



Indiana University Cyclotron Facility

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Document Title	MPRI Clinic and RERP Beam Priority and Scheduling						

IUCF-160703.MIS Word Template 10.0

MPRI Clinic and RERP Cyclotron Beam Priority and Scheduling

Approval

Organization	Title	Name	Signature	Date
IUCF	IUCF Director	J. Musser		18-Oct-2007
IUCF	Cyclotron Integrated System Manager	V. Derenchuk		18-Oct-2007

Distribution List:	General PDF
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Revision History (most recent first)

Revision	Effective Date	Purpose of Release	Author(s)
2	10/18/07	Updated Policy	JM/VD
1	10/05/04	Initial Release	MKW



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1 Introduction

1.1 Policy

James Musser, Director of the Indiana University Cyclotron Facility, IUCF, has established the following policy for determining the priority and scheduling of beam time from the cyclotron:

- The MPRI Clinic will have **first** priority for the use of the Cyclotron beam anytime during the normal work week for patient treatments.
- Customers of the Radiation Effects Research Program, RERP, will have **second** priority for all beam scheduling and use between the hours 7:00 a.m. and 7 p.m. Monday through Friday, and **third** priority at other times during the normal work week.
- The MPRI Clinic will have **third** priority for scheduling and use of beam for quality assurance, dosimetry and other Clinic related purposes between the hours 7 a.m. and 7 p.m. Monday through Friday, and **second** priority at other times during the normal work week, excepting the period 5:30 to 6:00 each morning, when the IUCF will have vault access.
- IUCF will have **fourth** priority for any other activity that requires beam delivery or vault access during the normal work week, except as noted above. IUCF will have **first** priority during the weekends for maintenance and repair activities unless the MPRI Clinic has requested beam on Sunday evening.

The standard operational guidelines for RERP customers are that they will have 12 hours of access to the beam between the hours 7 a.m. and 7 p.m., sharing this time with patient treatment activities.

The MPRI Clinic may schedule beam in advance on any Sunday through Thursday in the evening hours from 7 p.m. to 7 a.m. the next morning.



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RERP will notify the IUCF by 3:00 p.m. on any day that RERP customers will be relinquishing the beam before 7:00 p.m.

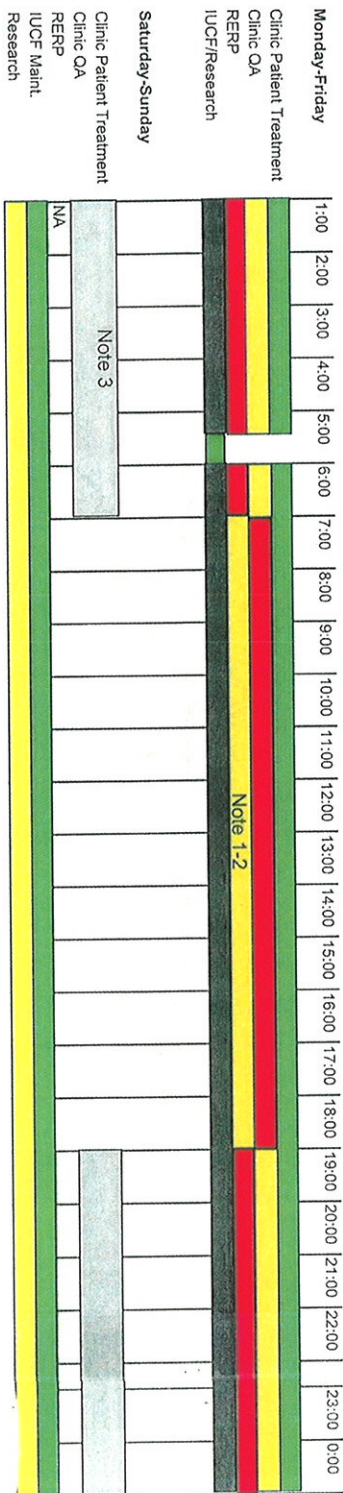
The attached figure summarizes this policy, which takes effect November 1, 2007.



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Beam Scheduling Priorities

Note 1: The standard operational guidelines for RERP customers are that they will have 12 hours of access to the beam between the hours 7 am to 7 pm, sharing this with patient treatment.

Note 2: RERP will notify the IUUCF by 3:00 pm on any day that RERP customers will be relinquishing the beam before 7:00 pm.

Note 3: The MPRI Clinic may schedule beam in advance on any Sunday through Thursday in the evening hours from 7 pm to 7 am the next morning.