



BLACK WATCHMEN CIPHER WHEEL REPORT MANUAL
INSTRUCTIONAL MATERIALS C
CUSTOM PRINT FOR OPERATION NIGHTFALL

Cipher Wheel Operational Handbook

(1) Summary:

The cipher wheel is an age old method for encrypting text, it is done by crafting two wheels (usually made out of paper) and arranging them inside one another to create the ciphertext. A secret sequence of turn numbers + rotation direction pairs indicate how to encrypt/decrypt text. We believe that the Church of the Dark Sun uses these wheels for their sensitive communications. However, without knowing the correct sequence they use for encryption/decryption, we can't move forward with any analysis of captured transmissions we may receive.

(2) Encryption/Decryption Instructions:

1. Reset the cipher wheel by placing all inner wheel letters to match their outer wheel pair (A with A, B with B, etc).
2. Use the secret key instructions to rotate the wheel, follow each move set for every character, using the outer wheel to translate into ciphertext.
3. For example, the secret key (1R 2L 3R 6R = 1 Right, 2 Left, 3 Right, 6 Right) will encrypt the plaintext BAD9 as C9F1 using the inner wheel to rotate and the corresponding outer wheel characters as the ciphertext
4. C9F1 can be decrypted by resetting the wheel and rotating the inner wheel following the same instructions for each letter (1R 2L 3R 6R).
5. The plaintext will be revealed by checking the outer character with the resulting inner character (1R → Check outer character C → Gives back the inner character B, 2L → Check outer character 9 → Gives back inner character A, ...).
6. Repeat this process until all the characters have been rotated according to the secret key and you will get the plaintext BAD9.

