

無線電報收發講義

軍事委員會軍事交通研究所編印

第一節 萬國通用無線電碼及符號

(a) 國英文字母及符號

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. — — — .		



Mr 2336

á. — — — . — (以上西班牙國用)

ã. — . — —

ö. — — — .

ü. .. — — (以上德國用)

ë. .. — . (法國用)

ch. — — — — (普通均用)

Period (.)	Semi Colon (;) — . — . — .
Comma (,) . — . — . —	Exclamation (!) — — — . — .
Colon (:) — — — —	Hyphen (—) — — — . — . — .
Apostrophe (') . — — — —	Bar () — — — .
Parenthesis (()) — . — — — .	Question mark (?) .. — — — .
Inverted Comma (``) . — . — . — .	



understand ... — . Wait . — ...
 Error (nine dots) Begin — . — . —
 Break (new line) — . . . —
 End of message . — . — .
 Transmission Finished (End of work) (a) . . . — . —

(b) 萬國通用無線電碼數目字 (又名 long Figure)

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

(c) 中文電碼用數目字 (又名 Short figure)

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

附註(一)零(0)字在長數目字內，有時亦以短數目之零字代用，以求簡便，惟用短數目零字時，不以長數目零字代用，

附註(二)電碼符號間點與畫點與點或畫與畫之間，皆有一定距離，茲分述如下：

- (1) 一畫等於三點
- (2) 點與點畫與畫或點與畫間之距離等於一點
- (3) 字母間之距離等於三點
- (4) 字與字間之距離等於五點
- (5) 句與句間之距離等於七點

第二節 收發應注意各點

(a) 準確

無線電收發電碼全憑聽覺以辨別字母，無形跡可以查考，故收發時，務須力求準確，如或稍有錯誤，於平常商電中，尚可以意會之，而在軍旅中則雖一字之誤，其關係極大，故必須十分準確，不容絲毫錯誤，以免牽動大局，又或危及自身，初學收發者，常有某字母等不易分別，或某字母與某字母時致抄錯，準確與否，自不能決，欲免此弊須知其弊之所在使多聽而留神，从而自可察矣，發報者最須點畫分明，一絲不亂，由慢而速，心手如一，從容不迫，則準確自不待言矣。

(b) 敏捷

收發一有基礎，必須逐漸練習迅速，否則收報時，必覺速率太高之苦，發報時又現老大遲鈍之態，不惟空費時間，亦且虛耗電力，若在行伍之間，消息之迅速與否，關係甚大，往往以電報之遲速，牽及全軍之安危，故吾人宜力矯遲鈍之弊，力求敏捷，惟須注意者，即初學時在求準確，而不在迅速，使有相當基礎，然後乘自然之趨勢，逐漸增進速率，如此得心應手，始收敏捷之效，否則若徒求迅速而忽略準確，則不良習慣一成，始難改正矣，學者其注意之。

(c) 速寫

吾人在初練收報時，偶成聽覺困難，不覺手搖遲慢，若練習既久，速率每分鐘在一百字母以上，則於抄寫上亦成困難，有時反有耳所能聽，而手不及抄寫，或雖能勉強抄錄而字跡潦草不易辨別，則學者除注重準確敏捷之外，速寫字母亦須切實練習，當初學時須特別留心，如何能抄寫迅速，如何使字跡端正秀麗，養成良好之習慣，以得最優之成績，抄報時，據多數人之經驗，用鉛筆為最宜。

第三節 無線電報收發程序摘要

I 必要的條件 無線電報收發者，即以吾人之耳力手法，使電報因以拍發與接收無誤意也，然收發何以即可使之無誤，此指錯在長時之訓練，以養成技術之熟練始克達到此點，得心應手，惟吾人尤當注意迅速，正確，清晰，三者不可缺一，蓋通訊之要，非迅速則失之遲鈍難奏功效，非正確則失之錯誤，雖迅速亦無俾於事，非清晰

則失之模糊，使人不辨其所為，此外并須施之以忍耐，臨之以謹慎，專心一意，驅除雜念，然後始能完成其職務焉。

2 電報之內容 摩電文之長短不同，文字之種類各異，要不外乎四部：

1. 報頭 Preamble 包括號數，等級，字數，發報台，日期，時間，附註，等
2. 收報人地址 Address
3. 本文 Text
4. 簽名 Signature

例如：——

無線電報 附註					
Via Cable Code					
號數	154/72	等級	S	字數	10
發報台	xof	日期	18/7	時間	14.50
xkn					
2581		7653		4269 7815	
2639		4251		9854 2138	
Seal					

