



Province of
British Columbia

Ministry of
Forests

Vancouver Forest Region
2100 Labieux F
Nanaimo, British Columbia
V9T 6E9
Tel: 751-7001 Fax: 751-7190



*To MILLER
G. VEITCH
D. DAVIS*

File: 16350-02/TFLs
19700-20/TFL 47

July 4, 1995

F.T. Leslie, R.P.F.
Administrative Forester
TimberWest Forest Limited
Suite 2300, 1055 West Georgia Street
P.O. Box 11101
Vancouver, British Columbia
V6E 3P3

Dear F. Leslie:

The following information for Tree Farm Licence (TFL) 47 has been reviewed and is acceptable for the purpose of the TFL timber supply analysis:

- | | |
|---|-------------------------------------|
| Johnstone Straits, Blocks 4 to and including 12 | - Recreation inventory and analysis |
| | - Landscape inventory and analysis |
| Courtenay Blocks | - Recreation inventory and analysis |
| | - Landscape inventory and analysis |

Yours truly,

Ken Collingwood
Ken Collingwood
Regional Manager
Vancouver Forest Region

Fletcher Challenge Canada Limited
P.O. Box 220
Campbell River, British Columbia
Canada V9W 5B1

Coast Wood Products
Middlepoint
(604) 287-9181
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FLETCHER CHALLENGE CANADA

June 25, 1990

District Manager,
Ministry of Forests,
370 South Dogwood Street,
Campbell River, B.C.
V9W 6Y7

Dear Sir:

Re: T.F.L. 47 Blocks 1-12
Johnstone Strait Division
Landscape Inventory and Analysis

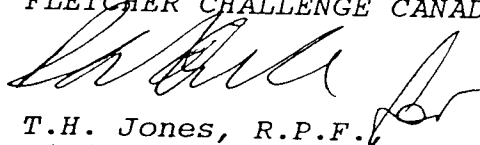
Find enclosed the Landscape Inventory and Analysis for blocks 1-12 of T.F.L. 47. As a guide, we utilized for reference the Forest Landscape Handbook (1981), the March 13, 1990 Draft for FLM, and consultation with John Tisdale (District R.O. Recreation) and Ken Fairhurst (Region Landscape Forester).

Only those areas visible by the public from the ocean, residences, and public access roads on Quadra Island were assessed. The remaining non visible areas are assumed to have a very low visual sensitivity and their development will be subject to the constraints inherent in the development plan referral and public viewing processes.

The resultant map has been colour coded for easy reference and we have included a brief description of the dominant features which helped determine each unit's VQO. A summary of the anchorages and travel corridors and their current usage is also enclosed.

Yours truly,

FLETCHER CHALLENGE CANADA LTD.



T.H. Jones, R.P.F.
Divisional Forester

THJ/hr

encl.

LANDSCAPE INVENTORY AND ANALYSIS

- Jack Turley, Engineer
- Tom Jones, Divisional Forester

Process Summary and Determination of Unit Components

The landscape inventory utilized the following processes and reference material:

Maps -Topography, species types, site index, logging and silviculture history.

Other Photos-Vegetation diversity and green up.

Visual observation - as the majority of access is water, we mapped the units from fixed wing and helicopter simulating a viewing deck of 30-50 ft. above water from middle to 1/3 channel out. Travel corridors and visual units were mapped in both directions of travel.

Landscape Units

The upper boundaries were sketched utilizing the topog. maps. These boundaries were checked and amended through the visual observation stage. All visual unit boundaries were sketched in the field during the visual observation phase.

Landscape Sensitivity Rating (LSR)

The sensitivity ratings were determined through a combination of the anchorage/corridor usage information (attached), cruise ship route, visibility from residences, and the visual prominence or uniqueness of the unit.

Visual Absorption Capability (VAC)

Slope and vegetation diversity were the major factors considered. (High 0-30% slope, Moderate 30-60%, Low 60%). The VAC was determined through Ortho Photos and in-flight observations.

Existing Visual Condition (EVC)

Green up was determined from harvesting and silvicultural records and confirmed during the flights. As a rule of thumb regeneration had to be 3 meters tall for green up to have occurred.

Visual Quality Objectives (VQO)

VQO's were determined on the interaction of the sensitivity and the VAC for each visual unit. In the odd instance we overrode the predicted VQO and increased the constraints when the localized situation warranted it.

The LSR, VAC, EVC, and VQO for each landscape unit is identified and displayed on 50:000 scale maps.

