

Title: Baynes Sound Intertidal Eelgrass

Filename: bs_eg95

ABSTRACT

Intertidal eelgrass beds in the Baynes Sound area were identified from airphotos taken during summer 1995 low tides. A field survey was not done until the following summer, when only selected sites in Baynes Sound were visited. The spatial and attribute data was revised and redigitized based on the field survey.

HISTORY

Data Origins:

- airphoto collection funded by DFO, arranged by the B.C. Airborne Remote Sensing Unit; photos meet provincial standards, and are filed with Maps BC
- Operation # C-073-GC-95
- 1:6000 scale
- July 15, 1995
- 30BCC95032 #15-266
- 30BCC95049 #1-68
- from Cape Lazo to Mapleguard Point (Deep Bay) on Vancouver Island, and entire shoreline of Denman Island; includes Comox Harbour (note: eelgrass not identified for entire Denman Isl.)
- eelgrass beds and related information identified from photos by Cynthia Durance, Precision Identification Biological Consultants, under contract to DFO (Durance, C. 1996. 'Baynes Sound Air Photo Interpretation: Eelgrass habitat assessment.' Prepared for Water Quality Branch, B.C. Ministry of Environment, Lands and Parks and Marine Environment and Habitat Science Division, Department of Fisheries and Oceans. 20p + diskettes. Contract report. Available from DFO.)
- field survey by DFO & C.Durance, 29,30/06/96, 01-03/07/96, and 29/09/96

Processing:

- spatial & attribute data first digitized prior to field survey; data revised and redigitized following field survey (11/96)
- information digitized from airphotos by Mike Koslovski, Integrated Mapping Technologies (IMT), subcontract to C.Durance
- ArcInfo / ArcView GIS format of data (spatial & attribute) created by S.North, DFO (02/12/96)
- conversion from UTM Zone10 NAD83 to Albers NAD83 by S.North (02/12/96)
- attribute information from C.Durance edited before combining with spatial data in GIS

Revisions:

-revised to include field survey results, 11/96

RELATED DATA

- baynes.dxf -- spatial data from IMT, with several layers, including poly id's INSIDE polys in one layer
- baynes.2d -- different format of spatial data
- baynes.mdb, .ldb -- spatial data (Access database) from C.Durance, includes one table of original data with deleted polys removed & altered/new polys added, one table of altered/new polys
- summar.doc -- tables listing delted polys and altered/new polys
- baynes.xls -- Excel version of Access database (complete table)
- baynes2.xls -- Excel table, edited (some columns deleted, added)
- baynes2.dbf -- Dbase IV version of the Excel sheet
- bs_ap95 (AV shapefile) -- centre points of airphotos used in identification of eelgrass beds
- bs_tid95 (AV shapefile) -- water line delineated from airphotos

NOTES

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MSN, 03Dec96

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