報頭

收報地址

本文

簽名

3 電報之拍發 每一電報，於開始拍發之前，必先發 (msg)，以示有電報致對方，繼之以 (ch)，以示電文係中文，使對方明白胸中，不致錯亂，倘電文而係洋

簡語	問句	答句
QRA	What is the name of your station? 貴台何名	The name of my station is 本台名
QRB	At what approximate distance are you from my station ? 貴台距本台遠近如何	The approximate distance between our stations is Nautical miles (orkilometers) 本台距貴台的.....海里 (或.....基羅米突)
QRC	By what private company (or government administration) are the accounts for charges of your station liquidated ? 貴台報費歸入何公司 (或何管 理局) 賬內	The accounts for charges of my station are liquidated by the private company (or by the government administration of) 本台報費應歸.....公司 (或.....管理局) 賬內
QRD	Where are you going ? 貴台何往	I am going to 本台往.....
QRE	What is the nation ality of your station ? 貴台屬於何國	The nationality of my station is 本台屬於.....國
QRF	Where do you come from ? 貴台來自何處	I come from 本台來自.....
QRG	Will you indicate to me my exact wave length in meters (or frequency in kilocycles) ? 請將本台準確波長為若干米突 (或	Your exact wave length is meters is (or kilocycles) 貴台準確波長為.....米突 (或周率為基羅周)

周率為每秒若干基羅周)告知本台

- | | | |
|-------|--|---|
| QRH : | What is your exact wave length in meters (frequency in kilocycles) | My exact wave length is ... meters (frequency kilocycles) |
| | 貴台準確波長為若干米突 (或周率為若干.....基羅周) | 本台準確波長為.....米突 (或周率為.....基羅周) |
| QRI | Is my tone bad? | Your tone is bad. |
| | 本台音調惡劣否? | 貴台音調惡劣? |
| QRJ | Are you receiving me badly? | I can not receive you your signals |
| | Are my signals weak? | are too weak. |
| | 貴台收報困難否? | 本台不能收到貴台電報, 貴台信號太弱。 |
| | 本台信號太弱否? | |
| QRK | Are you receiving me well? | I receive you well your signals |
| | Are my signals good? | are good |
| | 貴台收報尚易否? | 本台收報尚易, 貴台信號尚佳。 |
| | 本台信號尚佳否? | |
| QRL | Are you busy? | I am busy, or (I am busy with ...) |
| | 貴台忙否? | Please do not interfere, |
| | | 本台甚忙, 或(本台忙於.....) 請勿騷擾。 |
| QRM | Are you being interfered with? | I am being interfered with. |
| | 貴台被騷擾否? | 本台現被騷擾。 |
| QRN | Are you troubled by atmospherics? | I am troubled by atmospherics. |
| | 貴台被天電騷擾否? | 本台現被天電騷擾? |

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QRO	Must I increase power? 本台須增電力否?	I increase power. 請增電力。
QRP	Must I decrease power? 本台須減電力否?	Decrease power. 請減電力。
QRQ	Must I send faster? 本台須拍數稍速否?	Send faster (..... words per minute) 請拍數稍速(或請每分鐘拍發.....字)
QRS	Must I send more slowly? 本台須拍發稍慢否?	Send more slowly (..... words per minute). 請拍發稍慢(或每分鐘拍發.....字)。
QRT	Must I stop sending? 本台須停止發報否?	Stop sending. 請停止發報。
QRU	Have you anything for me? 貴台對本台有事傳遞否?	I have nothing for you. 本台對貴台並無何事。
QRV	Must I send a series of V's? 本台須拍發一串V字否?	Send a series of V's. 請拍發V字一串。
QRW	Must I advise that you are calling him? 須本台報告...以貴台相呼否?	Please advise that I am calling him 請告.....以本台現正相呼。
QRX	Must I wait? When will you call me again? 本台須待否? 貴台何時再呼本台?	Wait until I have finished commu- nicating with.....I will call you immediately (or at O'clock). 請待本台與...通信之完畢本台即 呼貴台(或於.....鐘時呼喚貴台)
QRY	Which is my turn?	Your turn is No..... (or according to

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QRO	Must I increase power? 本台須增電力否?	I increase power. 請增電力。
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QRQ	Must I send faster? 本台須拍數稍速否?	Send faster (..... words per minute) 請拍發稍速(或請每分鐘拍發.....字)
QRS	Must I send more slowly? 本台須拍發稍慢否?	Send more slowly (..... words per minute). 請拍發稍慢(或每分鐘拍發.....字)。
QRT	Must I stop sending? 本台須停止發報否?	Stop sending. 請停止發報。
QRU	Have you anything for me? 貴台對本台有事傳遞否?	I have nothing for you. 本台對貴台並無何事。
QRV	Must I send a series of V's? 本台須拍發一串V字否?	Send a series of V's. 請拍發V字一串。
QRW	Must I advise that you are calling him? 須本台報告...以貴台相呼否?	Please advise that I am calling him. 請告.....以本台現正相呼。
QRX	Must I wait? When will you call me again? 本台須待否? 貴台何時再呼本台?	Wait until I have finished communicating with.....I will call you immediately(or at O'clock). 請待本台與...通信之完畢本台即呼貴台(或於.....鐘時呼喚貴台)
QRY	Which is my turn?	Your turn is No.....(or according to

