

Task	Required Parts	Parts Status	Comments	Date		Contact
Racks 9 & 10						
a	Decide on HAD sensor type for Rack 10		Visual or remote sensing		ok	CH, PB
b	Weld plumbing				ok	PB, R.Owen
c	Make CO2 housings		Cables for environmental readout		ok	PB, JH
d	Make humidity sensor housing		Depends on sensor choice			PB, JH
e	Assemble components	Welded pipe, HAD sensors and housings, humidity sensors and housing, DIN rails, valves, couplings, pressure sensors, regulators for security line				PB, R.Owen
f	Leak check subassemblies				ok	PB, R.Owen
g	Move to IR2			19-Aug		PB, R.Owen
h	Connect IR2 plumbing to gas hut					PB, R.Owen
i	Connect plumbing to start of utility tube					PB, R.Owen
j	Install cables to gas hut					CH
k	Install environmental readout in Rack 9	Readout box, CANbus cable from Rack 9 to electronics hut				CH, DJN
l	Checkout	IR2 bypass mode				
Gas Hut						
a	Rebuild regulator panel	5 regulators, air line, air filters,				CH
b	Specify isobutane purity and supplier				ok	CH
c	Devise and implement isobutane heating system				ok	CH
d	Specify O2 purity of helium supply					CH
e	Complete gas hut services and safety system		Wiring, ventilation interlocks, HAD sensors and interlocks, ethernet			R.Messner

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f	Plumbing from IR2 pipes to gas racks	Complete pressure test of IR2 lines	ok			PB, R.Owen
g	Plumbing from regulator panel to gas racks	Regulator panel				PB, R.Owen
h	Make O2 and HAD sensor					PB, JH
i	Bench test HAD sensors	HAD sensors	ok			T.Porter
j	Commission Gas Hut sensors	HAD & O2 sensors, housings, panel		O2 sensor due anytime; HAD sensors available		T.Porter
k	Commission Rack 10 sensors	HAD sensors, housings, panel		HAD sensors available		T.Porter
Gas System						
a	Program nanoautomate					V.Tisserand
b	Certify nanoautomate programming	Test stand	ok	Develop certification procedure		CH, V.Tisserand
c	Test in bypass mode with helium	Racks 9 & 10, gas hut complete, nanoautomate certified		HEEC approval process and walkthroughs		CH, V.Tisserand
d	Run DCH with helium from gas system					
e	Test passive safety devices					
f	Test in bypass mode with					
Chiller						
a	Complete documentation and review concept				ok	RFB
b	Design safety, monitoring, and control systems					RFB
c	Procure components	Tanks, sensors, plumbing, valves, controls, monitoring, interlocks				RFB
d	Assemble components			Where		RFB
e	Test system					RFB
Utilities Tube						
a	Complete fabrication of		12-Aug			
b	Test assembly and installation					RFB, M.Feathers

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c	Define contents and part					PB
d	Load contents					PB, WS, DW
e	Install in BABAR					PB, WS, DW
Installation and Mounting						
a	Complete fabrication of installation fixture		7-Aug	Modifications required	14-Aug	RFB, GK
b	Test assembly and installation					RFB, GK, M.Feathers
c	Install fixture in IR2					RFB, GK, M.Feathers