## PIPELINE START Inputs: instrument; data path; optional parameters First run (includes reset) Rerun LOAD FILE LIST RAW DATA SORT FILES User check file list - - skip\_red True False Check if science target MASTER BIAS output is present MASTER DARK False MASTER FLAT True PROCESS SCIENCE IMAGES (PER TARGEET) CREATE MASK SUB BKG DIVIDE BY EXP NIR Optical FRINGE MAP NIR SKY MAP WRITE OUT ALIGN QUALITY CONTROL STACK User check stack WCS User check WCS PSF PHOTOMETRY ZERO POINT - - phot True APER PHOTOMETRY