

PAR VACUUM CHAMBER AND SPARES LOCATION						As of 3-13-2003		
NOTES:								
1 "ITEM" number corresponds to the chamber as labeled on APS drawing 25030101-121000 indicating chamber locations.								
2 As of 3-13-2003, the current revision of the listed drawing is Rev. 01.								
3 This table was made by R. Dortwegt; where PAR chambers are the responsibility of other engineers, this has been noted.								
ITEM	FUNCTION	TAG	ASSY DWG NO.	SPARE TAG	SPARE ASSY DWG	CURRENT STATUS	LOCATION	ACTION REQ'D
1	SEPTUM	N/A	250104-880000		250104-880000	Contact M. Jaski	Contact M. Jaski	
2	EXTRACTION, ION PUMP, ION GAGE	EXTR	25030101-100100	INJ. REGION SPARE	25030101-100200	Spare is complete but not certified	Bldg 382	Leak check and certify
3	TUNER & FLUORESCENT SCREEN	S-6	25030101-00014	SP-6	25030101-200000	Design of spare complete		Fabricate spare
4	VACUUM VALVE (S/N 48144-XE74-1001)	N/A	VAT 84571	Spare valve	VAT 84571	No spare valve on hand		Place req for spare
4				or S-8	or 25030101-00032	Three S-8's in hot cage are OK	Three in hot cage; two in bldg 382	
5	STRIPLINE, ION PUMP	S-1B	25030101-100020	SP-1	25030101-100064	Design of spare complete		Fabricate spare
6	DIPOLE	B-1	25030101-00018	B-2	25030101-00019	Cert. by vendor but not by APS	Bldg 382	Leak check and certify
7	STRIPLINE	S-2	25030101-00011	S-2	25030101-00011	S-2 spare chamber is certified	Bldg 382	
7				or SP-2	25030101-300000	Design of SP-2 is complete		Fabricate spare
8	ION PUMP	S-7	25030101-00012	S-7	25030101-00012	Spare is complete but not certified	Bldg 382	Leak check and certify
9	KICKER VACUUM CHAMBER	P2-IK2	250301-700000		250301-700000	Contact R. Putnam	Contact R. Putnam	
10	FLUORESCENT SCREEN	S-9	25030101-100027	S-3	25030101-00016	Spare is certified	Bldg 382	
11	STRIPLINE, ION GAGE	S-1A	25030101-000010	SP-1A	25030101-400000	Design of spare complete		Fabricate spare
12	DIPOLE	B-1	25030101-00018	B-2	25030101-00019	Cert. by vendor but not by APS	Bldg 382	Leak check and certify
13	STRIPLINE	S-2	25030101-00011	S-2	25030101-00011	S-2 spare chamber is certified	Bldg 382	
13				or SP-2	25030101-300000	Design of SP-2 is complete		Fabricate spare
14	FLUORESCENT SCREEN, ION PUMP	S-5	25030101-00013	SP-5	25030101-00030	Spare is certified	Bldg 382	
15	STRIPLINE	S-2	25030101-00011	S-2	25030101-00011	S-2 spare chamber is certified	Bldg 382	
15				or SP-2	25030101-300000	Design of SP-2 is complete		Fabricate spare
16	DIPOLE w/ LIGHTPORT	B2	25030101-00019	B-2	25030101-00019	Cert. by vendor but not by APS	Bldg 382	Leak check and certify
17	STRIPLINE, ION GAGE	S-1A	25030101-000010	SP-1A	25030101-400000	Design of spare complete		Fabricate spare
18	CURRENT TRANSFORMER	S-T	125541-110000	SP-T	25030101-00029	Spare is complete but not certified	Bldg 382	Leak check and certify
19	ION PUMP	S-7A	25030101-00046 & -100146	S-7A	25030101-00046 & -100146	Spare is certified	Bldg 382	
20	STRIPLINE	S-2	25030101-00011	S-2	25030101-00011	S-2 spare chamber is certified	Bldg 382	
20				or SP-2	25030101-300000	Design of SP-2 is complete		Fabricate spare
21	DIPOLE	B-1	25030101-00018	B-2	25030101-00019	Cert. by vendor but not by APS	Bldg 382	Leak check and certify
22	STRIPLINE, ION PUMP	S-1B	25030101-100020	SP-1	25030101-100064	Design of spare complete		Fabricate spare
