

ENTRY NO. CU61 Date
 Cyclotron Model BC 168 Nippon Telegraph & Telephone Co.
 Institution Electrical Communications Laboratories
 Address Tokai, Ibaraki 319-11, Japan
 Tel +81 292 87 7586 Telex 3632650 IECL J
 Fax +81 292 87 7875 EMAIL
 In Charge: T. Shigematsu Reported by: H. Yonezawa

HISTORY

MILESTONE DATES:
 Installation Oct. 1984 First Beam Oct. 1984
 DESIGN/CONSTRUCTION BY: NTT Electrical Communications Labs
 COST: Accelerator Facility
 FUNDED BY:

STATUS

STAFF: Operators Technicians
 BUDGET: Machine Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) CCAA 50 %
 (b) RBS, PIXE 40 %
 (c) Micro-beam 10 %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) p, d	1.8-16, 3.6-8	50	20
(b) ^3He , ^4He	5.4-21, 6.6-16	10	10

1991 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed 70 m² Moveable m²
 Target Stations: No. Served At Same Time:
 OTHER FACILITIES:

REFERENCES/NOTES

- (a) H. Yonezawa, 11th Cyclotron Conf., 1986, p. 646
- (b)

PLAN VIEW OF FACILITY, COMMENTS

ENTRY NO. CU62 Date
 Cyclotron Model JSW 1710
 Institution NRI (National Research Inst. Metals)
 Address 1-2-1 Sengen, Tsukuba, Ibaraki 305, JAPAN
 Tel (0298) 51-6311 Telex
 Fax (0298) 51-4556 EMAIL
 In Charge: J. Nagakawa Reported by: J. Nagakawa

HISTORY

MILESTONE DATES:
 Installation April 85 - June 86 First Beam June 1986
 DESIGN/CONSTRUCTION BY: JSW/JSW
 COST: Accelerator \$1,750,000 Facility \$750,000
 FUNDED BY: Science and Technology Agency, JPN Gov.

STATUS

STAFF: Operators 0 Technicians 0
 BUDGET: Machine \$200,000 Funded by STA
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Basic Research (Materials Science) 80 %
 (b) Maintenance 20 %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) p/d	17/10	50 p/d	50 p/d
(b) He-3/He-4	26/20	20	20

1991 μ A-hours on target: 1.75 x 10e3

FACILITIES

SHIELDED AREA: Fixed 90 m² Moveable 0 m²
 Target Stations: 1 No. Served At Same Time: 1
 OTHER FACILITIES:

REFERENCES/NOTES

- (a) Proc., 11th Int'l. Conf. on Cyclotron, 1986, p. 571
- (b) (H. Shiraishi, et al.)

PLAN VIEW OF FACILITY, COMMENTS

