



Drawings and Photos Related to Cryopump

Columbia U CompX

General Atomics

FIU INL

Johns Hopkins U

LANL

LLNL

Lodestar

MIT

Nova Photonics

New York U

ORNL

PPPL

Princeton U

Purdue U

SNL

Think Tank, Inc.

UC Davis

UC Irvine

UCLA

UCSD

U Colorado

U Illinois

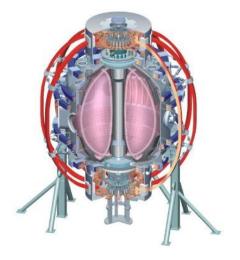
U Maryland

U Rochester

U Washington

U Wisconsin

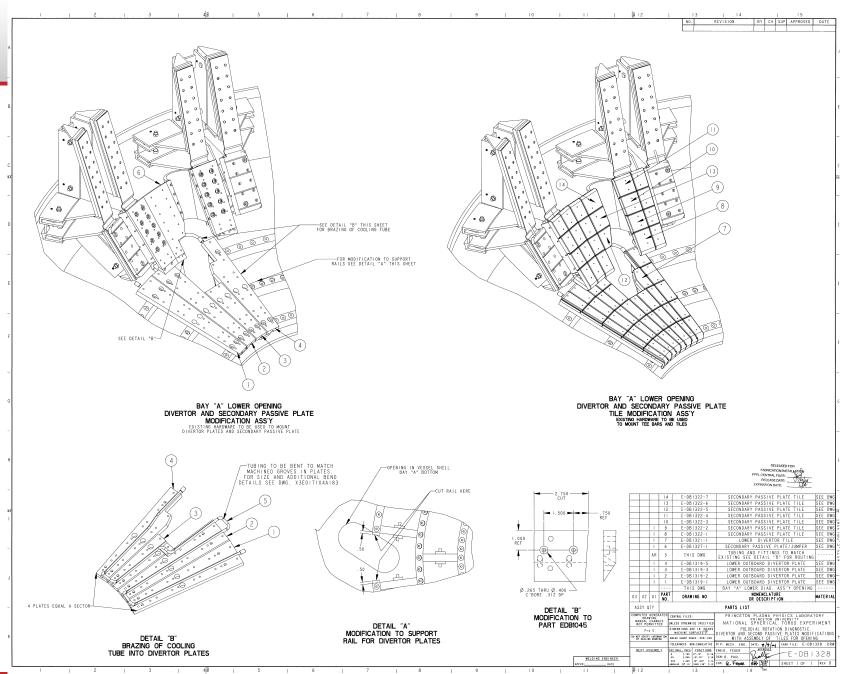
