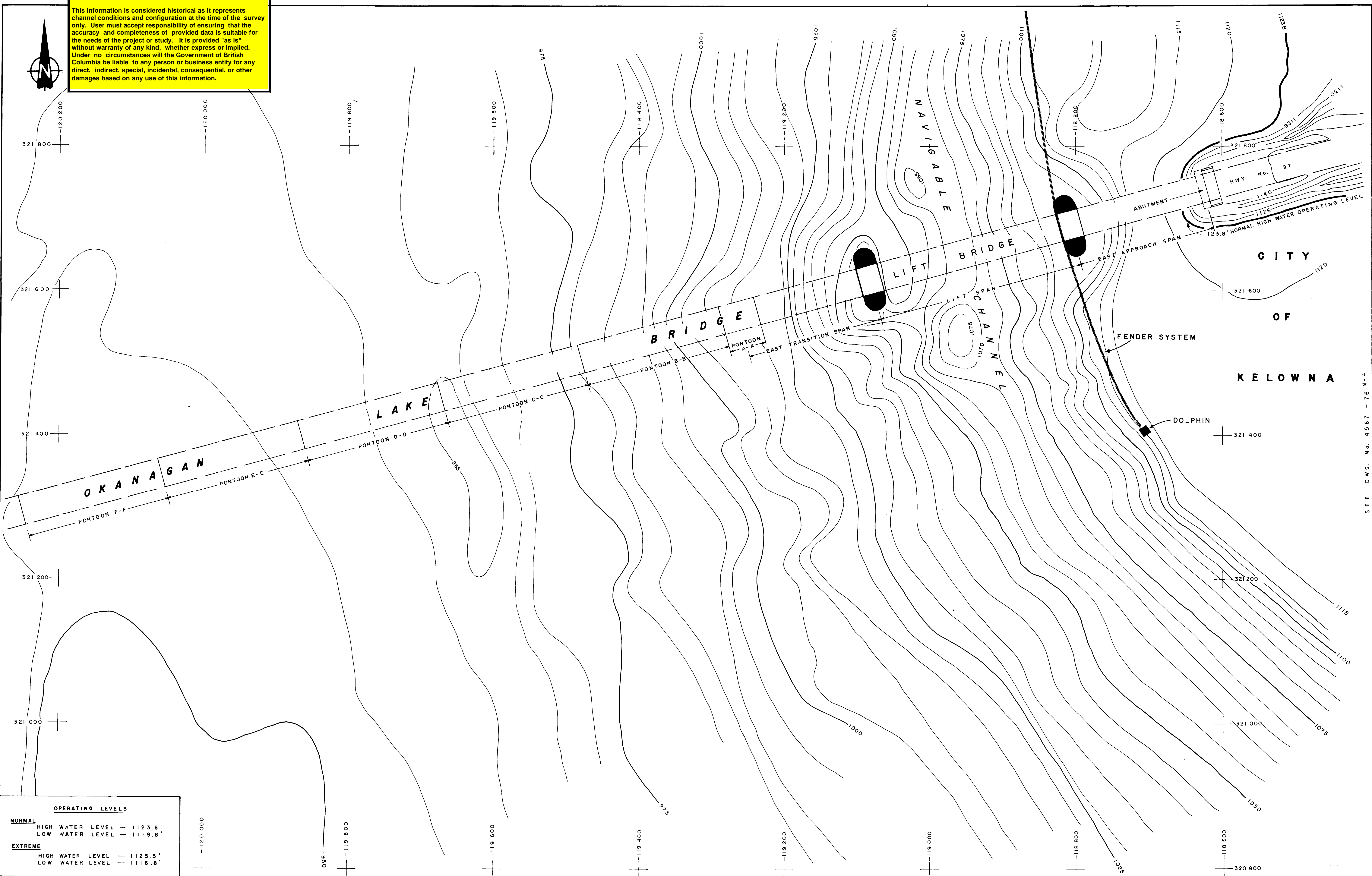


NOTE:
 This information is considered historical as it represents channel conditions and configuration at the time of the survey only. User must accept responsibility of ensuring that the accuracy and completeness of provided data is suitable for the needs of the project or study. It is provided "as is" without warranty of any kind, whether express or implied. Under no circumstances will the Government of British Columbia be liable to any person or business entity for any direct, indirect, special, incidental, consequential, or other damages based on any use of this information.



