

D. Garrett
TWG 1-21-98

Attachments
9a

**FY 98 NEEDS IN ADVANCE FOR FY 2000
TECHNOLOGY UPGRADES FOR
SYSTEM-WIDE CHANNEL MAPPING**

Equipment Cost Summary for GCMRC Survey Dept

	<u>Estimated Cost</u>
1. Hydro field computer upgrade	\$4,000
2. Two Topcon GTS-313 Total stations	16,000
3. Marimatech Sea103 Echosounder maintenance & upgrade	3,500
4. Geodimeter ATS-PT Tracking system	40,000
5. Two Trimble 4800 GPS dual frequency receivers	30,000
6. Two TDS Huskey FS/2 Survey Data collectors (universal survey data collector)	11,000
7. Miscellaneous survey costs	10,000
Total Estimated Cost	<u>\$116,000</u>