

**PWS Places of Refuge
Site Selection Matrix**

Location	Lat.	Lon.	Zone	Identified by	Size of vessels	Anchoring/Mooring/ Docking/Repair Facilities	Exposure To	Conflicting Uses	GRS
Low River mud flats	60° 05.98'	146° 15.65'	NE	MFFP		Grounding	W	R,SF	NE18
Knowles Head Anchorage	60° 38.85'	146° 36.75'	NE	SWAPA/MFFP	Tanker/Cruiseship	Anchor	S,W,E	C/I	
Sheep Bay	60° 39.65'	146° 00.16'	NE	MFFP	Tanker/Cruiseship	Anchor	SW	R,S	NE11
Red Head	60° 40.92'	146° 27.48'	NE	MFFP		Grounding	W,E		
Two Moon Bay	60° 45.57'	146° 34.11'	NE	SWAPA	Ferry/Tramper	Anchor	N		
South Bligh Island	60° 48.39'	146° 42.19'	NE	MFFP	<300	Anchor	S,SW,SE	CF	NE06
Sac Bay/Boulder Bay	60° 50.44'	146° 40.13'	NE	MFFP	Ferry/Tramper	Anchor/Grounding	N,W	CF,SF,S	NE05
Tatitlik Narrows	60° 53.94'	146° 44.03'	NE	MFFP	Ferry/Tramper	Anchor	NW	CF,S	NE01/NE03/NE04
Heather Bay	60° 57.36'	147° 02.67'	NE	MFFP	Ferry/Tramper	Anchor	SE	R	
Jack Bay	61° 02.33'	146° 38.81'	NE	SWAPA/MFFP	Tanker/Cruiseship	Anchor/Grounding	E	S,CF,A,SF	NE08
Anderson Bay	61° 04.85'	146° 33.42'	NE	MFFP	Tanker/Cruiseship	Anchor	N,E,W	R	NE22
West Sawmill Spit	61° 05.15'	146° 26.63'	NE	MFFP	Ferry/Tramper	Anchor/Grounding	N,E,W	R	NE20
Valdez Marine Terminal	61° 05.40'	146° 24.21'	NE	MFFP	Tanker/Cruiseship	Dock/Repair	N,W	C/I	
SERVS Buoys #2	61° 06.41'	146° 16.42'	NE	MFFP	Ferry/Tramper	Moor	W	C/I	
SERVS Buoys #1	61° 06.52'	146° 17.32'	NE	MFFP	Ferry/Tramper	Moor	W	C/I	
Weaver Dock	61° 06.77'	146° 16.31' ??	NE	MFFP		Grounding	W		
Valdez Container Terminal	61° 07.28'	146° 18.48'	NE	SWAPA/MFFP	Tanker/Cruiseship	Dock/Repair	S,W	C/I	
SERVS Dock	61° 07.39'	146° 21.45'	NE	MFFP	Ferry/Tramper	Dock/Repair	S,W	C/I	
Valdez City Dock	61° 07.39'	146° 21.69'	NE	SWAPA	Ferry/Tramper	Dock/Repair	S,W	C/I	
Mineral Creek	61° 07.60'	146° 26.04'	NE	MFFP	Ferry/Tramper	Anchor	S,W,E	R,SF,S	NE16
Gold Creek	61° 07.60'	146° 29.11'	NE	MFFP	Tanker/Cruiseship	Anchor/Grounding	S,W,E	R,SF	NE15
Tatitlik Ferry/Tramper Dock	61° 51.83'	146° 41.02'	NE	MFFP	Ferry/Tramper	Dock	NW,SE	C/I,S	NE01
Growler Island Dock			NE	MFFP	Ferry/Tramper	Dock		C/I,R	
Unocal Dock			NE	SWAPA	Ferry/Tramper	Dock/Repair		C/I	
Outside Bay	60° 38.30'	147° 28.30'	NW	SWAPA/MFFP	Tanker/Cruiseship	Moor/Grounding	E	CF	NW05
McPherson Harbor	60° 40.21'	147° 21.01'	NW	MFFP	Tanker/Cruiseship	Moor	NE	CF	
Port of Whittier	60° 46.76'	148° 41.34'	NW	SWAPA	Tanker/Cruiseship	Dock/Repair	NE	C/I,R	
Bush Banks	60° 47.83'	148° 36.24'	NW	SWAPA	Ferry/Tramper	Anchor	N,W	R,A	
Shotgun Cove	60° 47.89'	148° 32.76'	NW	MFFP	<300	Anchor	N	R	
Pigot Bay	60° 50.10'	148° 20.98'	NW	SWAPA	Tanker/Cruiseship	Moor	E	CF	
Unakwik Inlet	60° 53.44'	147° 34.21'	NW	SWAPA	Ferry/Tramper	Anchor	N,S	CF	
North of Coghill Point in College Fiord	61° 04.80'	147° 56.98'	NW	SWAPA	Tanker/Cruiseship	Anchor	N,S	A,SF,CF	
Zaikof Bay	60° 18.80'	146° 59.57'	SE	MFFP	Tanker/Cruiseship	Anchor	NE	A,CF	SE03
Port Etches	60° 20.65'	146° 33.95'	SE	MFFP	Tanker/Cruiseship	Anchor,Grounding	E,W	S,CF	SE01/SE02
Constantine Harbor	60° 21.16'	146° 38.20'	SE	MFFP		Grounding		S,CF,A,O	SE01
Cordova City Dock	60° 32.88'	145° 46.11'	SE	MFFP	Ferry/Tramper	Dock/Repair	NE	C/I, R	
Macleod Harbor	59° 52.86'	147° 48.27'	SW	MFFP	Tanker/Cruiseship	Anchor	W	S,A,CF	SW13
Chenga Ferry/Tramper Dock	60° 03.73'	148° 00.80'	SW	MFFP	Ferry/Tramper	Dock	E	C/I, R, CF	
Snug Harbor	60° 15.09'	147° 42.78'	SW	MFFP	Ferry/Tramper	Anchor	E		
North Smith Island	60° 30.64'	147° 24.70'	SW	MFFP	Tanker/Cruiseship	Anchor	N,E,W		

Reference- Southwest Alaska Pilots Association, teleconference and corespondence, June, 2004

Reference-USCG, Prince William Sound Marine Firefighting and Prevention Plan, Revision 2, March 2004

Reference-Alaska Department of Environmental Conservation, Prince William Sound Geographoc Response Strategies Site Selection Matrix, February 20, 2004

Key for Prince William Sound Places Of Refuge Site Selection Matrix

Size of vessels	Identified by	Exposure	Conflicting Uses
Tanker/Cruiseship= 450 ft.- 1100 ft. LOA, 30-65 ft. Draft, 20k-110k Gross Tons	SWAPA= Southwest Alaska Pilots Association	Exposed to winds/seas from	CF=Commercial Fishing
			SF=Sport fishing
Ferry/Tramper= Under 450 ft. LOA, 20-25 ft. Draft, 300-19.9 Gross Tons	MFFP= PWS Marine Fire Fighting Plan		AQ= Aquaculture
			R=Recreational
			C/I=Commercial/Industrial
			A= Anchorage
			S=Subsistence Activities