SEE DWG. No. 4567-76N-2

SEE DWG. No. 4567-76N-4

OPERATING LEVELS	
NORMAL	HIGH WATER LEVEL — 1123.8'
	LOW WATER LEVEL — 1119.8'
EXTREME	HIGH WATER LEVEL — 1125.5'
	LOW WATER LEVEL — 1116.8'

NOTES

- This map has been prepared from field surveys carried out by the Surveys Section, Planning and Surveys Division, Water Investigations Branch, including photogrammetric mapping, prepared by the Surveys and Mapping Branch, Ministry of the Environment, Province of British Columbia.
- Survey Data**
 - Horizontal control was established by triangulation.
 - Subaqueous contours below elevation 1120 were determined by Raytheon depth sounder Model DE 719.
 - Bathymetric fix is made independent by having simultaneous observations to the transducer taken by theodolite from two shore stations.
 - Planimetric mapping above contour elevation 1120 was supplied by Surveys and Mapping Branch, Mapping Project 72-ST - Vernon Creek.
 - The survey was carried out during the period August 21 - 23, 1976.
 - Location of bridge and pontoons are taken from Dwg. No. 5280-2, 5281-2 available through the British Columbia Toll Highways and Bridges Authority, and prepared by Swan, Wooster & Partners, Consulting Engineers, March, 1957.
- Datum**
 - Coordinates are polygonic rectangular referred to Latitude 49° and Longitude 119°.
 - Horizontal control for the mapping above contour elevation 1120 is based on provincial network and the

horizontal control for mapping below contour elevation 1120 is based on integrated survey monument no.'s 6437, 6479, 6483 and 6516.
 c) Elevations (feet) are referred to Bench Mark 1378-J, Kelowna, established by Geodetic Survey of Canada 1959.
 Field Books: Survey data are recorded in field books No. 5 2140F2 page 38-43, 2140F3 page 37-38, and 2140I-3.
 5) Air Photographs: B.C. 5512 frames 174-176 for planimetric details at west end of bridge, exposed August 25, 1972, photo scale 1 inch = 2650 feet. B.C. 5499 frames 284-286 for planimetric details at east end of bridge, exposed August 4, 1972, photo scale 1 inch = 2650 feet.

LEGEND

- ▲ TRIANGULATION STATION
- ▲ BENCH MARK
- GROUND CONTROL POINT
- AIR PHOTO CENTRE
- ROAD
- - - TRAIL
- ~ CREEK
- ~ CREEK INTERMITTENT
- ~ CREEK INDEFINITE
- ☼ SWAMP
- 100'-CONTOURS & ELEVATIONS
- ▭ BUILDING
- - - DRAINAGE AREA BOUNDARY

STORAGE LICENCES			
LICENCE	PRIORITY DATE	AUTHORIZED ACRE - FEET	DEVELOPED ACRE - FEET

REFERENCES		
DWG NO.	DESCRIPTION	DATE

REVISIONS		
NO.	DESCRIPTION	DATE

SURVEYED: B. Schubert
 DATE: MAY 1977
 DESIGNED:
 DRAWN:
 TRACED:
 CHECKED:
 DATE: MAY 1977

BRITISH COLUMBIA
 MINISTRY OF THE ENVIRONMENT
 ENVIRONMENTAL AND ENGINEERING SERVICES
WATER INVESTIGATIONS BRANCH

STORAGE INVENTORY PROGRAMME
 OKANAGAN BASIN - COLUMBIA SYSTEM

OKANAGAN LAKE
 PLAN OF BATHYMETRIC SURVEY
 OKANAGAN LAKE BRIDGE

APPROVED: [Signature]
 HEAD, SURVEYS SECTION PLANNING & SURVEYS DIV. DATE: MAY 1977

FILE NUMBERS	
BRANCH:	INVENTORY: 0305080-1
SCALE:	1 inch = 50 Feet
SURVEY PROJECT NO:	76-01A-1/10
DWG NO:	4567-76 N
SHEET:	3 of 4