JOHNSTONE STRAITS LANDSCAPE INVENTORY

Mapsheet	GIS Polygon	LSR	VAC	EVG	VQO	Description
E14N25	001	H	M	M	R	GENTLE, SIDE VIEW FROM BOTH BARONET PASSAGE AND JOHNSTONE STRAITS
E14N25	002	H	M	M	PR	GENTLE, SIDE VIEW FROM BOTH BARONET PASSAGE AND JOHNSTONE STRAITS
E14N25	003	H	M	M	R	GENTLE, DIRECT VIEWSCAPE FROM GROWLER COVE
E14N25	004	H	M	R	R	GENTLE, WITHIN THE VIEWSCAPE OF ROBSON BIGHT.
E14N25	005	H	M	R	PR	GENTLE, IN DIRECT VIEWSCAPE OF SEVERAL SMALL ANCHORAGE'S AS WELL AS SIDE VIEW FROM BLACKFISH SOUND.
E14N25	006	H	H	R	PR	GENTLE, LONG VIEW FROM JOHNSTONE STRAITS.
E14N25	007	H	H	R	R	GENTLE, LONG VIEW FROM JOHNSTONE STRAITS.
E14N26	001	H	H	R	R	GENTLE, LONG VIEW FROM JOHNSTONE STRAITS.
E14N26	002	H	H	R	R	GENTLE, LONG VIEW FROM JOHNSTONE STRAITS.
E14N26	003	H	H	R	R	GENTLE, LONG VIEW FROM JOHNSTONE STRAITS.
E14N26	004	H	H	R	R	GENTLE, LONG VIEW FROM JOHNSTONE STRAITS.
E14N26	005	H	H	R	R	GENTLE, IN DIRECT VIEWSCAPE OF SEVERAL SMALL ANCHORAGE'S AS WELL AS SIDE
E14N26	005	H	M	R	PR	GENTLE, LONG VIEW FROM JOHNSTONE STRAITS.
E14N26	006	H	H	R	R	GENTLE, LONG VIEW FROM JOHNSTONE STRAITS.
E15N25	001	H	H	PR	PR	GENTLE, SIDE VIEW FROM JOHNSTONE STRAITS.
E15N25	002	M	M	PR	PR	MODERATE, SIDE VIEW FROM JOHNSTONE STRAITS.
E15N25	003	H	M	R	R	GENTLE, WITHIN THE VIEWSCAPE OF ROBSON BIGHT.
E15N25	004	M	M	R	PR	GENTLE, SIDE VIEW FROM JOHNSTONE STRAITS AND BACKGROUND VIEW FROM ROBSON BIGHT.
E15N25	005	M	M	R	PR	MODERATE, BACKGROUND VIEW FROM BOTH BARONET PASSAGE AND POTTS LAGOON.
E15N25	007	H	H	PR	R	H R GENTLE, DIRECT VIEWSCAPE FROM POTTS LAGOON.
E15N25	008	H	H	PR	R	H R GENTLE, DIRECT VIEWSCAPE FROM POTTS LAGOON.
E15N25	009	H	M	R	PR	GENTLE, SIDE VIEW FROM BARONET PASSAGE.
E15N25	010	M	M	R	PR	GENTLE, SIDE VIEW FROM BARONET PASSAGE.
E15N25	011	H	M	R	PR	GENTLE, BACKGROUND VIEW FROM BARONET PASSAGE.
E15N25	012	H	M	M	PR	GENTLE, HEADLAND WITH LONG VIEW FROM BARONET PASSAGE.
E15N25	013	H	M	M	R	GENTLE, DIRECT VIEWSCAPE FROM GROWLER COVE
E16N24	001	M	M	PR	PR	STEEP, SIDE VIEW FROM JOHNSTONE STRAITS.
E16N24	002	M	M	PR	PR	STEEP, SIDE VIEW FROM JOHNSTONE STRAITS.
E16N24	003	M	M	PR	PR	STEEP, SIDE VIEW FROM JOHNSTONE STRAITS.
E16N25	001	M	M	PR	PR	STEEP, SIDE VIEW FROM JOHNSTONE STRAITS.
E16N25	002	H	H	R	PR	MODERATE, WITHIN VIEWSCAPE OF SODERMAN COVE, ANCHORAGE AND RESIDENCES.
E16N25	003	H	H	PR	PR	GENTLE, SIDE VIEW FROM PORT HARVEY.
E16N25	004	M	H	PR	M	GENTLE, SIDE VIEW FROM HAVANNAH CHANNEL.
E16N25	005	H	H	PR	PR	GENTLE, WITHIN VIEWSCAPE OF PORT HARVEY ANCHORAGE AND RESIDENCES.
E16N25	007	M	H	R	PR	MODERATE, BACKGROUND VIEW FROM CHATHAM CHANNEL.
E16N25	009	M	M	PR	PR	STEEP, WITHIN VIEWSCAPE OF CRACROFT INLET ANCHORAGE AREA.
E16N25	010	M	M	R	PR	GENTLE, LONG VIEW FROM HAVANNAH CHANNEL.
E16N25	011	H	M	R	PR	GENTLE, SIDE VIEW FROM CHATHAM CHANNEL.

