



NOTES

- ON 24 NOVEMBER 2017, TERRA REMOTE SENSING INC (TRSI) CONDUCTED BATHYMETRIC AND SUB-BOTTOM PROFILING SURVEY AT THE OGDEN PIER B, IN VICTORIA BRITISH COLUMBIA.
- POSITION, HEADING AND ATTITUDE DATA FOR THE MULTIBEAM SURVEY WERE RECORDED BY HYPAACK 2016 AND APPLANIX POSVEY SOFTWARE. GPS DATA FOR THE SUB-BOTTOM SURVEY WERE RECORDED AT ONE SECOND INTERVALS TO TRSI'S PROPRIETARY NAVIGATION AND DATA LOGGING SOFTWARE. RTC.
- SOUNDINGS WERE COLLECTED USING A RESON 7125-SV2 MULTIBEAM SURVEY ECHO SOUNDER OPERATING AT 400KHZ. SOUND VELOCITY AT THE TRANSDUCER HEAD WAS MEASURED IN REAL-TIME WITH AN AML MICRO-S VSP. ALL DATA WERE LOGGED USING HYPAACK/HYPERNAVIGATION DATA LOGGING SOFTWARE.
- SOUND VELOCITY THROUGH THE WATER COLUMN WAS MEASURED USING AN ODOM DIGIBAR PRO VELOCIMETER.
- SOUNDINGS ARE IN METRES. ALL SOUNDINGS WERE REDUCED TO LOWER LOW WATER, LARGE TIDE (OR CHART DATUM) WHICH IS 7.25 METRES BELOW CANADIAN HYDROGRAPHIC SERVICE CHS BENCHMARK 7130 LOCATED AT THE FOOT OF BRIDGTON STREET. ALL BATHYMETRIC DATA WERE REDUCED TO CHART DATUM. USING PROCESSED GPS DATA.
- REFERENCE DRAWINGS:

CHS CHART 3412	VICTORIA HARBOUR
CHS CHART 3411	JUAN DE FUCA STRAIT, EASTERN PORTION
TRSI 000-1115	OGDEN POINT PIERS A & B SURVEY (2006-07)
TRSI 000-1246	BREAKWATER SURVEY (2007)
STATTEC 51	PIERS B BERTHING IMPROVEMENTS (2010)

GENERAL NOTES

Equipment:
Survey vessel: Digger
Surface Positioning: POS MV, DGPS
Navigation/Acquisition Software: Hypack 2016
Bathymetry: Reson 7125 Multibeam
Morphology and Stratigraphy: AAE Uniboom
Drawing Parameters:
Projection: UTM
Datum: NAD83
Zone: 10N
Central Meridian (CM): 123°W
Scale Factor at CM: 0.9998
False Easting: 500000
False Northing: 0
Vertical Datum: LVLMT (Chart Datum)



CLIENT: GREATER VICTORIA HARBOUR AUTHORITY
CORPORATE OFFICE
185 DALLAS ROAD
VICTORIA, BC CANADA V8V 1A1
Tel: 250-580-6500 FAX: 250-580-6502
E-mail: info@victoriaharbour.org
www.victoriaharbour.org
Terra Remote Sensing Inc.
185 West Street, Suite 200, Victoria, BC, Canada V8V 1A1
Tel: 250-580-6500 Fax: 250-580-6502
www.terrasensing.com
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PROJECT		Ogden Point Pier B Mooring Dolphin Project	
TITLE		PIERS A/B CONTOURED BATHYMETRY - with spot soundings -	
m	DWG NO.	0	SHEET NO. 1 of 1

4 SHEETS		trsi2073 Pier B Extension Survey.dwg
3 SHEETS		trsi2741 Ogden Pt.dwg (SURVEY 1 APRIL 2016)
REF#	DRAWING NUMBER	TITLE
7		
6		
5		
4		
3		
2		
1		

REFERENCE DRAWINGS

ISSUED IN FINAL (UPDATE TO TRSI PROJECT 2741)		23 JAN 2018	EXISTING CONDITIONS	trsi	BM	KK	client	rev	client	JB
NO	REMARKS	DATE	TRACE	NO	CHD	CHD	CHD	REV	REV	ACPI
REVISIONS										