	本台發報須以5或10為一次否 (或用他項表示)	貴台發報請以5或10為一次 (或用他項表示)
QSH	Must I send one telegram at a time repeating it twice? 本台須每次祇發一電並重拍二次否?	Transmit one telegram at a time repeating it thrice. 請每次祇發一電，並重二次。
QSI	Must I send the telegrams in alternate order without repetition? 本台得更換發報不須重拍否?	Send the telegrams in alternate order without repetition. 請更換發報，不須重拍。
QSJ	What is the charge to be collected per word for including your internal telegraph charge? 發往.....電報，本台及陸線電費每字共須若干.....法郎?	The charge to be collected per word for is francs, including my internal telegraph charge. 發往.....電報，貴台及陸線電費每字共.....法郎。
QSK	Must I suspend traffic? At what time will you call me again? 本台須中止通信否? 貴台何時再見呼?	Suspend traffic I will call you again at O'clock. 請中止報務。本台於.....(點鐘)再呼貴台。
QSL	Can you give me acknowledgment of Receipt? 貴台能給收報通告於本台否?	I give you acknowledgment of receipt. 茲給收報通知於貴台。
QSM	Have you received my ack	I have not received your acknow

	-nowledgment of receipt ?	-ledgment of receipt.
	貴台收到本台收報通知否 ?	本台未收到貴台之收報通知。
QSN	Can you receive me now ?	I can not receive you now Continue to listen.
	Must I continue to listen ?	本台現尚不能收到貴台電報。
	貴台現能收到本台電報否 ?	請繼續注意。
	本台仍須繼續注意 ?	
QSO	Can you communicate with directly (or through the intermediary of.....) ?	I can communicate with.....directly (or through the intermediary of.....)
	貴台能與...直接(或經.....而) 通信否 ?	本台能與...直接...(或經.....而)通信。
QSP	Will you relay to.....free of charge ?	I will relay to.....free of charge
	貴台能免費代轉.....否 ?	本台願免費代.....轉。
QSQ	Must I send each word or group once only ?	Send each word or group once only
	每字或每組祇拍發一次否 ?	每字或每組請祇拍一次。
QSR	Has the distress call received from.....been attended to ?	The distress call received from.....has been attended to by.....
	貴台曾注意來自.....之遇險呼 號否 ?	自.....發來之遇險呼號曾經加以注意。
QSU	Must I send on.....meters (or..... kilocycles) wave of type A1,A2A3, or B ?	Send.....meters (or on.....kilocycs) waves of type A1,A2A3, or B I am listening for you.

- | | | |
|-----|---|---|
| | 本台須用A1, A2, A3, 或B種
.....米突(或.....基羅周)之
電波發報否? | 請用.....米突(或.....基羅周)之A1, A2,
A3, 或B種電波發報。本台現正注聽
貴台電報。 |
| QSV | Must I shift to the wave
of.....meters (or of...kilocy-
cles) for the balance of our
communications, and conti-
nue after having sent several
V's? | Shift to wave of... meters (or of
kilocycles) for the balance of our com-
munications, and continue after having
sent V's. |
| | 本台須移至...米突(或...基
羅周)之電波以拍發此後電
報否? 於拍發V字一串後是
否繼續使用? | 請移至...米突(或...基羅周)之電波以拍
發此後電報並於拍發V字一串後繼續使
用。 |
| QSW | Will you send on.....meters
(or on.....kilocycles) wa-
ves of type A1, A2, A3,
or B? | I will send on..... meters (or.....
kilocycles) waves of type A1, A2, A3,
or B Continue to listen. |
| | 請用...米突(或...基羅周)
)之A1, A2, A3, 或B種電波
發報? | 本台收用...米突(或...基羅周)之A1,
A2, A3, 或B種電波發報。請繼續注
聽。 |
| QSX | Does my wave length
(frequency) vary? | Your waves length
(frequency) vary. |
| | 本台波長(或頻率)常變
否? | 貴台波長(或頻率)常變。 |

QSY	Must I send on the wave of..... meters (or.....kilo cycles) without changing type of wave ? 本台須用...米突 (或...基羅周) 之電波發報而不變其種類否 ?	Send on the wave of.....meters (orkilocycles) without changing type of wave. 請用...米突 (或...基羅周) 之電波發報，而不必變其種類。
QSZ	Must I send each word or group twice ? 每字或每組須拍發二次否 ?	Send each word or group twice. 每字或每組請發二次。
QTA	Must I cancel telegram No.....as if it had not been sent ? 須刪去第...號電報作為未發否 ?	Cancel telegram No.....as if it had not been sent. 請刪去第...號電報作為未發。
QTB	Do you agree with my word count ? 所計算字數與貴台符合否 ?	I do not agree with your word count; I shall repeat the first letter of each word and the figure of each number. 本台所計字數與貴台不符，茲特重拍每字之第一字母，及每數之第一數碼。
QTC	How many telegrams have I to send ? 貴台有若干電報須發 ?	I have..... telegrams for you or for..... 本台有電...對拍發貴台 (或拍發...)
QTD	Is the word count which	The word count which you confirm

- I am confirming to you . . . to me is accepted.
accepted?
承認貴台字數計算之通知業
已收到否? 承認本台字數計算之通知已收到。
- QTE What is my true bearing?.. Your true bearing is.....
(or) What is my true be ders(or) your true bearing relative
aring relative to? to...is...degreesat (o'clock)
本台準確方向何如? (或) 貴台之準確方向爲...度。(或) 貴台對
本台之對於準確方向何如? 於...之準確方向爲度時爲...(點鐘)
- QTF Will you give me the position The position of your station based on
of my station based on the the bearings taken by the radio compass
bearings taken by the radio co station which I control is.....
mpass stations which you latitude.....longitude.
control?
請根據貴台轄下各定向電台 根據本台轄下各定向電台所測方向貴台
所測方向將本台位置見示? 現在緯度...經度...
- QTG Will you transmit your call I am sending my call signal for one
signal for one minute on minute on the wave length of meters
a wave length of...meters (or...kilocycles) in order that you
(or...kilocycles) in order may take my radiocompass bearing.
that I may take your rad-
iocompass bearing
請用...米突(或...基羅周)之 本台現用...米突(或...基羅周)之電波
電波拍發貴台呼號一分鐘。 拍發本台呼號一分鐘, 以便貴台定向。

