

# GHRIL Handling Summary

wht-naomi-70

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## 1. Introduction

This document is a summary report on the current overall plans for the handling of the NAOMI system assembly and disassembly at the GHRIL.

## 2. OMC

All major OMC components except the electronics racks (see Section 4) have been designed to allow manual lifting by a maximum of two people. For transportation to/from GHRIL the components will be placed in their shipping containers. Harnesses will be attached to the containers to allow the use of a dome crane to convey the boxes between floors. A small trolley will be used for transporting components between the dome floor and the Test Focal Station.

## 3. WFS

The WFS has an individual handling frame designed in, as presented at the PDR. A hatch should be provided above it in the GHRIL roof. The hatch opening should be at least 1.0 m by 1.2 m. It should be positioned over the footprint of the WFS on the GHRIL table. The WFS will be lifted through the hatch using the dome crane. Any independent WFS components/attachments not covered by the planned lifting arrangements as presented at PDR would be packed and moved as per the OMC components.

## 4. Electronics Racks

All electronics racks used in the GHRIL control room will be transported through the existing roof hatch using harnesses and a dome crane. The racks will have casters for transport on a level, smooth floor.