



**KEY TO TRIUMF EXPERIMENT NUMBERS
SCHEDULE 104**

BASE PROGRAM/ISAC

<u>Exp. No.</u>	<u>Spokesperson(s)</u>	<u>Title of Proposed Experiment</u>
PIF	E.W. Blackmore	Proton Irradiation Facility
614	G.M. Marshall V. Selivanov R. Tribble	Precision Measurement of the Michel Parameters of μ^+ Decay
782	D.E. MacLaughlin	Non-Fermi-Liquid Behavior and Other Novel Phenomena in Heavy-Fermion Alloys
817	R. Kiefl R. Miller	β -NMR Investigation of Type II Superconductors
824	J.M. D'Auria	Nuclear Astrophysics with DRAGON at ISAC
826	B.G. Turrell	Studies of Ultrathin Magnetic Films with Implanted Isotopes
842	P. Percival	Muonium-substituted Free Radicals in Sub- and Supercritical Water
843	R. Kadono J. Akimitsu	Quadrupole Ordering in Dense Kondo System Studied by μ LCR
851	D.R. Harshman	Ruthenate and Cuprate High- T_c Compounds
870	B.R. Fulton	Breakout from the Hot CNO Cycle via the $^{18}\text{Ne}(\alpha, p)^{21}\text{Na}$ Reaction
871	T. Minamisono K. Matsuta	Meson and Quark Effects in the Nuclear β Decay of ^{20}Na
877	W. Higemoto	μ SR Studies of Strongly Correlated Electron Systems under High Pressure
883	P.W. Percival	Muoniated Methyl and Associated Free Radicals
915	P.J.C. King R.L. Lichti	Muonium in Semiconductor Alloys
917	J.H. Brewer J. Sugiyama	Correlation between Magnetism and Transport Properties of Thermoelectric Oxide
931	J.E. Sonier D.B. Leznoff	Magnetic Properties of Multinuclear, Open-Shell Coordination Complexes and Polymers Probed by μ SR
938	J.H. Brewer V.G. Storchak	Muonium Formation and Ionization in Semiconductors and Insulators
939	D.G. Fleming	Guest-Host Interactions and Hfcs of Mu-Radicals in Zeolites
942	S. Dunsiger R. Kiefl	Magnetic Fluctuation near Metal Insulator Transitions in Ruthenate Pyrochlores

BASE PROGRAM/ISAC (contd.)

<u>Exp. No.</u>	<u>Spokesperson(s)</u>	<u>Title of Proposed Experiment</u>
944	R.L. Lichti K.H. Chow	Muonium Sites and Dynamics in Silicon Carbide
947	D.G. Jenkins	Evaluation of the Competition Between Single-Step and Multi-Step γ Decay In the $^{12}\text{C}(^{12}\text{C},\gamma)$ Reaction
949	J. Arai	μSR Study of Magnetic Order in High- T_c Superconductor under High Pressure
952	L. Buchmann	$^{12}\text{C}(\alpha,\gamma)^{16}\text{O}$ at DRAGON
953	Z. Salman	Spin Dynamics and Quantum Coherence in Molecular Magnets
955	G. Hackman F. Sarazin	Probing Shell Structure with β - and β -n-Delayed γ Spectroscopy
960	R.L. Lichti	Hydrogen (Mu) Defect Level in II-VI Chalcogenides
965	C.R. Wiebe G.M. Luke Y.J. Uemura	Investigation of Spin Statics and Dynamics in the New Dipolar Spin Ice $\text{Ho}_2\text{Ru}_2\text{O}_7$
969	G.D. Morris	Metamagnetic Transitions and Quantum Critical Behavior
974	C.R. Wiebe G.M. Luke Y.J. Uemura	μSR Experiments on Superconductivity and Magnetism in the New Layered Oxide $\text{Na}_{0.35}\text{CoO}_2 \cdot y\text{H}_2\text{O}$
975	W. Higemoto R. Kadono	Magnetism and Superconductivity in $\text{Na}_x\text{CoO}_2 \cdot y\text{H}_2\text{O}$
977	A. Koda R. Kadono	Magnetism and Superconductivity in Spinel Oxides
978	K. Ohishi R. Kadono	Magnetism in Organic Chiral Compounds
981	Z. Salman A. MacFarlane	Photoinduced Magnetism in Prussian Blue Analogs