SPG



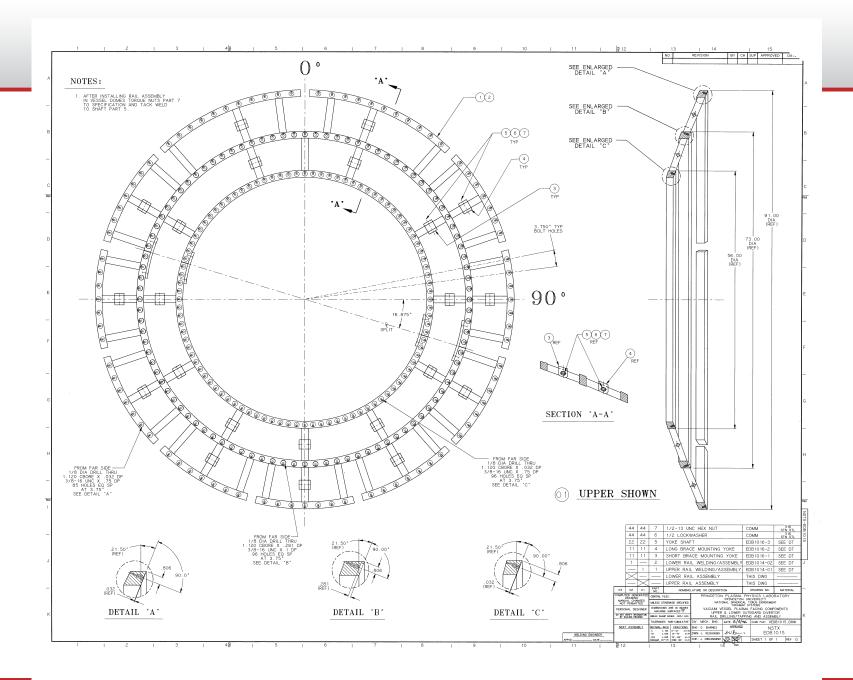


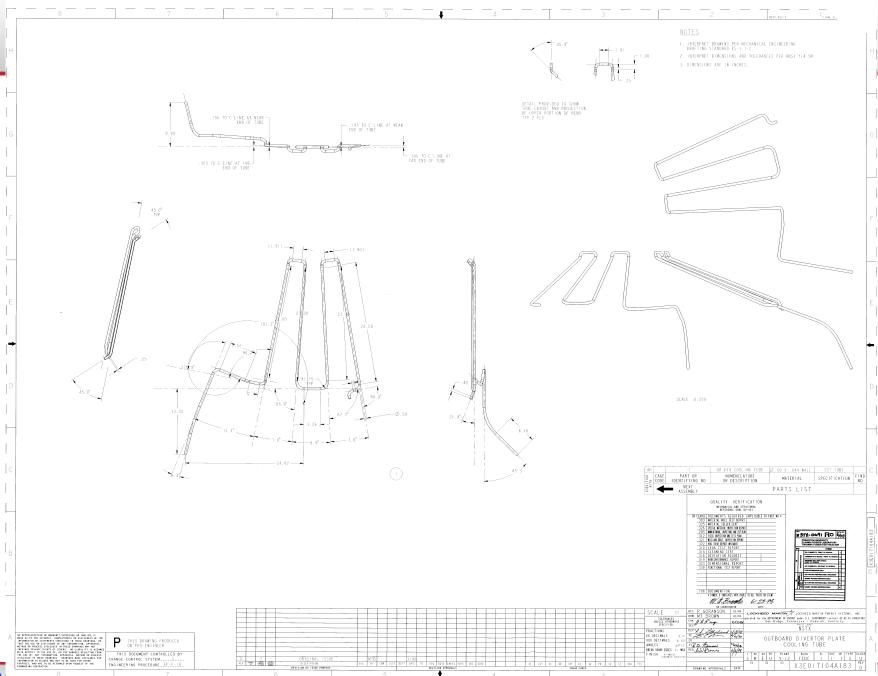
U St. Andrews York U Chubu U Fukui U Hiroshima U Hyogo U Kyoto U Kyushu U Kyushu Tokai U **NIFS** Niigata U **U** Tokyo **JAEA** Hebrew U loffe Inst **RRC Kurchatov Inst** TRINITI **NFRI** KAIST **POSTECH ASIPP** ENEA. Frascati CEA, Cadarache IPP, Jülich IPP, Garching ASCR, Czech Rep

