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# **NIRI Programmer's Manual**

***Release 0.9***

**Kathleen Labrie**

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# INTRODUCTION TO THE INSTRUMENT

## 1.1 General Description

## 1.2 Description of the Modes

## 1.3 Required Calibration and Associated Observations

## 1.4 Important Instrument Characteristics or Issues



# TYPICAL DATA REDUCTION FLOWS

## 2.1 List of Typical Sequences

## 2.2 Top-Level Flow Charts for Processing of Calibrations

## 2.3 Top-Level Flow Charts for Processing of Science





# ASTRODATA TYPES

## 3.1 Relevant AstroData Types

list all astrodata types to be considered

## 3.2 Association Table

associate ad types with type of observations



# RECIPES AND CONTEXTS

## 4.1 Contexts

list the contexts

## 4.2 Recipes

list of recipes for each context

location of recipes and indexes

## 4.3 Technical Flow Charts

technical flow charts for each recipes

## 4.4 Issues and Limitations



# PRIMITIVES

## 5.1 Primitive #1 (alphabetical)

### 5.1.1 Purpose

### 5.1.2 Inputs and Outputs

### 5.1.3 Input parameters

### 5.1.4 AstroData Type(s)

### 5.1.5 Inheritance and Primitive Set

### 5.1.6 Location

### 5.1.7 Algorithms

### 5.1.8 Issues and Limitations

## 5.2 Primitive #2



# TEST SUITE

## 6.1 Available Tests

## 6.2 Missing or Desirable Tests

## 6.3 Running the Tests