- 以便本台測定貴台方向？
- 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)
- 貴台現在何經緯度？(或用他項表示) 本台現在為緯度...經度... (或用他項表示)
- QTI What is your true course ? My true course.....degrees.
- 貴台準確航行方向何如？ 本台準確航行方向為.....度。
- QTIJ What is your speed ? My speed is.....knots, or.....kilometers per hour.
- 貴台速率如何？ 本台速率為每小時...海里 (基羅米突)
- QTK What is toe bearing..... relative to you ? The true bearing of relative tome is degrees at..... (o'clock)
-對於貴台之準確方向如何？對於本台之準確方向為...，時為... (鐘點)
- QTL Send radio signals to enable me to determine my bearing with respect to the radiobeacon ? I am sending radio signals to permit you to determine your bearing with respect to the radio beacon.
- 請發無線電信號以便本台測定對於警告電台之方向？ 本台現發無線電信號以便貴台測定對於警告電台之方向。
- QTM Send radio signals and submarine sound signals to enable me to I am sending radio signals and submarine sound signals to permit you to

	determine my bearing and my distance?	determine your bearing and your distance.
	請發無線電信號及水底傳聲信號以便本台測定方向及距離?	本台現發無線電信號及水底傳聲信號以便貴台決定方向及距離。
QTN	Can you take the bearing of my station (or of..... relative to you?	I can not take the bearing of your station (or of.....) relative to my station.
	貴台能測定本台 (或...) 對於貴台之方向否?	本台不能測定貴台 (或...) 對於本台之方向。
QTP	Are you going to enter the dock (or the port)?	I am going to enter the dock (or the port)
	貴台即將入港(或船塢)否?	本台即將入港(或船塢)。
QTR	What is the exact time?	The exact time is.....
	現在準確時刻何如?	現在準確時刻為.....
QTS	What is the true bearing of your station relative to me?	The true bearing of my station relative to you is.....at.....
	貴台對於本台之準確方向何如?	(o'clock) 本台對於貴台之準確方向.....度，時為..... (鐘點)
QTU	What are the hours during which your station is open?	My station is open from..... to.....
	請示貴台之通信時間?	本台收發電報自.....起至.....止

II 航空無線電用簡語

QAA	At what time do you expect to arrive at..... ? 貴台何時可抵..... ?	I expect to arrive at..... to..... (o'clock) 本台抵.....約在..... (點鐘) 。
QAB	Are you enroute to..... ? 貴台係往.....否 ?	I am enroute to or go to..... 本台係往..... (或)
QAC	Are you returning..... ? 貴台係回..... ?	I am returning to.....or 本台係回..... (或) 請回..... 。
QAD	At what time did you leave (Place of departure) 貴台何時離..... (始航地名)	I left..... (place of departure) at..... (o'clock.) 本台離 (始航地名) 時為..... (點鐘) 。
QAE	Have you news of (call-signal of the aircraft station) 貴台有..... (航空電台之呼號) 之消息否 ?	I have no news of (call-signal of the aircraft station) 本台未得..... (航空電台之呼號) 之消息 。
QAF	At what time did you pass ? 貴台何時駛經..... ?	I passed.....at..... (o'clock) 本台駛經.....時為..... (點鐘) 。
QAH	What is your height..... 貴台高度若干 ?	My height is.....meters (or according to any other indication) 本台高度為米矣 (或用他項表示) 。
QAI	Has any aircraft signaled	No air craft has signaled in your

- in my neighborhood neighborhood.
- 本台附近飛機有發信號者否？ 貴台附近飛機無拍發信號者。
- QAJ Must I look for another aircraft in my neighborhood? Look for another aircraft in your neighborhood (or) look for... (callsignal of the aircraft station) which was flying near..... (or in the direction of.....) at..... (o'clock.)
- 須搜索本台附近之飛機否？ 請尋貴台附近之另一飛機 (或) 請尋... (航空電台呼號)。該機前曾機近..... (或飛向.....) 時為..... (點鐘)。
- QAK On what wave are you going to send the meteorological warning messages? I am going to send the meteorological warning messages on wave length ofmeters (or kilocycles.)
- 貴台用何項波長拍發氣象警告電報？ 本台將用...米突 (或...基羅周) 之電波拍發氣象警告電報。
- QAL Are you going to land at? I am going to land at.....or land.....
- 貴台將於.....降落否？ 本台將於.....降落。(或) 請於.....降落
- QAM Can you give me the latest meteorological message concerning weather for..... Here is the latest meteorological message concerning surface wind for
- (place of observation)? (place of observation)
- 貴台能將..... (觀象台所在地名) 最近氣象報告之關於晴雨者通知本台否？ 此為..... (觀象台所在地名) 最近氣象報告之關於晴雨者。

