

**Entry:** CU17 ..... **Date:** 5 June 1998 .....  
**Machine Name:** CP42 .....  
**Cyclotron Model:** TCC CP42 .....  
**Institution:** TRIUMF .....  
**Address:** 4004 Wesbrook Mall, Vancouver, BC, Canada .....  
**Tel:** (604)-222-1047 .....  
**Fax:** (604)-222-1074 ..... **Web:** atg.triumf.ca .....  
**E-mail:** stevenson@triumf.ca .....  
**In Charge:** Dr. Nigel R. Stevenson .....

**HISTORY**

**Installation:** Sept. 1978.... **First Beam:** July 1979 .....  
**Design/Construction by:** The Cyclotron Corporation .....  
**Funded by:** Atomic Energy of Canada Ltd., Radiochemical Co

**USES**

Isotope Production	85 %
NET and other research	7 %
Maintenance	8 %
.....	%
.....	%
<b>Total time:</b> 8760.....	h/year

**CHARACTERISTIC BEAMS**

**Ions/energy/current:**  
 H<sup>+</sup> 11-42 MeV 250 μA internal .....  
 p<sup>+</sup> 11-42 MeV 250 μA external .....  
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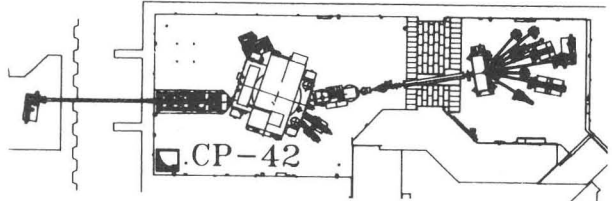
**EXPERIMENTAL FACILITIES**

Radioisotope production targets (solid, fluid, encapsulated) .....  
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**REFERENCES**

J.O. Hendry et al., Proc. 9<sup>th</sup> Int. Conf. On Cyclotrons, p125.....  
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**PLAN VIEW OF FACILITY**



**COMMENTS**

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**Entry:** CU18 ..... **Date:** 5 June 1998 .....  
**Machine Name:** TR30 .....  
**Cyclotron Model:** EBCO TR30 .....  
**Institution:** TRIUMF .....  
**Address:** 4004 Wesbrook Mall, Vancouver, BC, Canada .....  
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**In Charge:** Dr. Nigel R. Stevenson .....

**HISTORY**

**Installation:** June 1989.... **First Beam:** July 1990 .....  
**Design/Construction by:** TRIUMF/EBCO .....  
**Funded by:** MDS Nordion .....

**USES**

Isotope Production	95 %
Maintenance	5 %
.....	%
.....	%
<b>Total time:</b> 8760.....	h/year

**CHARACTERISTIC BEAMS**

**Ions/energy/current:**  
 H<sup>+</sup> 15-30 MeV 1200 μA internal .....  
 p<sup>+</sup> 15-30 MeV 2 x 600 μA external (dual beam) .....  
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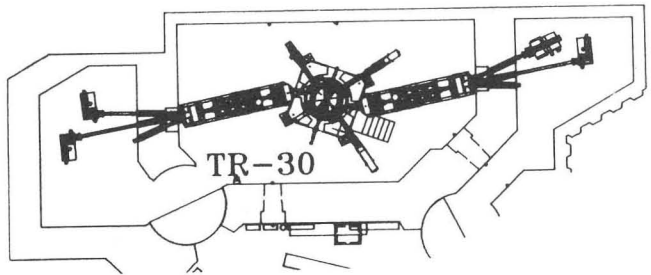
**EXPERIMENTAL FACILITIES**

Radioisotope production targets (solid, gas) .....  
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**REFERENCES**

K. Erdman et al., Proc. of 1993 Particle Accel. Conf. (IEEE), p1733.....  
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**PLAN VIEW OF FACILITY**



**COMMENTS**

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