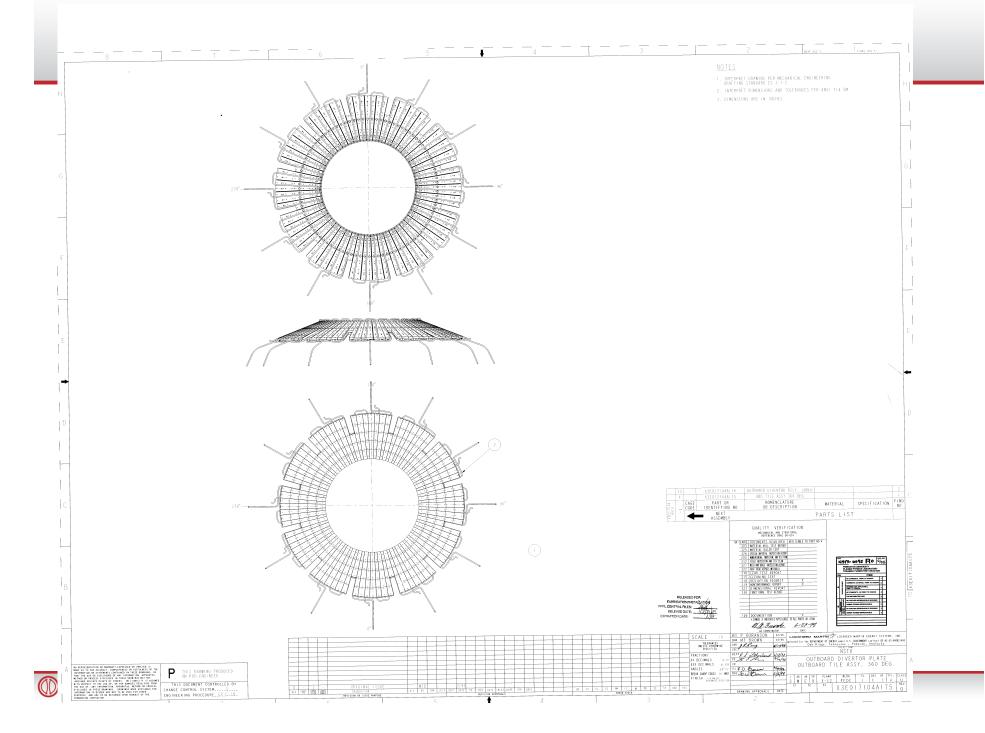
Culham Sci Ctr

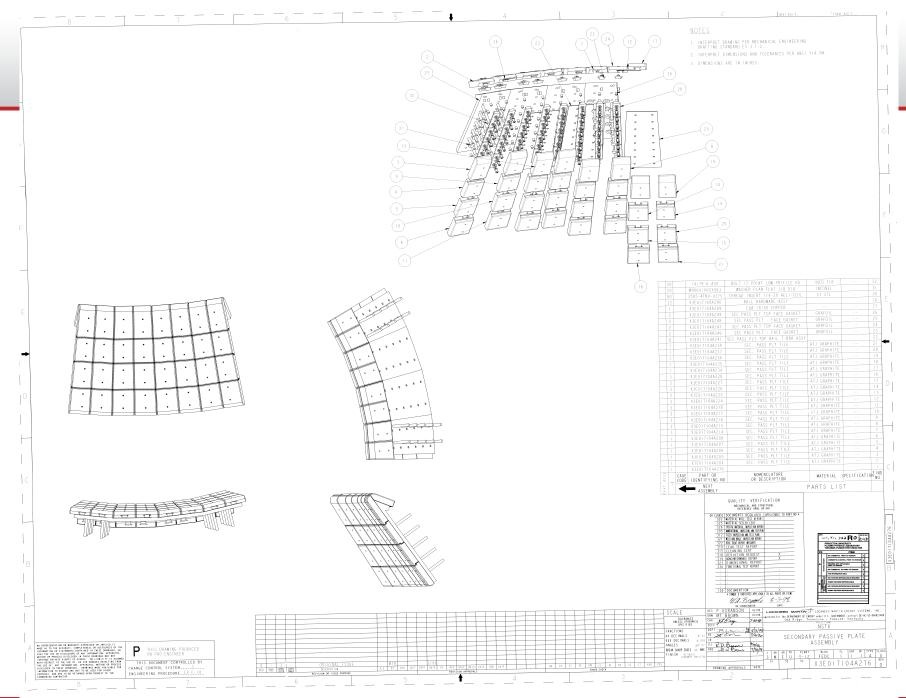




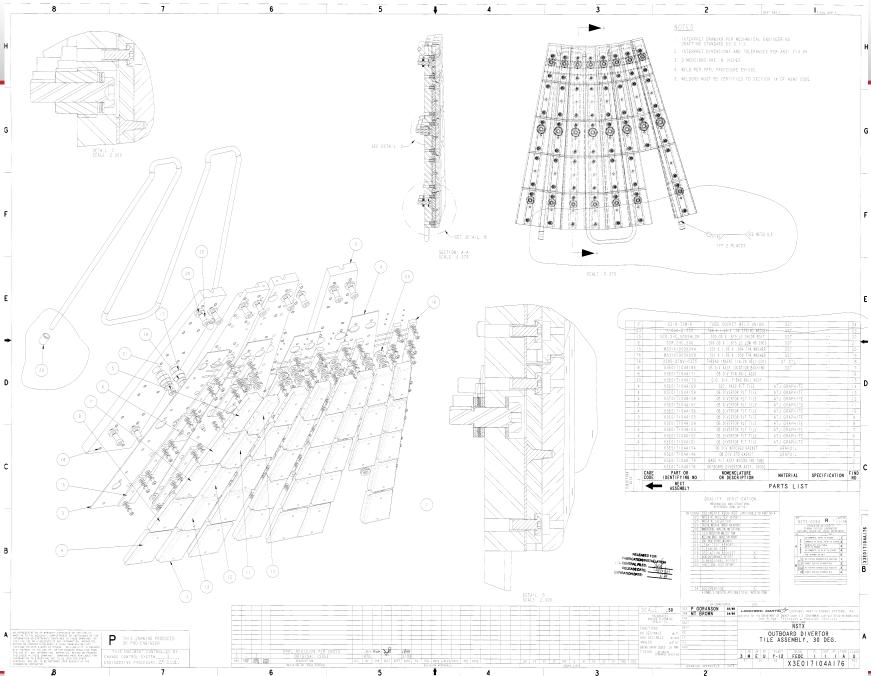




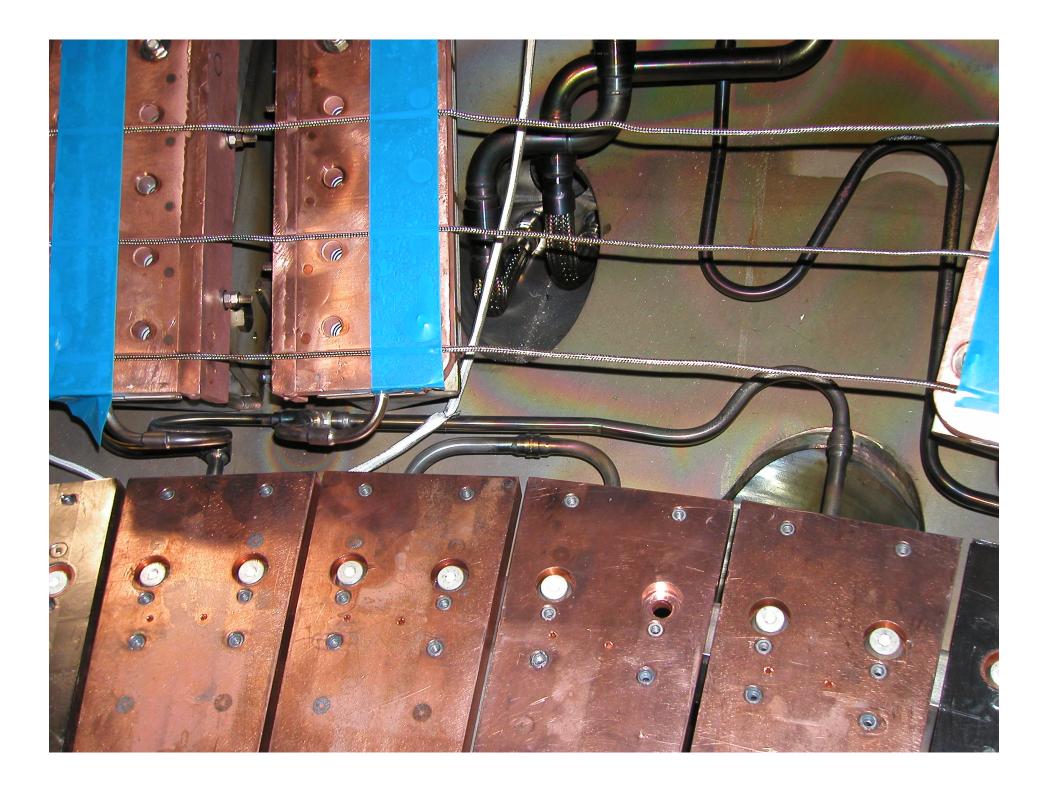