- QAO** Can you give me the latest meteorological message concerning upper wind for..... (place of observation) ?
貴台能將.....(觀象台所在地名)最近氣象報告,關於層風者通知本台否?
- QAP** Must I continue to listen for you (or to.....) on... meters (or kilocycles) ?
本台須繼續注聽貴台(或...)在.....米突(或.....兆羅周)之電波否?
- QAQ** Will you hasten the reply of message No...(or in accordance with any other indication) ?
貴台急欲第.....號電報(或用其他表示)之覆電否?
- QAR** Must I reply to...for you ?
須本台代貴台答.....否?
- QAS** Must I send message No... (or in accordance with any other indication) to... ?
Here is the latest meteorological message concerning upper wind for..... (place of observation)
此為...(觀象台所在地名)最近氣象報告之關於上層風者。?
- Continue to listen for me (or for.....) on meters ?
(or kilocycles) ;
請繼續注聽本台(或.....).....米突(或.....兆羅周)之電波。
- I hasten the reply of message No..... (or in accordance with any other indication)
本台急欲第...號電報(或用他項表示)之覆電。
- Reply to.....for me
請代本台答復.....。
- Send message No,..... (or in accordance with any other indication) to.....

	本台須發第...號電報(或用他項表示)於.....否?	請發第...號電報(或用他項表示)於.....。
QAT	Must I continue to send ;	Listen before sending; you are interfering;.....or.....listen before sending; you are sending at the same time as...
	本台須繼續發報否?	發報前請注意以貴台現被騷擾也。(或)發報前請注意以貴台與...同時發報也。
QAU	What is the last message received by you from? 貴台收得.....之最後電報如何?	The last message received by me from.....is..... 本台收到.....之最後電報為.....。
QAV	Are you calling me? ...orare you calling... (call signal of the aircraft station) ? 貴台現呼本台否? (或)貴台現呼.....(航空電台呼號否)?	I am calling you.....or..... I am calling..... (call signal of the aircraft station) 本台現呼貴台。(或本台現呼..... 。(航空電台呼號)。
QAW	Must I cease listening until (o'clock) ? 本台於.....(點鐘)前不須注意聽否?	Cease listening until..... (o'clock)(點鐘)前,請不必注意。
QAX	Have you received the urgent	I received the urgent signal sent by

- signal sent by... (call signal(call signal of the a aircraft
of the aircraft station) ? station) at..... (o'clock)
- 貴台收到..... (航空電台之呼號) 本台曾收到... (航空電台呼號) 之緊急
呼號) 之緊急信號否 ? 信號，時為... (點鐘)。
- QAY** Have you received the dis- I received the distress signal sent by
tress signal sent by (call(call signal of the aircraft station
signal of the aircraft stat- at..... (o'clock)
ion) ?
- 貴台收到... (航空電台呼號) 本台曾收到... (航空電台之呼號) 之遇
) 之遇險信號否 ? 險信號，時為..... (點鐘)
- QAZ** Can you receive in spite of I can no longer receive I am going off
the storm ? watch because of the storm
- 值此風雨貴台能收報否 ? 現值風雨，本台不能收報，暫停注聽。

Abbreviation "Zeode"

- Zan,** we can receive absolutely nothing,
- Zap,** please acknowledge,
- Zoo,** send code once,
- Zcs,** cease sending,
- Zct,** send code twice,
- Zcw,** are you in direct communication with ?
- Zdd,** send dashes (yes) or dots (no) if.....
- Zdm,** your dots missing,
- Zdu,** our duplex unworkable,
- Zft,** How are your condition for triplex working,

- Zgs, your signals getting stronger,
- Zgw, your signals getting weaker,
- Zha, How are your conditions for auto receiving?
- Zhc, How are your receiving conditions?
- Zhs, send high speed auto
- Zhy, we are holding your message number
- Zkq, say when ready to resume,
- Zlb, give long breaks please
- Zls, we are suffering from lightning storm,
- Zmo, stand by moment,
- Zmp, miss punch perforator failures,
- ZmR, your signals medium and readable,
- Zmq, stand by for
- Znb, we do not get your breaks we send twice
- Zng, Receiving condition no good for code,
- Znn, all clear for traffic,
- Zob, what traffic have you on hand?
- Zok, we are receiving ok,
- Zpe, punch every thing,
- Zpo, send plain once,
- Zpp, punch plain only,
- Zpt, send plain twice,
- ZRa, reversed auto tape,
- ZRc, can you receive code.

- ZRo, are you receiving ok.
- ZSA, stop auto.
- ZSb, your signals blunting.
- ZSf, send faster.
- ZSg, stop auto look to gear.
- ZSh, static heavy here.
- ZsR, your signals strong and readable.
- ZIs, send slower.
- ZSu, your signals unreadable.
- ZSv, your speed varying.
- ZSW, stop auto signals too weak.
- Zta, transmit by auto.
- Zth, transmit by hand.
- Ztv, transmit by vibroplex.
- Zua, our condition unreadable for auto reception.
- Zvf, your signals varying in frequency.
- Zvk, send 'V'S please.
- Zvs, your signals varying in intensity.
- Zwo, send words once.
- ZwR, your signals weak but readable.
- Zwt, send words twice.

