STEP 6 PROPOSAL

ISSUED OCTOBER 2012

STAIRCASE TO ISIS MAIN CONTROL ROOM

DB D5

ROUTE OVER ISIS MOUND

POSSIBLE EXTENSION OF MICE CONTROL ROOM

EXISTING CONTROL ROOM

STEP 6 PROPOSAL

HYDORGEN CONTROL ROOM

HYDROGEN SYSTEMS 1, 2 & 3

CATCH PIT ACCESS

SOUTH WALL

SLOPE

A

A/C

612

800

1000

850

550

MICE ACTUATOR POWER ELECTRONICS RACK

MICE LUMINOSITY MONITOR RACK

MICE DAQ 4 RACK

MICE RECC RACK

ALTERNATIVE RACK POSITION

MICE DAQ 1 RACK

MICE DAQ 2 RACK

MICE DAQ 3 RACK

MICE SERVICES RACK

SPECTROMETER SOLENOID 1 PSU RACK

SPECTROMETER SOLENOID 1/2 DUMP CIRCUIT

SPECTROMETER SOLENOID 2 PSU RACK

AFC 1/2 MAGNET PSU RACK

RFCC 1/2 MAGNET PSU RACK

AFC 3 MAGNET PSU RACK

MICE CNTRL ROOM DB G1 (5/5 R5.2)

PSS RACK

PSS RACK

Network RACK

SPECTROMETER SOLENOID CONTROL RACK

AFC MAGNET CONTROL RACK

RFCC MAGNET CONTROL RACK

COOLING CHANNEL CONTROL STATION 1

BUSTER

208V DIST BOARD DB D3X (208V TRANS)

EMC TRANSFORMER

MICE HALL RACKS DB D13 (5/5 R5.2)

WATER PUMP

WATER PUMP

COOLING WATER CONTROL RACK

AIR RECEIVER VESSEL

HEAT EXCHANGER

2P RCD DB D15-4

ISOLATOR

SOUTH WALL H2 SYSTEM SERVICES DB D16 (5/5 R5.2)

MISCELLAEOUS DBX (5/5 R5.2)

FLOOR DUCT No 6

CRANE ISOLATOR DB D16/3

MINIFORM D1

MAINT RACK

CC

PC

ALL COMPRESSORS DOUBLE STACKED

WEST WALL

STEEL WALL

FLOOR DUCT No 2

FLOOR DUCT No 3

FLOOR DUCT No 4

FLOOR DUCT No 5

FLOOR DUCT

WATER PANEL No 1

CRYO BOARD A DB D5 (5/5 R5.2)

DSA SERVICES DB D11/4,3

ISOLATOR

OIL SEPARATOR GAS MANAGEMENT PANEL

KAESER CSD122

CONTROL CABINET

TURBINE CHILLER

LINDE LR70 COLD BOX

HELIUM GAS WARMER

PORTABLE VACUUM PUMPING UNIT

BA1

Q4

Q5

Q6

Q7

Q8

Q9

TOF 0

TOF 1

TOF 2

TRACKER No 1

TRACKER No 2

BEAM PROFILE MONITOR

BEAM PROFILE MONITOR POSSIBLE POSITION

CKOV 1 CKOV 2

DIFFUSER RACK

TRACER 1 RACK

CONCRETE BUTTRESS

TRACKER No 2

EMR CONTROL RACK

RAISED FLOOR

TRENCH COVER POSITION 15

TRENCH COVER POSITION 14

TRENCH COVER POSITION 13

TRENCH COVER POSITION 12

TRENCH COVER POSITION 11

TRENCH COVER POSITION 10

TRENCH COVER POSITION 9

TRENCH COVER POSITION 8

TRENCH COVER POSITION 7

TRENCH COVER POSITION 6

TRENCH COVER POSITION 5

TRENCH COVER POSITION 4

TRENCH COVER POSITION 3

TRENCH COVER POSITION 2

TRENCH COVER POSITION 1

TRENCH ACCESS

Magnet Rack MQ4

Magnet Rack MQ5

Magnet Rack MQ6

Magnet Rack MQ7

Magnet Rack MQ8

Magnet Rack MQ9

300mm WIDE CABLE TRAY

150mm WIDE CABLE TRAY

RF SYSTEM DB D6 (5/5 R5.2)

RF/D6 ISOLATOR

30V TRIP SUPPLY DB D4/2

MAGNET PSU DB D4 (5/5 R5.2)

MAGNET PSU/D4 ISOLATOR

TH116 TUBE

TH116 TUBE

TH116 TUBE

TH116 TUBE

RAISED PLATFORM

RMV

TRANSFORMER

BUS

DISTRIBUTION BOARDS

30V TRIP SUPPLY

BLUE/WHITE LIGHTING DB D16/4

2P RCD DB D16/1

ISOLATOR

MICE HALL SERVICES DB D16 (5/5 R5.2)

NORTH WALL SERVICES DB D16/1

MC/COMPRES CONTROL STATION 2

DBTO BOARD D DB D7 (5/5 R5.2)

DBTO BOARD B DB D8 (5/5 R5.2)

DBTO BOARD C DB D9 (5/5 R5.2)

DBTO BOARD E DB D10 (5/5 R5.2)

DBTO BOARD A DB D11 (5/5 R5.2)

NORTH WALL