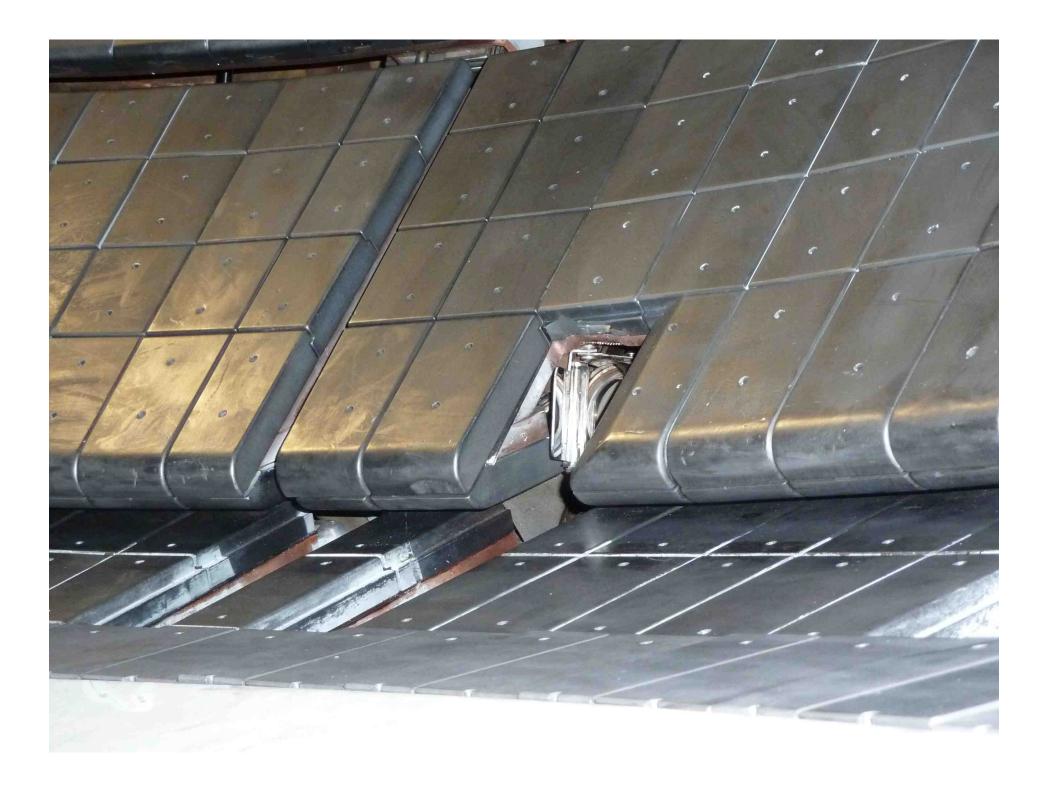


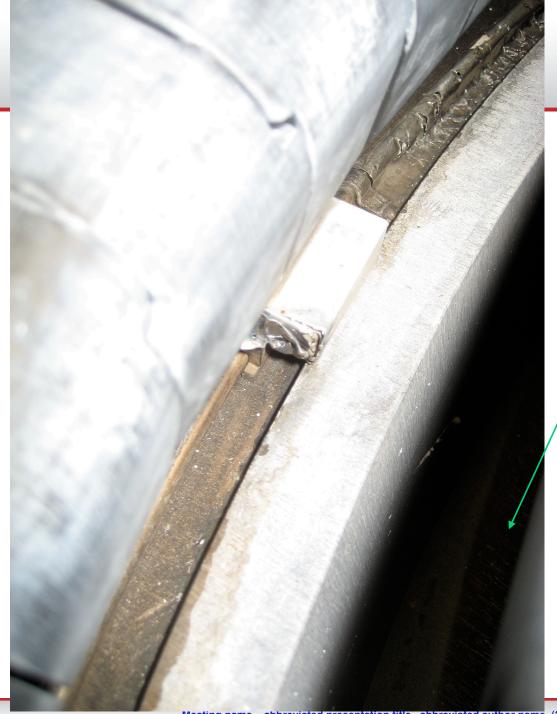




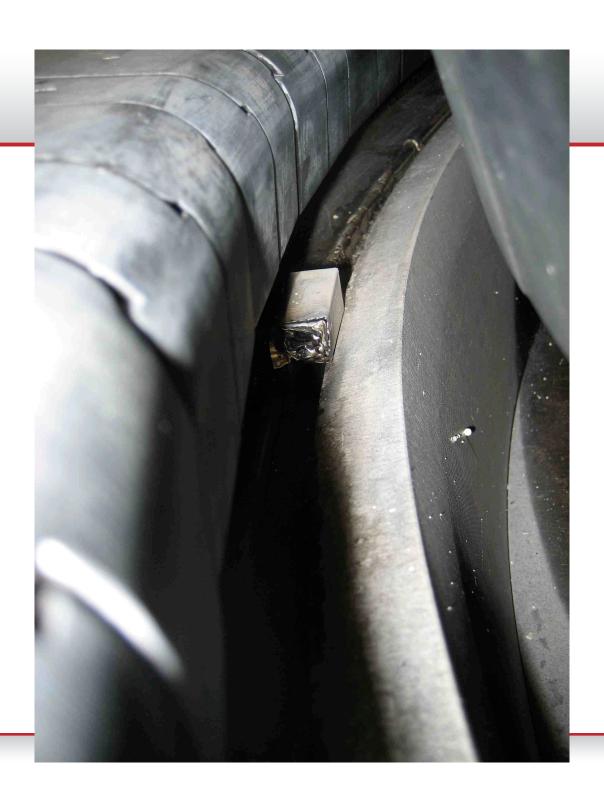






