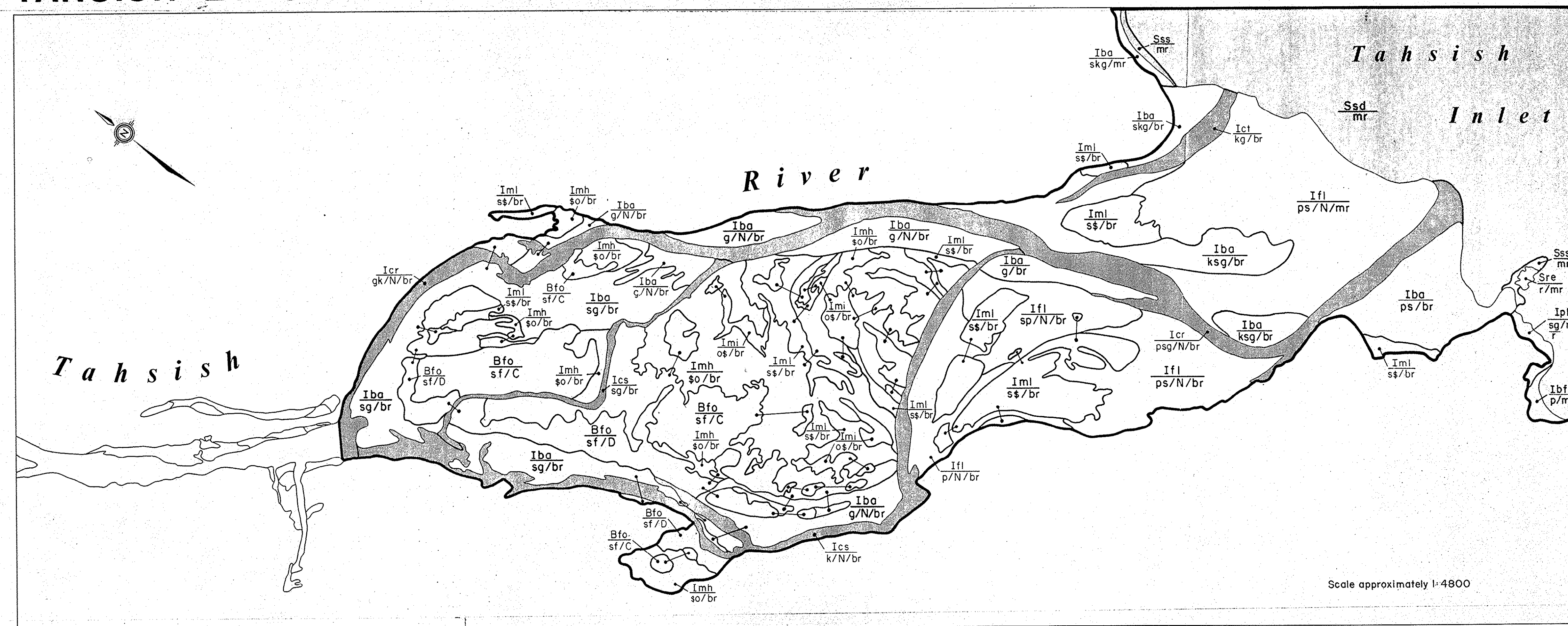


TAHSISH ESTUARINE HABITAT INVENTORY



LEGEND

1. Explanatory Notes

The estuarine habitat mapping and classification system is designed to describe habitat types and describe the function of substrates, vegetation, salinity and intertidal zone. Information is derived from interpretation of aerial photographs, field observations, and ground truthing, and is supplemented by information derived from historical records and other available data. Habitat types are described in the Tahsish Estuarine Habitat Inventory Report and are represented by letters and numbers. The letters represent the habitat type, and the numbers represent the intertidal zone. The letters and numbers are arranged in a grid, with the letter representing the habitat type and the number representing the intertidal zone. The letters and numbers are arranged in a grid, with the letter representing the habitat type and the number representing the intertidal zone.