JOHNSTONE STRAITS LANDSCAPE INVENTORY

Mapsheet	GIS Polygon	LSR	VAC	EVC	QVO	Description
E16N26	001	H	L	M	PR	STEEP, SIDE VIEW FROM CHATHAM CHANNEL.
E16N26	002	H	L	M	R	STEEP, DIRECT VIEWSCAPE OF MINISTREL ISLAND RESORT
E16N26	008	H	L	M	PR	STEEP, SIDE VIEW FROM CHATHAM CHANNEL.
E17N23	001	H	M	R	PR	MODERATE, SIDE VIEW FROM JOHNSTONE STRAITS
E17N24	001	M	M	PR	PR	STEEP, BACKGROUND VIEW FROM PORT NEVILLE.
E17N24	002	H	M	R	PR	MODERATE, DIRECT VIEWSCAPE OF PORT NEVILLE GOVERNMENT DOCK.
E17N24	003	M	M	PR	PR	STEEP, SIDE VIEW FROM JOHNSTONE STRAITS.
E17N24	004	H	M	R	PR	GENTLE, SIDE VIEW FROM JOHNSTONE STRAITS.
E17N24	005	H	M	R	PR	MODERATE, SIDE VIEW FROM PORT NEVILLE.
E17N24	006	H	M	R	PR	MODERATE, SIDE VIEW FROM PORT NEVILLE.
E17N24	007	H	M	PR	PR	STEEP, LONG VIEW FROM JOHNSTONE STRAITS.
E17N24	008	H	M	M	PR	GENTLE, SIDE VIEW FROM JOHNSTONE STRAITS.
E17N24	009	H	M	M	PR	GENTLE, SIDE VIEW FROM JOHNSTONE STRAITS.
E17N24	010	H	H	PR	PR	MODERATE, SIDE VIEW FROM SUNDERLAND CHANNEL.
E17N24	012	L	M	R	PR	STEEP, BACKGROUND VIEW FROM SUNDERLAND CHANNEL.
E17N24	013	H	M	R	PR	GENTLE-MODERATE, SIDE VIEWS FROM SUNDERLAND CHANNEL.
E17N24	014	H	M	R	PR	GENTLE-MODERATE, SIDE VIEWS FROM SUNDERLAND CHANNEL.
E17N25	002	H	M	R	PR	MODERATE, DIRECT VIEWSCAPE OF PORT NEVILLE GOVERNMENT DOCK.
E17N25	003	H	M	R	PR	MODERATE, SIDE VIEW FROM PORT NEVILLE.
E17N25	004	H	M	R	PR	MODERATE, SIDE VIEW FROM PORT NEVILLE.
E17N25	005	H	M	M	PR	STEEP, SIDE VIEW FROM BACK OF PORT NEVILLE.
E17N25	006	M	M	M	PR	STEEP, SIDE VIEW FROM BACK OF PORT NEVILLE.
E17N25	008	H	L	M	PR	STEEP, BACKGROUND VIEW FROM PORT NEVILLE.
E17N25	011	H	M	R	PR	MODERATE, SIDE VIEW FROM PORT NEVILLE.
E18N23	001	M	M	R	PR	GENTLE-MODERATE, SIDE VIEWS FROM JOHNSTONE STRAITS.
E18N23	002	H	M	R	PR	MODERATE, DIRECT VIEWSCAPE FROM VERE COVE, LONG VIEWS FROM JOHNSTONE STRAITS.
E18N23	003	H	H	R	PR	MODERATE, BACKGROUND VIEW FROM CHANCELLOR CHANNEL.
E18N23	004	M	M	R	PR	MODERATE, SIDE VIEW FROM CHANCELLOR CHANNEL.
E18N23	005	H	H	R	PR	MODERATE, HEADLAND WITH LONG VIEWS FROM CHANCELLOR CHANNEL.
E18N23	006	M	H	R	PR	MODERATE, SIDE VIEW FROM CHANCELLOR CHANNEL.
E18N23	007	M	H	R	PR	MODERATE-STEEP, SIDE VIEW FROM CHANCELLOR CHANNEL.
E18N23	008	H	M	P	R	STEEP, HEADLAND WITH LONG VIEWS FROM CHANCELLOR CHANNEL.
E18N23	009	H	M	R	PR	STEEP, SIDE VIEW FROM WELLBORE CHANNEL.
E18N23	010	M	M	R	PR	MODERATE-STEEP, HEADLAND WITH LONG VIEWS FROM CHANCELLOR CHANNEL.
E18N23	011	M	M	R	PR	MODERATE-STEEP, SIDE VIEW FROM CHANCELLOR CHANNEL.
E18N23	012	M	M	R	PR	STEEP, HEADLAND WITH LONG VIEWS FROM CHANCELLOR CHANNEL.
E18N23	013	M	H	PR	PR	MODERATE, SIDE VIEWS FROM JOHNSTONE STRAITS.
E18N23	014	H	M	R	PR	GENTLE-MODERATE, SIDE VIEWS FROM JOHNSTONE STRAITS.
E18N23	014	L	H	PR	M	MODERATE, BACKGROUND VIEW FROM JOHNSTONE STRAITS.
E18N23	015	L	H	PR	M	MODERATE, BACKGROUND VIEW FROM JOHNSTONE STRAITS.

