Progress of The RIST Project, J.R.J. BENNETT, R.A. BURRIDGE, T.A. BROOME, C.J. DENSHAM, P. DRUMM, W.R. EVANS, I.S.K. GARDNER, M. HOLDING, G.M. MCPHERSON, G.R. MURDOCH, V. PANTELEEV*, and T.G. WALKER, CLCR's Rutherford Appleton Laboratory; T.W. AITKEN, J. KAY, S. METCALF, H. PRICE and D.D. WARNER, CLRC's Daresbury Laboratory; H. RAVN, CERN - The status and progress of the Radioactive Ion Source Test (RIST) Project** is given. A tantalum target consisting of nearly 8000 foils, 0.0025 cm thick, cut into discs and washers has been diffusion bonded together to form a rigid structure and tested at temperatures up to 2000 K. Fins on the surface allow the target to dissipate over 30 kW of beam power. Progress of the separator and the target tests with beam is given.

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