

ENGINEERING CHANGE ORDER			ECO No. <u>COS-044</u>	
Center for Astrophysics & Space Astronomy			Date <u>20 October 2000</u>	
University of Colorado, Boulder			Sheet <u>1</u> of <u>2</u>	
Drawing Title	Drawing No.	Revision Letter		Special Distribution
		Current	New	
OP-01	COS-01-0001	1	2	
				Stop Production Now
				<input type="checkbox"/> Yes
				<input type="checkbox"/> No

Description of Change:

1. Sec. 4.1.2.2.2, p. 76, last paragraph after figure: Change “0, 1, 16, and 1024 Hz” to “0, 2, 30, and 2000 Hz”. Then in Sec. 5.3.4, p. 120, first paragraph, 5th sentence: Change “0, 1, 16, and 1024 counts per second” to “0, 2, 30, and 2000 counts per second”. Next sentence, change “1 Hz” to “2 Hz”. Next sentence, change “16 Hz” to “30 Hz”. Finally, next sentence, change “1024 Hz” to “2000 Hz”.
2. Section 5.3.2.1, p. 117, 2nd sentence: There’s an extraneous underscore in between “a” and “pixel boundary”. In the middle of the paragraph that starts “At each update, ...”, end the sentence after the word “occur”, and delete the remainder of the sentence.
3. Sec. 5.3.2.1, p. 117, 3rd sentence from the bottom: Change “Proposers will be advised not to take Accum exposures longer than 900 seconds ...” to “Proposers will advised that Accum exposures longer than 900 seconds may blur the FUV spectra by 1-2 pixels (~1/6 to 1/3 of a resolution element) due to wavelength dependent deviations from the mean Doppler correction.”
4. Sec 5.3.9, p. 124, 5th sentence: Change to “Its third use is to perform an (undispersed) imaging target acquisition, similar to STIS. Finally, it can be used to obtain an early acquisition image as described in Sec. 5.2.3.” First sentence of the next paragraph, “... and an attenuated reflectivity (with ~4% of the primary reflectivity; see Ball SER COS-OPT-021) for bright targets.” Then later in the paragraph on the next page, change “... mounted at a slight angle...” to “... mounted at a 13 degree angle...”.

Reason for Change: Updates to COS operations.	Disposition/Effectivity							
	To Comply With ECO							
	Use As Is							
	Rework To ECO							
	Scrap And Rebuild							
	Record change Only							
	Other (See Above)							
Prepared By: <u>Jon Morse</u>	Date <u>20 Oct 2000</u>	CCB Required		<input type="checkbox"/> Approved				
Design Engr _____	Date _____	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Not Approved				
Project Engr (EE) _____	Date _____	<input type="checkbox"/> Class I		Immediate Incorporation				
Project Engr (ME) _____	Date _____	<input type="checkbox"/> Class II		<input type="checkbox"/> Yes <input type="checkbox"/> No				
QA Mgr _____	Date _____	Completion						
Project Mgr _____	Date _____	Date						
Sponsor _____	Date _____							