2. Example of Map Unit

COMPONENT (See Box 3)

ZONE (See Box 2)

VEGETATION (See Box 4)

SALINITY (See Box 5)

ANTHROPOGENIC (See Box 6)

3. Habitat Type

ZONE	SYMBOL	COMPONENT	SYMBOL
SUBTIDAL	S	Deep subtidal	SD
		Shallow subtidal	SS
		Bar	SB
		Rock channel	SR
		Flats	SF
INTERSTITIAL	I	Bar	IB
		Rock channel	IR
		Flats	IF
		Shallow intertidal	IS
		Deep intertidal	ID
BACKGROUND	B	Bar	BB
		Rock channel	BR
		Flats	BF
		Shallow background	BS
		Deep background	BD

4. Habitat Modifier

TYPE	SYMBOL	TYPE	SYMBOL
Substrate	S	Salinity	SA
Clay	1	Freshwater	FR
Silt	2	Marine	MR
Sand	3	Brackish	BR
Gravel	4	Saline	SL
Shell	5	Very saline	VS
Very pebbly	6	Very saline	VS
Very pebbly	7	Very saline	VS
Very pebbly	8	Very saline	VS
Very pebbly	9	Very saline	VS
Very pebbly	10	Very saline	VS
Very pebbly	11	Very saline	VS
Very pebbly	12	Very saline	VS
Very pebbly	13	Very saline	VS
Very pebbly	14	Very saline	VS
Very pebbly	15	Very saline	VS
Very pebbly	16	Very saline	VS
Very pebbly	17	Very saline	VS
Very pebbly	18	Very saline	VS
Very pebbly	19	Very saline	VS
Very pebbly	20	Very saline	VS

5. Descriptions of Habitat Types

SYMBOL	DESCRIPTION	AREA (ha)	TOTAL
504	Subtidal zone	35.3	24.8
504	Subtidal zone with bottom depths greater than 10 meters. This habitat type is found in the surface water channels. These areas support a variety of organisms as well as providing habitat for salmonids, steelhead, and other species. This habitat type is also used for boating and fishing.	29.7	20.5
504	Subtidal zone with bottom depths less than 10 meters. This habitat type is found in the surface water channels. These areas support a variety of organisms as well as providing habitat for salmonids, steelhead, and other species. This habitat type is also used for boating and fishing.	0.4	0.3
504	Intertidal zone	92.4	64.4
504	Intertidal zone with bottom depths greater than 10 meters. This habitat type is found in the surface water channels. These areas support a variety of organisms as well as providing habitat for salmonids, steelhead, and other species. This habitat type is also used for boating and fishing.	28.8	20.5
504	Intertidal zone with bottom depths less than 10 meters. This habitat type is found in the surface water channels. These areas support a variety of organisms as well as providing habitat for salmonids, steelhead, and other species. This habitat type is also used for boating and fishing.	0.3	0.2
504	Intertidal zone with bottom depths greater than 10 meters. This habitat type is found in the surface water channels. These areas support a variety of organisms as well as providing habitat for salmonids, steelhead, and other species. This habitat type is also used for boating and fishing.	6.8	6.1
504	Intertidal zone with bottom depths less than 10 meters. This habitat type is found in the surface water channels. These areas support a variety of organisms as well as providing habitat for salmonids, steelhead, and other species. This habitat type is also used for boating and fishing.	5.1	5.5
504	Intertidal zone with bottom depths greater than 10 meters. This habitat type is found in the surface water channels. These areas support a variety of organisms as well as providing habitat for salmonids, steelhead, and other species. This habitat type is also used for boating and fishing.	1.0	0.7
504	Intertidal zone with bottom depths less than 10 meters. This habitat type is found in the surface water channels. These areas support a variety of organisms as well as providing habitat for salmonids, steelhead, and other species. This habitat type is also used for boating and fishing.	18.1	13.6
504	Intertidal zone with bottom depths greater than 10 meters. This habitat type is found in the surface water channels. These areas support a variety of organisms as well as providing habitat for salmonids, steelhead, and other species. This habitat type is also used for boating and fishing.	15.0	10.6
Total area of entire study area.		343.0	200

6. Anthropogenic On Site Symbols

SYMBOL	DESCRIPTION
Line	Line
Point	Point
Area	Area
Structure	Structure
Water	Water
Vegetation	Vegetation
Other	Other

7. Sources of Further Information

Alaska Department of Fish and Game, Wildlife Division, Wildlife Management Section, Anchorage, Alaska.

Alaska Department of Fish and Game, Wildlife Division, Wildlife Management Section, Anchorage, Alaska.

Alaska Department of Fish and Game, Wildlife Division, Wildlife Management Section, Anchorage, Alaska.

8. Credits

Supported by R.A. Hester.

Field work by A. Campbell, L.E. Jones.

Photography and GIS by J. Jones.

Map prepared by Cartography, Terracarta Studios, March 1982.