

MESSAGE DECRYPTION SHEET – EXAMPLE

Original Message Header

W W
weather report

2 9
date

2 1 3 0
time report sent

Z
using Greenwich
Mean Time

C

APDD PISW FGNG CNVF SRBA TDM

Message Key letter

encrypted message letters 23 (no ice) or 24 (ice)

Box Numbers		Title of Tables and Identifier Letter(s)	Observed Weather
Encrypted	Decrypted		
1.	<div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">X</div>	Message Key letter	----
2.	<div style="border: 1px solid black; padding: 2px;">A</div>	Change in wind direction during the last 3 hours/ANLAGE (grid unit) R	wind shift to the left V
3.	<div style="border: 1px solid black; padding: 2px;">P</div>	Sea area grid map BB	Latitude of U-boat 48° 10' north I
4.	<div style="border: 1px solid black; padding: 2px;">D</div>	Sea area grid map BB	Longitude of U-boat 8° 15' west O
5.	<div style="border: 1px solid black; padding: 2px;">D</div>	Barometric pressure in two millibars PPP	1014 H
6.	<div style="border: 1px solid black; padding: 2px;">P</div>	Barometric pressure in two millibars PPP	1014 R
7.	<div style="border: 1px solid black; padding: 2px;">I</div>	Barometric pressure in two millibars PPP	1014 B
8.	<div style="border: 1px solid black; padding: 2px;">S</div>	Barometric pressure during the last 3 hours A	Barometer falls quite strong, 1018.2 – 1014.9 = 3.3 I
9.	<div style="border: 1px solid black; padding: 2px;">W</div>	Clouds C	Cumulus and depth torn bad weather clouds FCU (fractocumulus) or FST (fractostratus) S
10.	<div style="border: 1px solid black; padding: 2px;">F</div>	Sky covering and rainfall W	Light rain drizzle J
11.	<div style="border: 1px solid black; padding: 2px;">G</div>	Weather change during the last 12 hours Z	Storm from N to E with persistent precipitation Q
12.	<div style="border: 1px solid black; padding: 2px;">N</div>	Horizontal visibility and fog conditions V	Moderate fog. View to ½ SM. Fog has increased over last hour. S
13.	<div style="border: 1px solid black; padding: 2px;">G</div>	Wind direction and strength DDD	Wind strength 6 from WSW N
14.	<div style="border: 1px solid black; padding: 2px;">C</div>	Wind direction and strength DDD	Wind strength 6 from WSW R
15.	<div style="border: 1px solid black; padding: 2px;">N</div>	Wind direction and strength DDD	Wind strength 6 from WSW V
16.	<div style="border: 1px solid black; padding: 2px;">V</div>	Changes of wind strength, swell, and height of swell K	Wind has abated, swell has ceased, height of swell low, under 2M I
17.	<div style="border: 1px solid black; padding: 2px;">F</div>	Length and direction of swell L	Swell 75 meters apart, moving in from the northwest W
18.	<div style="border: 1px solid black; padding: 2px;">S</div>	Air temperature in whole degrees Celsius T	- 17° C U
19.	<div style="border: 1px solid black; padding: 2px;">R</div>	Difference between air and water temperature in degrees Celsius M	32.2° (air) – 29.4° (water) = 2.8° (air) G

20.	B	S	Time of observation in complete hours after DGZ (GMT) G	1828 DGZ (GMT) rounds to 1830 = S
21.	A	D	Ice conditions (E) No Ice (U-boat ID or your first initial)	Moving ice in small flows – less than ¼ of sea surface covered D (number or letter)
22.	T	B	Ice conditions (U-boat ID or your first initial) No Ice (U-boat ID or your second initial)	(number or letter) (number or letter)
23.	D	W	Ice conditions (U-boat ID or your second initial) No Ice (U-boat ID or your third initial)	(number or letter) (number or letter)
24.	M	C	Ice conditions (U-boat ID or your third initial) No Ice (blank)	(number or letter) (blank)