第五節 簡語摘要

簡語

簡語意義

Cyes:不誤, 然。

- N: 誤，否。
- P: Announcement of private telegram in the mobile services (to be used as a prefix) 移動電台私電標識 (用於電前)。
- W: Word or Words 字。
- AA: "All after....." (to be used after a question mark to request a repetition) "凡.....以後" (用於問號後以請求重拍)。
- AB: "All before" (to be used after a question mark to request a repetition) "凡.....前" (用於問號後以請求重拍)。
- AL: "All that has just been sent" (to be used after a question mark to request a repetition) "方拍出者" (用於問號後以請求重拍)。
- BN: "All between....." (to be used after a question mark to request a repetition) "凡在.....間者" (用於問號後以請求重拍)。
- BQ: Announcement of reply to a request for rectification 請求更正之復電標識。
- CL: "I am closing my station" 本台現停收發。
- CS: Call signal (to be used to ask repetition of a call signal) 呼號 (用以請求重拍呼號者)。
- DB: "I can not give you a bearing, you are not in the calibrated sector of this station" 貴台不在本台測量範圍內，故不能測定貴台方向。
- DC: "The minimum of your signal is suitable for the bearing" 貴台最低信號，即可測定方向。
- DF: your bearing at .. (o'clock) was degrees, in the doubtful sector of this station, with a possible error of two degrees, 貴台在.....點鐘之方向為.....度但在本台測量儀氣之可疑範圍內恐有兩度之錯誤。

- DG Please advise me if you note an error in the bearing given, 貴台如發見所測方向有誤，即通知本台。
- DI Bearing doubtful in consequence of the bad quality of your signals, 貴台信號不良所測方向恐有錯誤。
- DJ Bearing doubtful because of interference. 現有干擾所測方向恐有錯誤。
- DL Your bearing at..... (o'clock) was.....degrees, in the doubtful sector of this station, 貴台在..... (點鐘) 時之方向為.....度但在本台測量儀器之可疑範圍內。
- DO Bearing doubtful ask for another, bearing later, or time..... (o'clock) 方向恐誤，稍遲 (或於鐘點) 請通知本台再行測定。
- DP Beyond 50 miles, possible error of bearing can attain two degrees 距離 50 里以上定向恐有兩度之誤。
- DS Adjust your transmitter, minimum of your signal is too broad, 貴台最低信號太寬，請調整發報器。
- DF I can not furnish you with a bearing; the minimum of your signal is too broad. 貴台最低信號太寬本台不能測。
- DY This station is bilateral, what is your approximate direction-in-degrees relative to this station 本台有兩邊 (bilateral) 貴台對於本台之方向約幾度？
- DZ Your bearing is reciprocal (to be used only by the central station of a group of radiocompass stations-when it is addressed to other stations of the same group) 貴台方向係相互的； (Reciprocal,) (此祇供無線電定向總台通知轄下分台之用)
- ER "Here....." (to be used before the name of the mobile station in the sending of-youte-indications) "在此".....為移動電台之名，用以指示電報

- 路由者)。
- IA "Resume sending" (to be used more especially in the fixed service) "請恢復發報"(多用於固定業務)。
- M "If I may send, make a series of dashes. To stop my transmission, make a series of dots" Not to be used on 300 meters (50 kilocycles) 如本台可發報，請發點串為號)。欲本台停止發報，請發點串(不得用於300米突(500基羅周)之電波。
- IN Minute or minutes (to be used to indicate the duration of a wait) 分鐘(用以表示等待之時間)。
- IW "I resume transmission" (to be used more especially in the fixed service) 本台恢復發報"(多用於固業務)。
- JK "We are in agreement" "我等同意"。
- IQ Announcement of a request for rectification. 請求更正標識。
- IA Announcement of the name of an aircraft station (to be used in the sending of indications of passage) 航空電台名之標識(用以拍發航行表示)。
- IF Announcement of the name of an aeronautic station 汽球電台名之標識。
- IN Announcement of the name of a coast station 海岸電台名之標識。
- IS Announcement of the name of a ship station (to be used in the transmission of indications of passage) 船舶電台名之標識(用以拍發航行表示)。
- IR Announcement of the request or of the sending of indication concerning a mobile station 發出(或請求發出)關於移動電台表示之標識)。

- UA "Are we in agreement? 我等同意否?"
- WA "Word after..... (to be used after a question mark to request a repetition) 以後之一字 (用於問號後以請重拍)。
- WB "Word before (to be use after a question mark to request a repetition) 前之一字" (用於問號後以請求重拍)。
- XS "Atmospherics 天電。"
- YS "See your service" 請參看貴台業務通知。"
- AB "Shorten the haffic by using international abbreviation" or "Repeat (or I repeat) the figures in abbreviation form" 請用國際簡語縮短電文'或'請(或本台)用簡式重拍數碼。住址(用於問號後,以請求重拍)。
- ADR "Address (to be used after a question mark to request a repetition,) 住址用於問號後,以請求重拍)。
- CFM "Confirm" or "I Confirm." 請承認或本台承認"。
- COL "Collate" or "I Collate" 請校對或本台核對"。
- IFP "The punctuation Counts," 標點符號計入字數內"。
- MSG "Announcement of telegram Concerning ship service on (to be used as a prefix.) 關於船舶查務電報之標識(用於電前)。
- PBL "Preamble (to be used after question to quest a repetition. 報頭(用於問號後以請求重拍)。
- REF "Referring to....." or refer to....." 關於或請參考....."
- RPT "Repeat" or I repeat" (to be used to ask or to give repetition of all or part of the traffic by making the Corresponding indication after the abbreviation, 請重"或'本台重拍"(用於請求重拍或重拍全部或一部份電報而置通信標識於簡語後)。
- SIG "Signature (to be used after a question mark to request a repetition) 具

