



# WFMOS PROJECT

80.50.30.00\_REF

Version: 1

ICD List

Reference Document

<b>Version:</b>	1	<b>Date:</b>
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## 1. Introduction

This document lists and briefly describes the Interface Control Documents (ICDs) generated for WFMOS.

## 2. Related Document

Document Number	Document Name
80.50.10.00_REF	Product Tree

## 3. 90.00.00.01\_10.00.00.00\_ICD WFMOS to Telescope

The WFMOS to Telescope ICD describes the interfaces between WFMOS and the Subaru telescope. It considers areas such as fiber bundle routing and auxiliary equipment mounting as well as general optical and mechanical characteristics of the telescope.

## 4. 90.00.00.01\_15.10.00.00\_ICD WFMOS to PHSC

The WFMOS to PHSC ICD describes the interface between WFMOS and the PHSC PFU being developed for HSC/WFMOS. It includes the space/weight limits for WFMOS within the PHSC, details about the exchange of the WFMOS and HSC components in PHSC, and available services from within the PHSC when located at the Subaru prime focus.

## 5. 90.00.00.01\_21.25.00.00\_ICD WFMOS to WFC

The WFMOS to WFC ICD describes the interface between WFMOS and the HSC/WFMOS Wide Field Corrector. Since the interface is primarily through the optical output of the WFC, this ICD and its associated Reference documents describe the corrector design and its output optical characteristics.

## 6. 90.00.00.01\_30.00.00.00\_ICD WFMOS to Enclosure

The WFMOS to Enclosure ICD describes the interface between WFMOS and the Subaru telescope enclosure. It includes descriptions of the TUE room, the available spectrograph rooms, and equipment transportation to and within the enclosure.

## **7. 90.00.00.01\_80.10.40.00\_ICD WFMOS to Software**

The WFMOS to Software ICD describes the software interface between WFMOS and all related operations and data handling observatory-supplied software. The systems considered include the data archive and pipeline reduction systems, the SOSS, and TCS.