

~~CONFIDENTIAL~~

~~HANDLE VIA COMINT CHANNELS ONLY~~

DEFENCE SIGNALS DIRECTORATE

18-11-2

(f5)

## MINUTE PAPER

### REFERENCE:

AP  
STE  
SMT  
SMO

Declassified by ASD - 04/02/2022  
Information removed for national  
security and/or personal sensitivities

### ADDITIONAL SITE PLANNING INFORMATION, MARSIK

The following information was obtained from CRAY as a result of phone calls by to U.K. and U.S. 12/13 Sep 84:

Low Loss Cable: Similar in specification to a Pirelli cable. CRAY Research U.K. had 1000 metres made to their specification. 400 metres remain available on short lead time. Approximate cost \$9 per metre. Details being sent via Cheltenham contact.

Power Wiring Detail Chart: Will send equivalent to "D.10650001B". Hopefully will catch courier for Monday 17th arrival in Techway at Sydney/Melbourne.

Silenced Piller M.G.: The Piller unit is the first of its type. Built to tender for CRAY U.K. Kato and MPL also tendered but Piller selected on merit (the Kato unit on test at Chippewa is 60HZ). Piller unit is 167KVA at 0.9 power factor = 150KW, continuous rating. Full specifications will be with same courier.

Brief details are:

width 2392mm  
height 2060mm  
depth 1100mm

Can deliver in 2 or 4 pieces. If 4 then cabinet is in 3 pieces plus M.G. The M.G. slides in from front, and access is required for this. Cables enter from left end (front view). Air inlet is at right. Air outlet is at top. Should be able to re-assemble in a restricted space.

will research equipment weights. The Piller will probably be available at similar cost to the standard unit. The local Australian agent may be able to get some details, however it is a CRAY developed special.

~~CONFIDENTIAL~~

~~HANDLE VIA COMINT CHANNELS ONLY~~

~~CONFIDENTIAL~~

~~HANDLE VIA COMINT CHANNELS ONLY~~

- 2 -

Declassified by ASD - 04/02/2022  
Information removed for national  
security and/or personal sensitivities

Silenced Kato M.G.:

The Silenced KATO M.G. is available in 50HZ and 60HZ versions.                    advises that it will now be the standard CRAY M.G. set, and so available at no additional cost. The Motor Generator can be lifted off its mountings and removed out the front of the unit. It weighs 2250 Kg. The KATO can attach lifter - rollers to the ends and be raised just off the floor, thus not increasing its height significantly whilst being moved.                    will investigate if the air outlet vent can be moved to the side of the unit. A documentation package will be forwarded ASAP from Chippewa.

SM  
14 Sep 84

~~CONFIDENTIAL~~

~~HANDLE VIA COMINT CHANNELS ONLY~~