名(用於問號後以請求重播)。

SVCAnnouncement of service telegram Concerning private traffic (to be used as prefix) 業務電報之關於私人電報之標識(用於電文前)。

TRCTraffic.報務。

TXTText (to be used after question mark to request a repetition.)電文(用於問號後以請求重播)。

第六節 縮字

無線電報通信時，除用簡語，以數字代表意思之外平常報務員之在機上通及各電局研用之洋文公電，務必力求簡便，不拘文法，故往往將所用之字縮至極簡，縮字之法，有提取首尾兩字母，而將中段刪去，如 good 作gd, vary 作Vy, 有將一字之聲音刪去，如message 作 msg, morning 作mg, 有將字變為音如before, 作b!, Rough 作Ruf 等類，凡老于收發之報務員，有時或不拘於成例可隨意，縮簡而彼此均能一目了然，現將最近所通行者彙錄於下俾初學者有所借鑑也。

AA	All after	AGN	Again
AB	All before	AHD	Ahead
ABL	Able	AHR	Another
ABT	Abreast	AMP	Ampere
AC	Alternating Current	AMT	Amount
ACCW	Alternating current C. W. (Not rectified before application to plate circuit of transmitting tubes)	ANI	Any
ACCT	Account	ANT	Antenna
ADS-ADSD	Address-addressed	ARL	Aerial
AER	Aerial	ART	All right
		AST	Atlantic standard time
		AUD	Audible, audibility
		B	Be

B4	Before	CIF	Correct telegraph follow
BGL	Broadcast listener	CUL	See you later
BD	Bad.	CUM	Come
BI	By	CW	Continuous wave
BK	Break, back	CY	Copy
BKG	Breaking	DA	Day
BLV	Believe	DC	Direct current
BN	Been	DFS	Disregard former service
BND	Bound	DELD-DLVD	Delivered
BTR	Better	DLY	Delivery
C	See	DN	Done, down
CANS	Phones	DSIN	Destination
CHGS	Charges	DuPE	Duplicate
CK	Check	DX	Distance
CFM	Confirm	ERE	Here
CKS	Chokes, circuits	EM	Them
CKT	Circuit	ES	And
CL-CLG-CLD	Call-calling-Called	EST	Eastern standard time
CM	Communications manager	EVBDI	Every body
CN	Can	EVY	Every
CNT	Can't, Cannot.	EZ	Easy
COND	Condenser condition	FIL	Filament
CP-CPSE	Counterpaise	FM-FR	From
CRD	Care	IONES	Telephones
CST	Central standard time	FREQ	Frequency-frequently

GA	go ahead	LD	Lid long distance
GB	good-bye	LIFE	Light
GBA	give better address	LL-LINE	Land line
GE	good-evening	LTR	Later, letter
GEN	generator	LW	Low
GM	good morning	MA	Milliamperes
GMT	greenwich mean time	MANI	Many
GN	gone, good night	MG	Motor generator
GND	ground	MGR	Manager
GOA	get quick answer	MI	My
GSA	give same address	MIN	Minute
GUD	good	MK	Make
GV-GVG	give-giving	MSG-MSGS	Message-messages
HA	Hurry answer	MNG	Morning
HD	Had head	MTR	Meter
HI	High	NIL	Nothing
HR	Here hear	NITE	Night
HRD	Hear	NM	No more
HV	Have	NR	Number
HVy	Heavy	NSA	No such address
HW	How, hot wire, here with	NT	Not
HWM	Hot wire meter	NIQ	Nothing
IOW	Interrupted continuous wave	NW	Now
INPT	Input	OFS	Office
IMPT	Important	OM	Old man

OPN	Operation	SPK	Spark, speak
OPT	Operater	SIN	Station
PRI	Primary	SCE-SVC	Service
PRIV	Private	TFC	Traffic
PL-PSE	Please	TKS-TNK	Thanks
PT	Point	TMW	Tomorroy
PUR	Poor	TRI	Try
PX	Press	TRUB	Trouble
PWR	Power	U	you
R	Are, all right, OK	UNDELD	undelivered
RAC	Rectified alternating current	UNKN	unknown
RECD	Received	UR-URS	your-yours
RECV	Receive	UUU	unregistered unknown undeld
RCVR	Receiver	V	Volt
RDO	Radio	V	Variable
RES	Resistance	VC	Variable condensers
RHEO	Rheostat	VT	Vacuumtube
RPT	Repeat	VY	Very
RUF	Rough	WA	Word after
RYS	Reply your service	WB	Word before
SA	Say	WD-WDS	Word words
SEC	Second	WEN	When
SHUD	Should	WUD	Would
SIG	Signal, signature	WX	Weather
SKED	Schedule	XMTM	Transmitter