JOHNSTONE STRAITS LANDSCAPE INVENTORY

Mapsheet	GIS Polygon	LSR	VAC	EVC	R	PR	Description
E18N23	016	H	M				GENTLE-MODERATE, SIDE VIEWS FROM JOHNSTONE STRAITS.
E18N24	001	L	H		PR	PR	MODERATE, SIDE VIEW FROM TOPAZE HARBOUR.
E18N24	003	M	H		R	PR	MODERATE, SIDE VIEW FROM SUNDERLAND CHANNEL.
E18N24	004	H	M		R	R	MODERATE, HEADLAND WITH LONG VIEWS FROM SUNDERLAND CHANNEL.
E18N24	005	L	H		PR	PR	MODERATE, SIDE VIEW FROM FORWARD HARBOUR.
E18N24	006	L	H		PR	M	VERY STEEP, SIDE VIEW FROM FORWARD HARBOUR.
E18N24	007	L	H		PR	M	MODERATE-STEEP, SIDE VIEW FROM CHANCELLOR CHANNEL.
E18N24	008	L	M		PR	PR	VERY STEEP, DIRECT VIEW FROM FORWARD HARBOUR.
E18N24	009	H	L		R	R	VERY STEEP, DIRECT VIEWSCAPE FROM DOUGLAS BAY.
E18N24	010	H	M		PR	PR	VERY STEEP, SIDE VIEW FROM WELBORE CHANNEL.
E18N24	011	M	L		PR	PR	VERY STEEP, BACKGROUND VIEW FROM CHANCELLOR CHANNEL.
E18N24	013	H	M		P	R	STEEP, HEADLAND WITH LONG VIEWS FROM CHANCELLOR CHANNEL.
E18N24	014	M	M		R	PR	MODERATE-STEEP, HEADLAND WITH LONG VIEWS FROM CHANCELLOR CHANNEL.
E18N24	015	M	M		R	PR	MODERATE-STEEP, SIDE VIEW FROM CHANCELLOR CHANNEL.
E18N24	016	H	M		R	PR	STEEP, SIDE VIEW FROM WELBORE CHANNEL.
E18N24	017	H	M		R	PR	MODERATE, LONG VIEWS FROM FORWARD HARBOUR EXIT.
E18N24	018	H	M		R	PR	GENTLE-MODERATE, SIDE VIEWS FROM JOHNSTONE STRAITS.
E18N24	018	H	M		R	PR	STEEP, SIDE VIEW FROM SUNDERLAND CHANNEL.
E18N24	019	H	H		R	PR	STEEP, HEADLAND WITH LONG VIEWS FROM SUNDERLAND CHANNEL.
E18N24	020	L	H		PR	M	STEEP, BACKGROUND VIEW FROM JOHNSTONE STRAITS.
E18N24	021	H	M		R	PR	GENTLE-MODERATE, SIDE VIEWS FROM SUNDERLAND CHANNEL.
E18N24	022	M	H		PR	PR	MODERATE, SIDE VIEW FROM SUNDERLAND CHANNEL.
E18N24	023	H	L		R	PR	CENTRE OF HARDWICKE ISLAND.
E18N24	024	H	M		R	R	CENTRE OF HARDWICKE ISLAND.
E18N24	025	L	H		PR	M	MODERATE, BACKGROUND VIEW FROM JOHNSTONE STRAITS.
E18N24	027	L	M		R	M	STEEP, BACKGROUND VIEW FROM SUNDERLAND CHANNEL.
E18N25	001	L	H		R	PR	MODERATE, BACKGROUND VIEW FROM TOPAZE HARBOUR.
E18N25	002	L	H		PR	PR	MODERATE, SIDE VIEW FROM TOPAZE HARBOUR.
E18N25	003	L	H		PR	PR	MODERATE, SIDE VIEW FROM TOPAZE HARBOUR.
E18N25	004	L	H		PR	M	GENTLE, SIDE VIEWS FROM TOPAZE HARBOUR.
E18N25	005	H	M		M	PR	STEEP, SIDE VIEW FROM BACK OF PORT NEVILLE.
E19N23	001	H	M		R	PR	
E19N23	002	M	M		PR	PR	MODERATE, SIDE VIEW FROM MAYNE PASSAGE.
E19N23	003	M	H		M	PR	GENTLE, SIDE VIEW FROM JOHNSTONE STRAITS.
E19N23	004	M	H		R	PR	STEEP, BACKGROUND VIEW FROM MAYNE PASSAGE.
E19N23	005	M	M		R	PR	
E19N23	007	H	L		R	PR	MODERATE, DIRECT VIEWSCAPE FROM BLIND CHANNEL MARINA.
E19N23	008	M	H		PR	M	GENTLE, SIDE VIEW ALONG CORDERO CHANNEL.
E19N23	009	H	M		PR	PR	MODERATE, HEADLAND WITH LONG VIEWS FROM MAYNE PASSAGE.
E19N23	010	M	H		R	PR	MODERATE-STEEP, LONG VIEWS FROM JOHNSTONE STRAITS.
E19N23	011	M	M		R	PR	MODERATE, SIDE VIEW FROM JOHNSTONE STRAITS.

