Cont'd)		Cannot determine your (or...'s...(1. Position; 2. Bearing).	ZMK
		Increase height to enable more accurate bearing to be completed.	ZMM
BEARINGS, MAGNETIC	What is my MAGNETIC bearing from you (or from...)?	Your MAGNETIC bearing from me (or from...) was ...degrees (at...hours).	QDR
BEARINGS, TRUE	What is my TRUE bearing from you?	Your TRUE bearing from me is...degrees (at...hours).	QTE
	or What is my TRUE bearing from...(call sign)?	or Your TRUE bearing from...(call sign) was...degrees (at...hours).	
	or What is the TRUE bearing of...(call sign) from...(call sign)?	or The TRUE bearing of...(call sign) from...(call sign) was...degrees at...hours.	
DISTANCE	What is my distance to your station (or to...)?	Your distance to my station (or to...) is... (distance figures and units). Note: This signal is normally used in conjunction with one of the signals QDM, QDR, QTE or QUJ.	QGE
	How far approximately are you from my station?	The approximate distance between our stations is... nautical miles (or...kilometers).	QRB
GUARD		Take over direction finding guard as previously ordered (on...kHz (or MHz)) (from...to...kHz (or MHz)).	ZMR

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KEY	QUESTION	ANSWER, ADVICE OR ORDER	SIGNAL
HOMING		Change over to loop direction finding on... kHz (or MHz) (and home on transmissions made by...).	ZMN
LISTEN	<p>Will you send two dashes of ten seconds each followed by your call sign (repeated ...times) (on... kHz or MHz)?</p> <p>or</p> <p>Will you request... to send two dashes of ten seconds followed by his call sign (repeated... times) on...kHz (or MHz)?</p>	<p>I am going to send two dashes of ten seconds each followed by my call sign (repeated...times) (on kHz (or MHz)).</p> <p>or</p> <p>I have requested...to send two dashes of ten seconds followed by his call sign (repeated... times) on...kHz (or MHz).</p>	QTG
		<p>...(1. Listen (for...) on direction finding on ...kHz, (or MHz)(or between...and...kHz (or MHz)); 2. Shift to direction finding frequency... and listen for call sign ...).</p>	ZMU
POSITION	<p>Will you give me the position of my station according to the bearings taken by the D/F stations which you control?</p> <p>What is your position in latitude and longitude (or according to any other indication)?</p> <p>What is my position by direction finding bearing from nearest landmark (or from...)?</p>	<p>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.</p>	QTF
		<p>My position is...latitude ...longitude (or according to any other indication).</p>	QTH
		<p>Your position by direction finding cross bearings from nearest landmark (or from ...) is...(class...) at... (hours).</p>	ZMO

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POSITION (Cont'd)		Endeavor to plot position from bearings taken on station(s) now transmitting (or of...) (on...kHz (or MHz)).	ZMP
		Cannot determine your position, you are in line or nearly in line with direction finding station baseline.	ZMQ
PROCEDURE		Surface craft using call sign...cooperating. Change to...kHz (or MHz) and follow direction finding procedure when called.	ZMH
		Carry out short direction finding procedure (as locally prescribed).	ZMS
SENSE		Sense determination unreliable, bearing may be reciprocal.	ZMT