

TOP SECRETIR 4069
Report #F-122
29 November 1944
CX/MSS8 SUBJECT: Fish Notes
TO : CO, SSA, War Dept.

1. Enclosed is Sixta non-Morse report for week ending 23 November.
2. Enclosed is Dragon report for week beginning 17 November.
3. The following is an excerpt from Mr. Newman's latest weekly report:-

"The most interesting event this week was the recovery in a Whiting decode of a complete page of QEP numbers with the corresponding wheel settings - the messenger had taken them to the wrong place and they had to be sent over the air. There is no re-enciphering process, and after the necessary constant had been determined from a message set by us, it was possible to decode a number of other messages, too short to set by our ordinary processes, by reading off the settings from the table opposite their QEP's.

The evidence from Whiting of the 16th and 21st is against the same page being used on these days: it is indeed a priori improbable. However, the fact that the settings are now read straight off the QEP page is useful in itself. Mr. Freeborn is being asked to difference (per day) and sort all wheels since the daily change of Key in the hope of recognising repeated use of the same QEP sheet."

4. A reorganization at Knockholt, designed to eliminate a bottle-neck there, has been completed but was immediately followed by a substantial decline in Fish traffic. As a result all Colossals were idle for a 37 hour period. It has been decided to try wheel breaking on shorter messages because the most serious falling off in traffic has been in messages over 10,000 letters in length.

Walter J. Fried
Capt. Signal Corps

Encls.

5. The enclosed list of non-Morse Army Q-code symbols arrived after the foregoing had been typed. (Sent to Mr. Morris for Lt. Holmes, E Branch.)

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DRAGON REPORT No 5

WEEK BEGINNING FRIDAY 17th NOVEMBER 1944

1. Production

8 messages broken. For the equivalent of 13 shifts no ordinary runs were made, partly because there was a dearth of suitable material. Part of this time was spent on special crib runs involving the date preceded by message serial number (based on Sixta predictions) but no successes were obtained at all. There has been a good deal of machine trouble and several shifts have been spent investigating the machine's treatment of cribs shorter than 10 letters where a large number of deletions are involved. An analysis of these investigations will be made later - it is hoped that we may persuade the machine to stop on a wider variety of deletions than it does at present, and so prove more useful with messages of high dottage.

2. We now have a statistical analysis of the language of both ends of Dream traffic.

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CX/MSS SECURITY.

ULTRA/ZIP/NMS 15.

NON MONSE ARMY Q CODE.

<u>Group</u>	<u>Meaning</u>	<u>German Equivalent</u>	<u>Source</u>
QAS	Connecting gear	Anschlussgeraet	Logs. Possibly links QES with QSG
QAZ	Thunderstorm or Electrical storm.	Gewitter schalte Punktstelle aus.	Y Handbook
QBL	Operator going off.	'Abloesung'.	
QCA	You are causing delay by your slowness in answering.	Sie verzogern den verkehr durch ihr langsame Antworten.	Y Handbook Cap. Dec. 2012.
QCP			Technical (W/T) Pending.
QDC	Landline		Y Handbook and Logs.
QDL	QEP is set up.		Logs
QDO	Refers to GKDOS t/c.	Derived from GKDOS.	Logs.
Rare			
QEA	T/P Station closing down.	Ich melde Fernschreibstelle ab.	FF.BV III and Logs
QEC	Delay due to query.	Verzoegert durch Nachfrage wegen Unklarheit.	FF BV III and logs Koch
QED	Delay caused by interference on the apparatus or circuit.	Verzoegert durch Apparate oder Leitungs- stoerung.	FF BV and logs Koch
QEF	Traffic is ended. Circuit is free.	Verkehr ist beendet Leitung ist frei.	FF BV III Koch.
QEH	Send by hand	Handbetrieb.	FF BV III and logs
QEK	End of preamble.		Logs. Derived from (Callsigns) "Ende Kopfes"
QEL	Receive by tape.	Schliessen Sie Lochstreifen- empfaenger an..	
QEM	Delay caused by accumulation of t/c	Verzoegert durch Anhaefung von Fernschreiben oder Besitzein.	FF BV III, Decodes and Logs Koch.
QEN	Unable to receive		Logs.
QEO	Officers key.		Decodes.

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<u>Group</u>	<u>Meaning</u>	<u>German Equivalent</u>	<u>Source</u>
QEP	Specification (by number) of key of transmission.	Spruchschlüssel an Kündigung.	PF BV III Logs.
QES	Send by tape (Auto)	Ich sende mit Lochstreifensender.	PF BV III Logs.
QEV	Contact	Verbindung	PF BV III, Logs.
QEX	Bandslip	Pruefschleife	PF BV III Logs
QFF	Reference to parallel Morse or Non Morse link.		Logs
QFL	Air-raid	Fliegerangriff or alarm	Logs.
QFT	Approved private telegram for front-line personnel.	Genehmigte Front telegramm privaten Charakters.	<u>Koch</u> and Logs.
QGN	Good night.	Gute Nacht.	Logs
QGS	Basic key. Has been used to mean QZZ.	Grundschiuessel	Logs.
QGT	Good	Gut	Logs
QHE	Send by hand		Logs. Ruffs only.
QJB	Test, verify, check.		Y Handbook, Logs.
QKL	Traffic can wait to be forwarded till the line is clear.	Kann lagern.	Decodes.
QLF	Perforated tape	Locherstreifen.	Logs
QLO	Perforator	Derived from Locher	Logs
QLS	Local interference.	Lokale Steuerung	Logs.
QLT	Come up on your present frequency.	ALTE WELLE	Logs.
QML	Report, communique	Meldung	Logs.
QMW	Change your machine.	Maschinenwechseln.	Logs.
QNA	Operator's name	Name	Logs
QOA	Duty Officer	Offizier-ufwaerten.	Logs
QPE	Pause	Pause	Logs.

