# Short Reason Code Explanation

## How the short reason is evaluated:

System returns corresponding reason code based on searching allocation information generated after running a mock allocation for each short. There could be multiple reasons when system generate short, however it only return the first message found by following certain search order.

## Possible short reason and action to take:

Below are possible reason codes returned and why it is returned, what action can be taking when it happens:

**Code:** NORSN

**Message:** "Reattempt allocation"

**Why:** This is default short reason code to start with, this reason code will be returned if search for rest of reason codes are all failed.

**Action to take:** There is not much information to be read from this message, as it indicated, just try reallocation for a new reason code or taking a trace if same message returned.

**Code:** INVMISMTCH

**Message:** "Inventory Attribute Mismatch"

**Why:** This usually happens for order that asking for specific inventory attribute, if the inventory attribute does not match with your order, this reason message will be returned.

**Action to take:** This short reason should not happen to WW as we don’t differentiate inventory attribute for order.

**Code:** ABSOUT

**Message:** "Older/Newer Inventory Outside of Search Path"

**Why:** This is for ABSOLUTE rotation allocation, it means there is older/newer inventory in somewhere else which caused allocation failure.

**Action to take:** Check deposit location for your oldest/newest inventory to make sure they are deposited into your allocation pickable location.

**Code:** NOAVINV

**Message:** "No Available Inventory"

**Why:** This error message is pretty general, this message will be returned for any inventory issue, there is no any specific logic for returning this message.

**Code:** LOCERR

**Message:** "Location is in Error”

**Why:** Location status is not eligible for allocation.

**Action to Take:** Check the location status of your inventory deposited to make sure it is not in error status.

**Code:** INVNOPATH

**Message:** "Inventory is not in Search Path"

**Why:** During allocation system not able to locate any search path configured.

**Action to take**: Go to allocation search path to make sure your order should be allocated by some allocation search path configured, and make sure order meet the allocation path criteria.

**Code:** OUTSTK

**Message:** "Out of Stock"

**Why:** There is no inventory record found in any four-wall location.

**Action to Take:** Safe to cancel the short as there is no stock.

**Code:** ABSRPL

**Message:** "Older/Newer Inventory Committed to Replenishment Pick"

**Why:** This is for ABSOLUTE inventory rotation allocation, better inventory is committed to replenishment pick.

**Action to take:** Finish the replenishment pick, after that try reallocation.

**Code:** ALLOCATIONERR

**Message:** "Unexpected Allocation Error"

**Why:** This means allocation end up with unexpected error.

**Action to take:** Do reallocation with tracing for further analysis.