JOHNSTONE STRAITS LANDSCAPE INVENTORY

Mapsheet	GIS Polygon	LSR	VAC	EVC	VQO	Description
E19N23	012	H	H	R	PR	MODERATE, HEADLAND WITH LONG VIEWS FROM JOHNSTONE STRAITS.
E19N23	013	L	H	R	M	STEEP, BACKGROUND VIEW FROM JOHNSTONE STRAITS.
E19N23	014	M	M	R	PR	STEEP, SIDE VIEW FROM CHANCELLOR CHANNEL.
E19N23	015	H	M	R	PR	STEEP, HEADLAND WITH LONG VIEWS FROM CHANCELLOR CHANNEL.
E19N23	016	M	H	R	PR	MODERATE, SIDE VIEW FROM CHANCELLOR CHANNEL.
E19N23	017	M	H	R	PR	MODERATE-STEEP, SIDE VIEW FROM CHANCELLOR CHANNEL.
E19N23	018	H	M	R	PR	STEEP, SIDE VIEW FROM CHANCELLOR CHANNEL.
E19N23	019	H	M	R	PR	MODERATE, HEADLAND WITH LONG VIEWS FROM CORDERO CHANNEL.
E19N24	002	L	M	PR	PR	VERY STEEP, SIDE VIEW FROM FORWARD HARBOUR.
E19N24	003	M	M	PR	PR	STEEP, BACKGROUND VIEW FROM CHANCELLOR CHANNEL.
E19N24	004	M	L	PR	PR	VERY STEEP, BACKGROUND VIEW FROM CHANCELLOR CHANNEL.
E19N24	005	M	H	R	PR	MODERATE-STEEP, SIDE VIEW FROM CHANCELLOR CHANNEL.
E19N24	006	H	M	R	PR	STEEP, SIDE VIEW FROM CHANCELLOR CHANNEL.
E19N24	007	M	M	PR	PR	STEEP, LONG VIEW FROM CORDERO CHANNEL.
E19N24	008	M	M	R	PR	STEEP, SIDE VIEW FROM LOUGHBOROUGH INLET.
E19N24	009	M	M	R	PR	STEEP, SIDE VIEW FROM HEYDON BAY.
E19N24	010	M	H	R	PR	STEEP, LONG VIEWS FROM LOUGHBOROUGH INLET AND PRIVATE RESIDENTS.
E19N24	011	H	M	R	PR	MODERATE, DIRECT VIEWSCAPE FROM CORDERO LODGE.
E19N24	012	M	H	M	PR	MODERATE, SIDE VIEW FROM LOUGHBOROUGH INLET.
E19N24	013	M	M	PR	PR	MODERATE, SIDE VIEW FROM LOUGHBOROUGH INLET.
E19N24	014	M	M	PR	PR	MODERATE-STEEP, SIDE VIEW AND BACKGROUND VIEW FROM CORDERO CHANNEL.
E19N24	015	H	M	PR	R	MODERATE, HEADLAND WITH LONG VIEWS FROM CORDERO CHANNEL.
E19N24	016	H	M	R	PR	MODERATE, HEADLAND WITH LONG VIEWS FROM CORDERO CHANNEL.
E19N24	017	M	M	PR	PR	MODERATE, SIDE VIEW FROM CORDERO CHANNEL.
E19N24	018	H	M	R	PR	MODERATE, DIRECT VIEWSCAPE FROM CORDERO LODGE.
E19N24	019	M	M	R	PR	MODERATE-STEEP, SIDE VIEW FROM CORDERO CHANNEL.
E19N24	020	M	M	R	PR	STEEP, BACKGROUND VIEW FROM CORDERO CHANNEL.
E19N24	021	L	H	PR	M	GENTLE, SIDE VIEWS FROM TOPAZE HARBOUR.
E19N24	022	H	M	R	PR	MODERATE, DIRECT VIEWSCAPE FROM CORDERO LODGE.
E19N24	059	L	H	PR	PR	MODERATE, SIDE VIEW FROM FORWARD HARBOUR.
E19N25	001	L	M	R	PR	MODERATE-STEEP, SIDE VIEW FROM LOUGHBOROUGH INLET.
E19N25	002	M	H	R	PR	STEEP, LONG VIEWS FROM LOUGHBOROUGH INLET AND PRIVATE RESIDENTS.
E19N25	003	M	H	R	PR	STEEP, LONG VIEWS FROM LOUGHBOROUGH INLET AND PRIVATE RESIDENTS.
E19N25	004	M	H	M	PR	MODERATE, SIDE VIEW FROM LOUGHBOROUGH INLET.
E19N25	005	L	H	PR	M	GENTLE, SIDE VIEWS FROM TOPAZE HARBOUR.
E20N20	001	H	H	PR	PR	HEADLAND, VISIBLE FOR LONG VIEW DOWN DISCOVERY PASSAGE.
E20N20	002	H	H	MM	PR	GENTLE SLOPE, LIMITED VIEW FROM WATER.
E20N20	003	L	M	R	M	FLAT, NOT VISIBLE FROM WATER.
E20N20	004	H	M	R	PR	STEEP, ROCKY, SIDE VIEW FROM DISCOVERY PASSAGE.
E20N20	005	H	H	R	R	STEEP, ROCKY, VISIBLE FROM RACE POINT.
E20N20	006	H	H	R	R	FLAT, SOME VISIBLE PORTIONS, ADJACENT TO MORTE LAKE.

