

```
private async recordCancellation(options: {
  buCode: string;
  region_code: string;
  order_number: string;
  order_suffix: string;
  branch_id?: string;
  customer_id?: string;
  cancel_reason?: string;
}): Promise<void> {
  let knex;
  try {
    knex = await SqlServerConnection.getConnection('watsco_enterprise');
  } catch (error) {
    this.logger.error(error, 'Error connecting to watsco_enterprise for cancel order record');
    return;
  }

  try {
    const bu_wid = buIds[options.buCode] || null;

    await knex('Cancel_Orders').insert({
      bu_wid,
      region_code: options.region_code,
      order_number: options.order_number,
      order_suffix: options.order_suffix,
      cancel_date: knex.fn.now(),
      branch_id: options.branch_id || null,
      customer_id: options.customer_id || null,
      cancel_reason: options.cancel_reason || null
    });

    this.logger.info({
      order_number: options.order_number,
      order_suffix: options.order_suffix
    }, 'Cancel order recorded successfully');
  } catch (error) {
    this.logger.error(error, 'Error inserting into Cancel_Orders table');
    throw error;
  }
}
```