

ALL COMMUNICATIONS SHOULD BE ADDRESSED TO THE
DIRECTOR OF SURVEYS AND MAPPING
THE REPLY TO THIS LETTER SHOULD BE MARKED
FOR THE ATTENTION OF:



THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

YOUR FILE NO.

Circular Letter No. 250

OUR FILE NO.

DIRECTOR AND SURVEYOR-GENERAL
FIELD OPERATIONS DIVISION
LEGAL SURVEYS DIVISION
MAP PRODUCTION DIVISION

SURVEYS AND MAPPING BRANCH
DEPARTMENT OF LANDS, FORESTS,
AND WATER RESOURCES
VICTORIA, BRITISH COLUMBIA

September 30, 1974.

**TO: ALL BRITISH COLUMBIA LAND SURVEYORS
CORPORATION OF LAND SURVEYORS OF BRITISH COLUMBIA
REGISTRARS.**

Re: Integrated and Control Survey Regulations.

In April 1974 B.C. Reg. 240/70, General Instructions for Surveys in Integrated Survey Areas, was superceded by B.C. Reg. 271/74 which made a number of amendments to the 1970 Regulations and in particular gave some relaxation from the requirement to make ties to control monuments in certain circumstances.

During the time B.C. Reg. 271/74 was being printed a number of events took place which made it necessary to reconsider the regulations. 50 land surveyors known to practise in Integrated Survey Areas were consulted and so far as possible their views were incorporated in further amendments.

The old Regulations governed the conduct of both control surveys and cadastral surveys in Integrated Survey Areas. These have now been separated and two Regulations are enclosed herewith:

B.C. Reg. 576/74 - *General Instructions for Cadastral Surveys in Integrated Survey Areas.*
(Short Title: *Integrated Survey Regulations.*)

B.C. Reg. 577/74 - *General Instructions for Control Surveys in Integrated Survey Areas.*
(Short Title: *Control Survey Regulations.*)

To those land surveyors who never received B.C. Reg. 271/74 these new Regulations should be considered as superseding B.C. Reg. 240/70.

THE MAIN PURPOSE OF THE AMENDMENTS IS TO MAKE THEM MORE WORKABLE AND TO REDUCE THE TIME AND COST OF INTEGRATED SURVEYS.

To this end the new Regulations contain the following principal amendments:

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1. During a cadastral survey a land surveyor is no longer required to set additional control monuments - which involved delay caused by the correspondence required with this office.
2. In any cadastral survey in an Integrated Survey Area a certain density of "superior type" monuments are required to be set if such density does not already exist.
3. In certain small surveys relief is granted from making ties to control monuments, to reduce the number of ties that are required.
4. When a subdivision of a previous integrated survey is being made no further ties to control monuments are required.
5. Every survey plan shall show connections (taken from prior survey plans in certain circumstances) to at least two control monuments so that coordinates may be computed without reference to other plans.
6. In line with metric conversion all dimensions in the new Regulations are metric and U.T.M. coordinates in metres will be issued for all new areas and will eventually replace polyconic coordinates in feet in existing areas.
7. All cadastral survey plans will be required to show ground level measured distances, and to facilitate the checking of closures on control monuments a secondary system of ground level coordinates with unit scale factor will also be issued.
8. During the period of metric conversion surveyors will be using feet measurements for cadastral and metres for control. The EXACT CONVERSION FACTOR is 0.3048 used as a multiplier or divisor as appropriate. Surveyors may find it convenient to divide all ground level coordinates in metres by this factor and obtain a system of ground level coordinates in feet (from which some large constant may be subtracted) for use in everyday checking of surveys. Ground level coordinate systems are only for the convenience of surveyors and engineers. If ever the coordinate of a point is referred to in a document or correspondence the SEA LEVEL U.T.M. COORDINATE IN METRES must be quoted.

In future Integrated Survey Areas will not be promulgated until an adequate density of control is established or alternatively definite arrangements for the densification of the control concurrent with development will be made.

In normal circumstances land surveyors in private practise will not be concerned with the Control Survey Regulations but should it be possible to assign a control survey to a private land surveyor instructions for the work will always be issued from this office to augment the Regulations.

This Branch is well aware that we are still feeling our way with Integrated Surveys. Any constructive criticisms of the Regulations or of siting and density of control monuments will always be welcome. In order to keep the structure intact I also rely upon all B.C. Land Surveyors to

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REPORT MISSING CONTROL MONUMENTS or damaged ones with which agreement cannot be obtained.

This letter touches on the highlights of the new Regulations. You are urged to READ THE NEW REGULATIONS CAREFULLY before conducting any new survey in an Integrated Survey Area.

Yours truly,



A. H. Ralfs,
Surveyor-General and Director,
Surveys and Mapping Branch.

INACTIVE