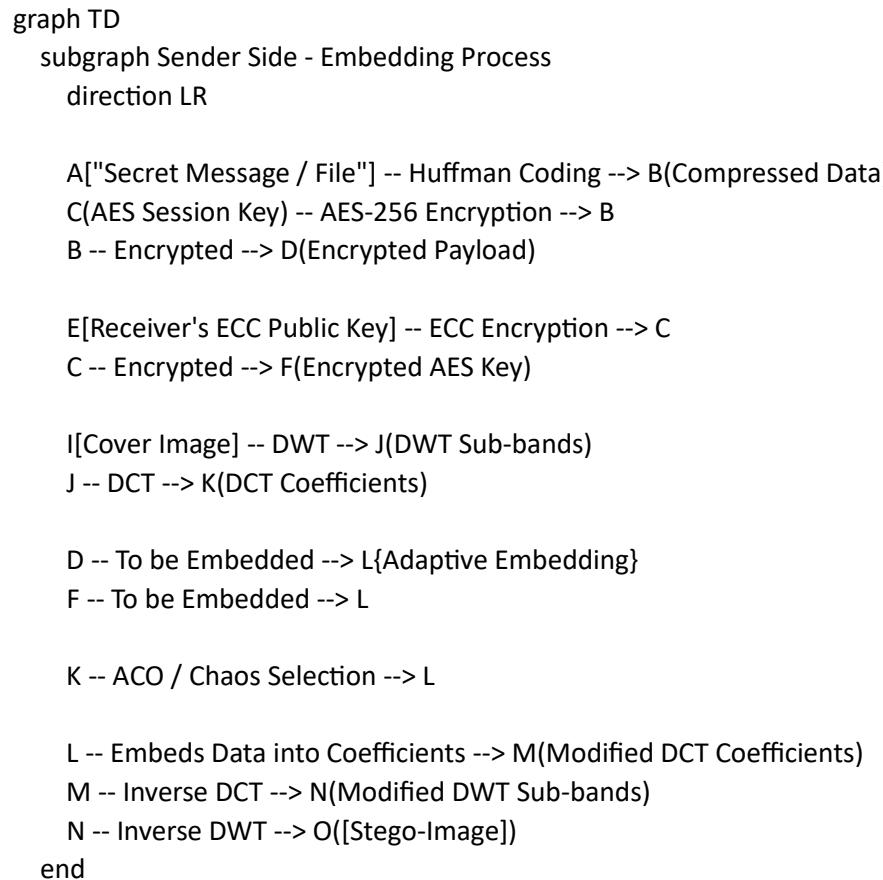


Sender Side: *Embedding Process*



Receiver Side: Extraction Process

graph TD

```
subgraph Receiver Side - Extraction Process  
    direction LR
```

P([Stego-Image]) -- DWT --> Q(DWT Sub-bands)
Q -- DCT --> R(DCT Coefficients)

S[Shared ACO/Chaos Key] -- Identifies Coefficients --> R
R -- Extraction --> T(Extracted Encrypted Data)

T -- Separated --> U(Encrypted Payload)
T -- Separated --> V(Encrypted AES Key)

W[Receiver's ECC Private Key] -- ECC Decryption --> V
V -- Decrypted --> X(AES Session Key)

U -- AES-256 Decryption --> X
X -- Used to Decrypt --> Y(Decrypted Compressed Data)

Y -- Huffman Decoding --> Z(["Original Secret
Message / File"])
end