JOHNSTONE STRAITS LANDSCAPE INVENTORY

Mapsheet	GIS Polygon	LSR	VAC	EVC	VQO	Description
E20N20	007	H	H	R	R	HIGHLY VISIBLE FROM RACE POINT
E20N20	008	L	H	R	M	FLAT, NOT VISIBLE FROM WATER.
E20N20	009	M	H	R	M	GENTLE, LIMITED VISIBILITY FROM PUBLIC ROADS.
E20N20	010	H	H	R	PR	MODERATE, DISTANT VIEW FROM VARIOUS QUADRA VIEWPOINTS.
E20N20	011	H	M	R	PR	GENTLE, LIMITED VISIBILITY FROM PUBLIC ROADS.
E20N20	012	L	H	R	M	GENTLE, LIMITED VISIBILITY FROM PUBLIC ROADS.
E20N20	013	M	H	R	M	GENTLE, LIMITED VISIBILITY FROM PUBLIC ROADS.
E20N20	014	H	H	R	R	HEADLAND, VERY VISIBLE FOR LONG VIEW DOWN DISCOVERY PASSAGE.
E20N21	001	H	M	M	PR	MODERATE SLOPE, SIDE VIEW FROM KANISH BAY. LOW USAGE ANCHORAGE ADJACENT.
E20N21	002	H	L	R	R	STEEP, HIGHLY VISIBLE FROM SMALL INLET.
E20N21	003	H	H	R	PR	GENTLE SLOPE, HEADLAND OF KANISH BAY.
E20N21	004	H	M	R	PR	GENTLE, VISIBLE FROM OCTOPUS ISLANDS ANCHORAGE.
E20N21	005	H	H	R	R	GENTLE SLOPE, HEADLAND OF KANISH BAY.
E20N21	006	H	H	R	PR	GENTLE SLOPE, VISIBLE FROM MODERATE USE ANCHORAGE IN KANISH BAY.
E20N21	007	H	H	R	R	GENTLE SLOPE, VISIBLE FROM GRANITE BAY.
E20N21	008	H	H	R	PR	GENTLE SLOPE, VISIBLE FROM GRANITE BAY.
E20N21	009	H	M	R	PR	MODERATE SLOPE, VISIBLE FROM GRANITE BAY.
E20N21	010	M	M	R	PR	MODERATE SLOPE, VISIBLE FROM GRANITE BAY.
E20N21	011	M	H	R	M	MODERATE, LIMITED VISIBILITY FOR LONG VIEW FROM DISCOVERY PASSAGE.
E20N21	012	M	M	R	M	MODERATE, LIMITED VISIBILITY FROM WATER AND PUBLIC ROADS.
E20N21	013	H	M	R	PR	STEEP, ROCKY, SIDE VIEW FROM DISCOVERY PASSAGE.
E20N21	014	H	H	R	R	HEADLAND, VERY VISIBLE FOR LONG VIEW DOWN DISCOVERY PASSAGE.
E20N21	015	H	H	MM	PR	GENTLE SLOPE, LIMITED VIEW FROM WATER.
E20N21	016	H	H	R	PR	MODERATE, DISTANT VIEW FROM VARIOUS QUADRA VIEWPOINTS.
E20N21	017	H	H	R	PR	MODERATE, DISTANT VIEW FROM VARIOUS QUADRA VIEWPOINTS.
E20N21	018	M	H	R	PR	MODERATE, ADJACENT TO PUBLIC ROAD.
E20N21	019	H	H	R	M	GENTLE, LIMITED VISIBILITY FROM ROADS.
E20N21	020	H	H	R	PR	GENTLE, ONLY VISIBLE FROM CLEAR LAKE (LOW USAGE).
E20N21	021	H	M	R	R	GENTLE, HIGHLY VISIBLE FROM MAIN LAKE.
E20N21	021	L	H	PR	M	MODERATE, LIMITED VISIBILITY FROM WATER AND PUBLIC ROADS.
E20N22	001	H	H	M	PR	MODERATE, LONG VIEW UP DISCOVERY PASSAGE.
E20N22	001	H	H	M	PR	GENTLE, LIMITED VISIBILITY FROM NODALES CHANNEL.
E20N22	002	M	H	R	PR	MODERATE, VISIBLE FROM CHAMELEON HARBOUR.
E20N22	003	L	M	R	M	STEEP, BACKGROUND VIEW FROM OKISOLLO CHANNEL.
E20N22	004	M	H	M	PR	MODERATE, SIDE VIEW ALONG OKISOLLO CHANNEL.
E20N22	005	M	M	R	PR	MODERATE, LOWER SLOPES OF DISCOVERY MOUNTAIN, BACKGROUND VIEW.
E20N22	006	M	M	M	PR	MODERATE, LONG VIEW UP OKISOLLO CHANNEL.
E20N22	007	L	H	R	PR	MODERATE, SIDE VIEW ALONG OKISOLLO CHANNEL.
E20N22	009	H	H	R	PR	GENTLE SLOPE, LOW HEADLAND VISIBLE FOR SHORT VIEW FROM DISCOVERY PASSAGE.
E20N22	010	L	H	R	M	GENTLE SLOPE, LIMITED VISIBILITY.
E20N22	011	H	M	R	PR	STEEP, SIDE VIEW FROM OKISOLLO CHANNEL.
E20N22	012	L	H	R	M	MODERATE, LIMITED VISIBILITY FROM WATER.
E20N22	013	H	M	M	PR	MODERATE SLOPE, SIDE VIEW FROM KANISH BAY. LOW USAGE ANCHORAGE ADJACENT.