23	BEAM TUBE (ONLY)	S-8	25030101-00032	S-8	25030101-00032	Three S-8's in hot cage are OK	Three in hot cage; two in bldg 382	
24	RF CAVITY (12TH HARMONIC)	N/A	25040102-150200		25040102-150200	Contact L. Morrison	Contact L. Morrison	
25	RF CAVITY (CERAMIC BREAK)	N/A	25040101-570300		25040101-570300	Contact L. Morrison	Contact L. Morrison	
26	RF CAVITY (FUNDAMENTAL)	N/A	25040101-420000		25040101-420000	Contact L. Morrison	Contact L. Morrison	
27	RF (WELDED) BELLOWS	N/A	25040101-570201		25040101-570201	Two spares complete and certified	Bldg 382	
28	STRIPLINE, ION PUMP, ION GAGE	S-1	25030101-00009	SP-1	25030101-100064	Design of spare complete		Fabricate spare
29	DIPOLE w/ LIGHTPORT	B2	25030101-00019	B-2	25030101-00019	Cert. by vendor but not by APS	Bldg 382	Leak check and certify
30	STRIPLINE	S-2	25030101-00011	S-2	25030101-00011	S-2 spare chamber is certified	Bldg 382	
30				or SP-2	25030101-300000	Design of SP-2 is complete		Fabricate spare
31	FLUORESCENT SCREEN	S-9	25030101-100027	S-3	25030101-00016	Spare is certified	Bldg 382	
32	ION PUMP	S-7	25030101-00012	S-7	25030101-00012	Spare is complete but not certified	Bldg 382	Leak check and certify
33	KICKER VACUUM CHAMBER	P4-EK	250301-700000		250301-700000	Contact R. Putnam	Contact R. Putnam	
34	STRIPLINE, ION GAGE	S-1A	25030101-000010	SP-1A	25030101-400000	Design of spare complete		Fabricate spare
35	DIPOLE	B-1	25030101-00018	B-2	25030101-00019	Cert. by vendor but not by APS	Bldg 382	Leak check and certify
36	STRIPLINE	S-2	25030101-00011	S-2	25030101-00011	S-2 spare chamber is certified	Bldg 382	
36				or SP-2	25030101-300000	Design of SP-2 is complete		Fabricate spare
37	FLUORESCENT SCREEN, ION PUMP	S-5	25030101-00013	SP-5	25030101-00030	Spare is certified	Bldg 382	
38	STRIPLINE	S-2	25030101-00011	S-2	25030101-00011	S-2 spare chamber is certified	Bldg 382	

38				or SP-2	25030101-300000	Design of SP-2 is complete		Fabricate spare
39	DIPOLE	B-1	25030101-00018	B-2	25030101-00019	Cert. by vendor but not by APS	Bldg 382	Leak check and certify
40	STRIPLINE, ION PUMP, ION GAGE	S-1	25030101-00009	SP-1	25030101-100064	Design of spare complete		Fabricate spare
41	BEAM TUBE (ONLY)	S-3	25030101-00016	S-3	25030101-00016	Spare is certified	Bldg 382	
42	KICKER VACUUM CHAMBER	P1-IK1	250301-700000		250301-700000	Contact R. Putnam	Contact R. Putnam	
43	TUNER	S-4	25030101-00017	S-4	25030101-00017	S-4 spare chamber is certified	Bldg 382	
43				or SP-4	25030101-100001	Design of spare complete		Fabricate spare
44	STRIPLINE	S-2	25030101-00011	S-2	25030101-00011	S-2 spare chamber is certified	Bldg 382	
44				or SP-2	25030101-300000	Design of SP-2 is complete		Fabricate spare
45	DIPOLE	B-1	25030101-00018	B-2	25030101-00019	Cert. by vendor but not by APS	Bldg 382	Leak check and certify
46	STRIPLINE, ION PUMP	S-1B	25030101-100020	SP-1	25030101-100064	Design of spare complete		Fabricate spare
47	VACUUM VALVE (S/N 48144-XE74-1002)	N/A	VAT 84571	Spare valve	VAT 84571	No spare valve on hand		Place req for spare
47				or S-8	or 25030101-00032	Three S-8's in hot cage are OK	Three in hot cage; two in bldg 382	
48	H-SCRAPER, V-SCRAPER, FL.SCRN.	S-6A	25030101-00015	SP-6	25030101-200000	Design of spare complete		Fabricate spare
49	INJECTION, ION PUMP	INJ	25030101-00006	INJ. REGION SPARE	25030101-100200	Spare is complete but not certified	Bldg 382	Leak check and certify