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C-A OPERATIONS PROCEDURES MANUAL

7.1.61 OPERATIONS CALL IN

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Approved: _____ ***Signature on File*** _____
Collider-Accelerator Department Chairman Date

D. Lederle

7.1.61 Operations Call In

1. Purpose

- 1.1 To provide guidance to the Shift Supervisor, on who is to be notified when assistance is required for problems that go beyond the scope of the operating shift.

2. Responsibilities

- 2.1 The Shift Supervisor, in accordance with this procedure, will determine when additional guidance/support is required for cryogenic operations.
- 2.2 The Shift Supervisor must notify the Main Control Room (MCR) of major problems, or any conditions that would impact the operation of the accelerator or experiments, in accordance with [C-A OPM 2.12.1, "Communication of the Cryogenic System Status to the Operations Coordinator."](#)

3. Prerequisites

None

4. Precautions

None

5. Procedure

Note

Occurrences must be reported in accordance with [C-A OPM Chapter 10](#).

- 5.1 The names and phone numbers of the Cryogenics personnel, as well as listings for other C-AD groups, can be found in the "Reference" column on the C-A Department, Accelerator Division, Operations web page (this page can only be viewed from behind the firewall).
<http://www.cadops.bnl.gov/AGS/Operations/CallLists/cryo.htm>

5.2 RHIC

- 5.2.1 If helium is vented, or if for any reason the Cryogenic Group has interrupted, or is preventing operation of the accelerator or experiments, the Cryogenic Operations Group Leader must be notified.

- 5.2.2 If operations are to be interrupted for three hours or more, notify the Cryogenic Group Section Head.
- 5.2.3 If a significant change to a cryogenic system is being considered, the Cryogenic Operations Group Leader must be contacted for guidance. Contact is to be made before system changes, if at all possible.

Examples:

- a. Stopping cooling to ring or an experiment for extended period of time.
- b. Abandoning a problem turbine or adsorber in favor of cooling down another from ambient temperature.
- c. In general, any decision that involves a significant change in the configuration of a cryogenics system.

Operations Group Leader Call Down List (Call in Order Listed)

- 1. Operations Group Leader
- 2. Systems Support Specialist
- 3. Mechanical Technical Supervisor
- 4. Mechanical Engineering Group Leader

- 5.2.4 If the problem is of a lesser degree, but still requires operational assistance at the Shift Supervisor level, (such as, restarting systems following a power dip), the following call list shall be used:

- 1. Systems Support Specialist
- 2. Mechanical Technical Supervisor
- 3. Off Duty Shift Supervisor

- 5.2.5 If additional mechanical technician support is required, the Shift Supervisor will contact the Mechanical Technical Supervisor, and/or use the shift schedule to determine the appropriate technician to call.

- 5.2.6 If additional electronics technician support is required, the following call list will be used:

- 1. Electronics Technical Supervisor
- 2. Alternate Electronics Contact
- 3. Off Duty Electronics Technician

5.2.7 If system controls support is required, the following call list will be used:

1. Controls Expert
2. Alternate Controls Expert

5.2.8 If personal computer (PC) support is required, the following call list will be used:

1. PC Expert
2. C-AD Computer Support

6. Documentation

None

7. References

7.1 [C-A OPM Chapter 10.](#)

7.2 [C-A OPM 2.12.1, "Communication of the Cryogenics System Status to the Operations Coordinator."](#)

8. Attachments

None