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**OSAKA GAS'
GPR and CABLE
& PIPE
LOCATOR**

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OSAKA GAS' GPR and CABLE & PIPE LOCATOR

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ABSTRACT: Osaka Gas has been developing 'GPR' and Pipeline & Cable Locator, hereafter 'PCL' for many years. Since 1982, 296 GPR sets and 574 PCL sets have been adopted by Osaka Gas. The latest GPR enables pipe detection automatically by simultaneous image processing. The latest PCL's phase detection enables identifying the target pipe from the adjacent conduits. This paper describes the recent developments and case studies of these two machines.