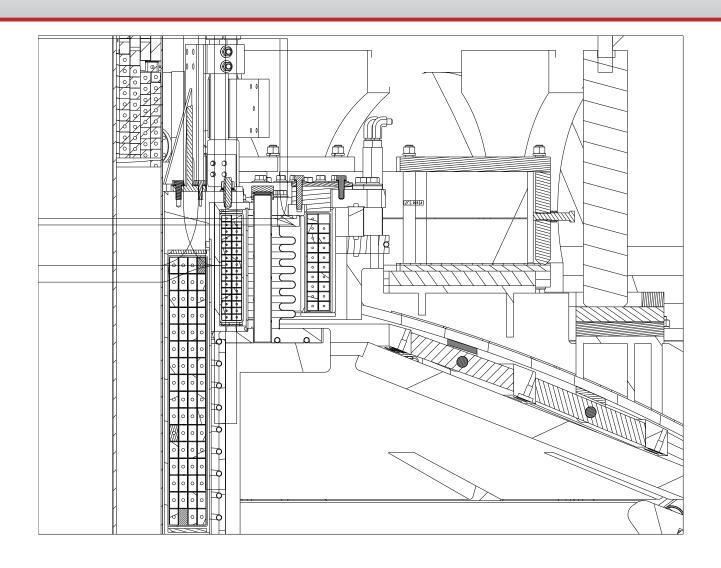


Gap is wider than the flange

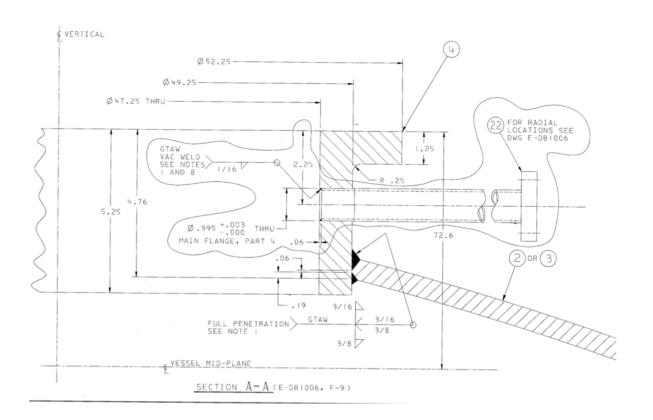


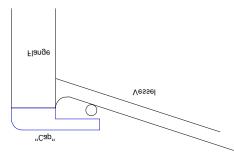


CHI Gap is More Narrow in the Upgrade



Proposed "Cap" in the CHI Gap (I)





Proposed "Cap" in the CHI Gap (II)

Need to do: Agree on basic parameters of design Disruption analysis Field line angle analysis