JOHNSTONE STRAITS LANDSCAPE INVENTORY

Mapsheet	GIS Polygon	LSR	VAC	EVC	VQO	Description
E20N22	014	H	L	R	R	STEEP, HIGHLY VISIBLE FROM SMALL INLET.
E20N22	015	H	M	PR	PR	GENTLE, DISTANT VIEW FROM OKISOLLO CHANNEL.
E20N22	016	L	H	PR	M	FLAT, NOT VISIBLE FROM PUBLIC ROADS.
E20N22	017	H	H	PR	PR	GENTLE SIDE VIEW FROM OKISOLLO CHANNEL.
E20N22	018	H	H	PR	PR	GENTLE SIDE VIEW FROM OKISOLLO CHANNEL.
E20N22	020	H	M	R	PR	GENTLE, VISIBLE FROM OCTOPUS ISLANDS ANCHORAGE.
E20N22	021	H	M	R	PR	GENTLE, VISIBLE FROM OCTOPUS ISLANDS ANCHORAGE.
E20N23	001	M	H	PR	PR	GENTLE, SIDE VIEW ALONG CORDERO CHANNEL.
E20N23	002	H	M	PR	PR	MODERATE, HEADLAND WITH LONG VIEWS FROM MAYNE PASSAGE.
E20N23	003	H	L	R	PR	MODERATE, DIRECT VIEWSCAPE FROM BLIND CHANNEL MARINA.
E20N23	004	M	M	R	PR	MODERATE, DIRECT VIEWSCAPE FROM HEMMING BAY.
E20N23	005	M	M	PR	PR	MODERATE, SIDE VIEW FROM MAYNE PASSAGE.
E20N23	006	M	H	R	PR	STEEP, BACKGROUND VIEW FROM MAYNE PASSAGE.
E20N23	007	M	H	M	PR	GENTLE, SIDE VIEW FROM JOHNSTONE STRAITS.
E20N23	008	H	M	R	PR	MODERATE, LONG VIEW FROM DISCOVERY CHANNEL.
E20N23	009	M	H	R	PR	STEEP, SIDE VIEW FROM NODALES CHANNEL.
E20N23	010	M	M	PR	PR	STEEP, BACKGROUND VIEW FROM DISCOVERY PASSAGE.
E20N23	011	H	M	R	PR	MODERATE, DIRECT VIEWSCAPE FROM HEMMING BAY.
E20N23	012	H	M	R	PR	MODERATE, DIRECT VIEWSCAPE FROM HEMMING BAY.
E20N23	013	H	M	R	PR	MODERATE, DIRECT VIEWSCAPE FROM HEMMING BAY.
E20N23	014	M	H	M	PR	MODERATE, SIDE VIEW FROM NODALES CHANNEL.
E20N23	015	M	M	M	PR	MODERATE, DIRECT VIEW FROM FREDERICK ARM.
E20N23	016	H	M	PR	PR	STEEP, HEADLAND WITH LONG VIEW FROM CORDERO CHANNEL.
E20N23	017	M	M	M	PR	STEEP, SIDE VIEW FROM CORDERO CHANNEL.
E20N23	018	M	M	PR	PR	STEEP, SIDEVIEW FROM NODALES CHANNEL.
E20N23	019	H	M	PR	R	STEEP, DIRECT VIEWSCAPE FROM THURSTON BAY.