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<u>Group Meaning</u>	<u>German Equivalent</u>	<u>Source</u>
QPR Test	Pruefen	Logs
QRA Name of station.	Name der Fernschreib- stelle	Y Handbook & Logs. PF BV III
QRH Fading (= QSB)		Y Handbook & logs.
QRI Your note varies		Y Handbook.
QRE Readability (0-5)		Y Handbook. Logs
QRL I am busy		Y Handbook & Logs
QRM Interference from another station or by jamming.		Y Handbook & logs.
QRN Atmospherics.		Y Handbook & logs.
QRO Increase power		Y Handbook & logs.
QRP Decrease Power		Y Handbook. Logs.
QRQ I am ready to receive your traffic.		Logs.
QRT Suspend traffic, I have an urgent message for you.	Stellen Sie die Ueber- mittlung ein, ich habe dringendes Fern- schreiben fuer Sie.	Koch.
QRU I have nothing for you.	Ich habe nichts mehr fuer Sie.	PF BV III. Koch Y Handbook. Logs.
QRV I am ready.	Ich habe alles klar.	PF BV III Y Handbook. Logs.
QRX Wait		Y Handbook. Logs.
QRV Send Rys		Logs.
QRZ You are being called by		Y Handbook. Logs.
QSA Signal Strength (1-5)		Y Handbook. Logs.
QSB Fading (= QRH)		Y Handbook & Logs.
QSE I will continue sending		Logs.
QSG Cypher machine	G-Zusatz (Schluesselgeraet)	Logs = FUNDAMENT.
QSH		Technical WT pending

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<u>Group</u>	<u>MEANING</u>	<u>German Equivalent</u>	<u>Source</u>
QSK	I am about to send traffic.		Logs
QSL	Receipt	Quittung	FF BV III Koch Y Handbook. Logs.
QSN	Former term for QEP		Logs.
QSP			Technical WT.
QSR			Technical WT.
QSS	Cypher transmission		Logs. Derived from Spruechschlüssel.
QST	Mish	Mist	Logs
QSU	You send		Logs, Y Handbook.
QSV	Send "V's"		Logs (for Morse transmission only)
QSW	I will send		Logs, Y Handbook.
QTA	Cancel message & destroy.	Vernichten Sie das Fernschreiben.	Koch, Y Handbook Logs.
QTC	Message		Koch, Y Handbook Logs.
QTH	Send in Morse		Logs
QTE	Tone transmission	Decodes (WTK)	Logs
QTF	Additional "limitation" on cypher.		= GAF <u>KTF</u> Logs.
QTR	Exact time	Bitte Uhrzeit	FFBV III Koch Y Handbook. Logs.
QUM	Continuous Wave transmission	Decodes "UMTASTUNG"	Logs.
QUW	Station is changing location.	Unterwegs	Logs.
QWD	Confirm correct delivery of message.		Y Handbook. Logs
QWO	Reception bad		Y Handbook. Logs.
QWP	Observe regulations		Y Handbook. Logs.

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<u>Group</u>	<u>Meaning</u>	<u>German Equivalent</u>	<u>Source</u>
QWT	Tone modulating unit.	Wechselstromtelegrafie zusatz WTZ	Logs.
QWW	Change		Logs.
QXA	Number of letters		Y Handbook. Logs
QXW	Your tape has jammed		Logs with Decodes
QZA	Address	Anschrift	Logs.
QZB	Duplex Transmission.		Y Handbook. Logs
QZC	Telephone		Y Handbook.
QZE	Lower frequency		Logs.
QZF	Raise frequency		Logs
QZG	Reply		Y Handbook & logs.
QZI	Text	Inhalt	Logs.
QZK	Unable to communicate with:-		Logs
QZL	Message makes no sense		Y Handbook & logs.
QZM			Technical WT.
QZP	Transmitter trouble		Y Handbook & logs.
QZR	I will relay	Ich werde uebermitteln.	Koch. Y Handbook, Logs. FF BV III.
QZS	Message		Y Handbook & logs.
QZT	Receiver (or Receiver trouble)		Y Handbook & logs.
QZU	Signature	Unterschrift	Logs.
QZY	I cannot hear you		Y Handbook & logs.
QZZ	Daily key setting		Logs.

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Notes: Sources: 1) Logs.
2) Decodes.
3) PF BV III Funkfern Schreibvorschrift Heft III
4) Koch. Diary of Gefr. Koch. Nap.doc.2076
5) Cap. Doc. 2012.

SIXTA.

28.11.44.

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