ECUSE	Excuse	99	Keep out
XPLN	Explain	2	Two to too
XTRA	Extra	2DA	To-day
YR	Your	4	Please start me where? for
73	Best regards		four
88	Love and kisses	8	Eight, ate

第八節 國際協定電台呼號分配表(一九二七年華盛頓萬國無線電會議修正)

CAA-CEZ	Chila (智利)
CFA-CKZ	Canada (加拿大)
CLA-CMZ	Cuba (古巴)
CNA-CNZ	Morocco, Algeria Tunisia (摩洛哥, 阿耳基尼, 突尼斯,)
CPA-CPZ	Bolivia (波立維亞)
CRA-CRZ	Portuguese Colonies (葡萄牙屬地)
CSA-CUZ	Portugal (葡萄牙)
CVA-CVZ	Rumania (羅馬尼亞)
CWA-CXZ	Uruguay (烏拉圭)
CZA-CZZ	Monaco (摩力哥)
D	Germany (德意志)
EAA-EHZ	Spain (西班牙)
EIA-EIZ	Ireland (愛爾蘭)
ELA-ELZ	Liberia (利比利亞)
ESA-ESZ	Esthonia (愛斯當利亞)
EPA-EFZ	Ethiopia (即Abyssinia) (愛索比亞)

F	France and colonies and Protectorates (法國及附屬保護國)
G	Great Britain (英國)
HAA-HAZ	Hungary (匈牙利)
HBA-HBZ	Switzerland (瑞士)
HCA-HCZ	Ecuador (依國杜)
HHA-HHZ	Republic of Haiti (海旬)
HIA-HIZ	Dominican Republic (杜密尼棍共和國)
HJA-HKZ	Republic of Colombia (哥倫比亞)
HRA-HRZ	Republic of Honduras (杭杜刺斯)
HSA-HRZ	Siam (暹羅)
I	Italy and Colonies (意大利及屬地)
J	Japan (日本)
K	United States of America (美利堅合衆國)
LAA-LNZ	Norway (挪威)
LoA-LVZ	Argentine Republic (阿根廷共和國)
LZA-LZZ	Bulgaria (布加利亞)
M	Great Britain (英國)
N	United States of America (美利堅合衆國)
OAA-OBZ	Peru (秘魯)
OHA-OHZ	Finland (芬蘭)
OKA-OKZ	Czechoslovakia (捷克斯拉夫)
ONA-OTZ	Belgium and Colonies (比利時及屬地)
OUA-OZZ	Denmark (丹麥)
PAA-PTZ	Netherlands (荷蘭)

PJA-PJZ	Curacua (克刺吉)
PKA-POZ	Dutches east Indies (荷屬東印度羣島)
PPA-PYZ	Brlzia (巴西)
PZA-PZZ	Surilnam (蘇令尼亞)
RAA-RQZ	USSR (蘇維埃俄國)
RVA-RVZ	Persia (波斯)
RXA-RXZ	Republic of Panama (巴拿馬共和國)
RYA-RYZ	Lithuania (立索尼亞)
SAA-SMZ	Sweden (瑞典)
SPA-SPZ	Poland (波蘭)
SUA-SUZ	Egypt (埃及)
SVA-SZZ	Greece (希臘)
TAA-TCZ	Turkey (土耳其)
TFA-TFZ	Iceland (愛斯蘭)
TGA-TGV	Guatemala (關脫馬刺)
TIA-TIZ	Costa Rica (哥斯脫立加)
TSA-TSZ	Territory of the Soar Basin (薩塔新)
USA-UHZ	Hedjaz (海拉)
UIA-UKZ	Dutch east Indies (荷屬東印度羣島)
ULX-ULZ	Luxemburg (盧森堡)
UOA-UOZ	Austria (奧國)
VAA-VGZ	Canada (加拿大)
VHA-VMZ	Australia (澳大利亞洲)
VOA-VOZ	Newfound land (紐芬蘭)

VPA-VSZ	British Colonies and Protectorats (英屬地及保護國)
VYA-VWZ	British India (英屬印度)
W	United States of America (美利堅合衆國)
XAA-XAZ	Mexico (墨西哥)
XGA-XUZ	China (中華民國)
YAA-YAZ	Afganistan (阿富汗)
YHA-YHZ	New Hebrides (新希伯來)
YIA-YIZ	Irag (伊拉克)
YLA-YLZ	Latvia (臘德維亞)
YMA-YMZ	Danzig (旦西格)
YNA-YNZ	Nicaragua (尼加拉瓜)
ZAA-ZAZ	Albania (愛爾彭尼亞)
ZKA-ZMV	New Zealand (紐西蘭)
ZPA-ZPZ	Paraguay (帕刺加愛)
ZSA-ZUZ	Union of South Africa (南非洲聯邦)

呼號之組織如下

1. 固定及陸地電台之呼號，用三個字母。
2. 船舶電台之呼號，用四個字母。
3. 航空電台之呼號，用五個字母。

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