

Unit 54. Storm, Pine, Buckle [click here for a detailed map](#)

Marine Area	9237 ha	Shoreline	23.2 km
Substrate	hard	Slope	flat (0-5% slope)
Exposure	high	Depth	mid-depth (50-200m)
Current	low (<3 Kn)	Benthic Summer Temp	cool (<9C)
Roughness	moderate		

Management Emphasis - Conservation

Description

This unit surrounds the Duke of Edinburgh Ecological Reserve covering several island groups and adjacent marine area. The unit area supports key seabird populations on the Central Coast and is the second most important seabird area in BC.

Unit Attributes

CWS area of interest: unit contains important habitat for waterfowl and shorebirds (Black Oystercatcher and Glaucous-winged Gull breeding colonies, herring Gulls, cormorants, phalaropes)

Red/Blue listed species: Bright Island, Herbert Island, Storm Island, Reid Islets and Tree Islets and adjacent marine waters are habitat for Cassins Auklet (blue listed S2S3)

Kelp beds (18 identified – 193 ha)

High rockfish values

Moderate invertebrate values

Moderate to High importance for Orcas: Resident and West Coast transient populations are listed as threatened nationally (T), and imperiled provincially (S2). They are provincially red-listed

Important area for Dall’s porpoises & Pacific White-sided Dolphins

Sea lion haulout/ rafting site at East Tree Island: The Northern Sea lion is a red listed species

The unit was proposed as Duke of Edinburgh Extension Goal 2 protection area by CCGAT in CCLRMP process; only upland now in CCLRMP terms of reference

Historic/Cultural site - Pine Island Lighthouse

Gwa’sala’Nakwaxda’xw traditional territory

Current Uses & Activities

First Nations: No information provided

Important marine transportation route

Science measurement/research site

Sport ground fishery

Commercial salmon troll, gillnet, seine fisheries; hook & line, longline ground fisheries

Acceptable Uses & Activities

Tenured Uses

- | | |
|---|--|
| <input checked="" type="checkbox"/> Community & Public Institutional | <input checked="" type="checkbox"/> Conservation |
| <input checked="" type="checkbox"/> Light Industrial | <input checked="" type="checkbox"/> Log Handling, Storage & Infrastructure |
| <input checked="" type="checkbox"/> Marine Telecommunications & Utilities | <input checked="" type="checkbox"/> Private Moorage |
| <input checked="" type="checkbox"/> Rural Development | <input checked="" type="checkbox"/> General Commercial |

Aquaculture:

- Finfish
- Marine Plant
- Shellfish Beach
- Shellfish Deep Water Aquaculture

Commercial Recreation:

- Lodges and Base Camps
- Guiding Operations

Ongoing Non Tenured Activities

- | | |
|---|---|
| <input checked="" type="checkbox"/> Commercial Fisheries | First Nations |
| <input checked="" type="checkbox"/> Marine Transportation | <input checked="" type="checkbox"/> Public Recreation |

Code	
<input checked="" type="checkbox"/>	The use or activity is considered acceptable and appropriate. Applications for tenure of this use should be accepted for processing and evaluation.
<input type="checkbox"/>	The use is considered conditionally acceptable. Applications for tenure for use require more specific information on capability and potential to accompany a tenure application before it is accepted for processing.
<input type="checkbox"/>	The use is acceptable at existing levels of tenure, subject to limited modifications as required by government. Applications for new tenures should not be accepted. Abandoned or unutilized sites should not subsequently be made available for the same use.
<input checked="" type="checkbox"/>	The use is considered inappropriate. Applications for tenure of this use should not be accepted for processing and evaluation.

Management Provisions

This unit should be managed to maintain important conservation values. The entire unit should be further assessed as a marine protection candidate.

Place entire unit under *Land Act* reserve in favour of CWS and WLAP for marine conservation and recreation purposes.

Activities should be managed to prevent damage or disturbance of bird colonies.

Licences or permits for commercial recreation guiding use of this unit are conditional on operating practices that follow established guidelines and / or performance based standards for minimizing impacts on bird colonies and migratory bird habitat.

Tenures must be compatible with protection regime if confirmed on adjacent upland.

Encourage involvement of Gwa'sala'Nakwaxda'xw in wildlife management activity.