HYSPEC Primary Beamline Design Review

To be held on July 25th 2006 at C.L.O, Spallation Neutron Source, ORNL

Review panel: Kenneth K. Chipley, Garrett E. Granroth, Lee Robertson, Igor Zaliznyak
Presenters: Mark Hagen, William J. Leonhardt

Review Panel Charge

The panel is asked to consider the equipment specifications SING14B-20-EQ0003-R00A through to SING14B-20-EQ0007-R00A and associated drawings, and 107030400-EQ0001-R02, and to consider the following questions.

1) Do the designs meet/satisfy SNS engineering criteria (107000000-TD0001-R00)?

2) Are there any identifiable issues with the design that need to be addressed before procurement?

AGENDA

9:00 – 11:00	PRESENTATIONS in Room C-354, Building 8600 (CLO)
9:00 – 9:30	M. Hagen: Overview of the HYSPEC Primary Beamline
9:30 – 9:45	W. Leonhardt: Shutter insert & guide G1A
9:45 – 10:15	M. Hagen: Choppers (T0, T1A, T1B)
10:15 – 11:00	W. Leonhardt: Guides G1b – G9, Chopper boxes & mounts
11:00 – 12:00	TOUR OF BL14B & SNS, Building 8700
12:00 – 13:00	LUNCH BREAK
13:00 – 16:00	PANEL REVIEW in Room C-266, Building 8600 (CLO)
13:00 – 15:00	Question & Answer Session
15:00 – 16:00	Corrective Action List

Documentation

Equipment Specifications:

DOCUMENT	FILENAME
Equipment Specification for a Vertical Axis T-zero Neutron Chopper	107030400-EQ0001-R02.pdf
Beamline 14 Shutter Insert	SING14B-20-EQ0003-R00A.pdf
Beamline 14B (HYSPEC) Neutron Guide Assembly 1A	SING14B-20-EQ0004-R00A.pdf
Beamline 14B Supermirror Guides	SING14B-20-EQ0005-R00A.pdf
HYSPEC Fermi Chopper	SING14B-20-EQ0006-R00A.pdf
Beamline 14B (HYSPEC) Disk Choppers	SING14B-20-EQ0007-R00A.pdf

Associated Drawings:

107030400M8U8700A249.PDF
107030400M8U8700A251.PDF
SING14B20M8U8714A130.PDF
SING14B20M8U8714A132.PDF
SING14B20M8U8714A135.PDF
SING14B20M8U8714A136.PDF
SING14B20M8U8714A137.PDF
SING14B20M8U8714A138.PDF
SING14B20M8U8714A139.PDF
SING14B20M8U8714A140.PDF
SING14B20M8U8714A142.PDF
SING14B50M8U8714A005.PDF
SING14B50M8U8714A006.PDF
SING14B50M8U8714A008.PDF
SING14B50M8U8714A009.PDF
SING14B50M8U8714A010.PDF
SING14B50M8U8714A031.PDF
SING14B50M8U8714A034.PDF
SING14B50M8U8714A035.PDF
SING14B50M8U8714A036.PDF
SING14B50M8U8714A037.PDF
SING14B50M8U8714A042_SHT-1OF2.PDF
SING14B50M8U8714A042_SHT-2OF2.PDF
SING14B50M8U8714A043.PDF
SING14B50M8U8714A052.PDF
SING14B50M8U8714A053.PDF
SING14B50M8U8714A056.PDF
SING14B50M8U8714A061.PDF
SING14B50M8U8714A064.PDF
SING14B50M8U8714A065.PDF
SING14B50M8U8714A066.PDF
SING14B20M8U8714A141.PDF

General Beamline Layout

HYSPEC_39m_rev-03.pdf

M. Hagen
21st July 2006