E20N23	020	M	M	PR	PR	MODERATE, BACKGROUND VIEW FROM THURSTON BAY.
E20N23	021	M	H	P	PR	MODERATE, BACKGROUND VIEW FROM THURSTON BAY.
E20N23	022	M	H	R	PR	MODERATE, VISIBLE FORM CHAMELEON HARBOUR.
E20N23	023	H	H	M	PR	GENTLE, LIMITED VISIBILITY FROM NODALES CHANNEL.
E20N23	025	L	M	R	M	STEEP, BACKGROUND VIEW FROM OKISOLLO CHANNEL.
E20N24	001	M	M	M	PR	STEEP, SIDE VIEW FROM CORDERO CHANNEL.
E20N24	002	H	M	PR	PR	STEEP, HEADLAND WITH LONG VIEW FROM CORDERO CHANNEL.
E20N24	003	M	M	M	PR	
E20N24	004	M	M	PR	PR	MODERATE, LIMITED HEADLAND VIEW FROM CORDERO CHANNEL.
E20N24	005	M	M	R	PR	MODERATE-STEEP, SIDE VIEW FROM CORDERO CHANNEL.
E20N24	006	M	M	R	PR	STEEP, BACKGROUND VIEW FROM CORDERO CHANNEL.
E21N20	001	L	H	R	M	FLAT, NOT VISIBLE FROM WATER OR ROADS.
E21N21	001	L	H	R	M	FLAT, NOT VISIBLE FROM WATER OR ROADS.
E21N21	002	H	M	R	PR	MODERATE, SIDE VIEW FROM SURGE NARROWS.

T.F.L. 47 - JOHNSTONE STRAITS DIVISION

CLASSIFICATION OF HARBOURS, ANCHORAGES AND PASSAGES

CODE NUMBER	ANCHORAGE/HARBOUR	USAGE AS A DESTINATION	COMMENTS
Q1	Plumper Bay	Medium	Open to Westerly winds. High usage by local sports fishery.
Q2	Deep Water Bay	Medium	Open to Westerly winds. High usage by local sports fishery.
Q3	Granite Bay	High	Good protection from all winds. Also used as a holding area for Seymour Narrows. CRYC: Poor bottom due to old booming grounds. Still used a lot (high).
Q4	South Kanish Bay	Low	Some protection from Westerly winds, but Granite Bay offers much better anchorage. CRYC: Holding area for Seymour Narrows. High sports fishing use.
Q5	Small Inlet	Med/High	Very protected, scenic anchorage. Park proposed for strip of land between Small and Wiatt Bay by the Yacht Club Association. CRYC: Also lots of overnight camping (small boats). Some wind problems.
Q6	North Kanish Bay	Low	Not used because of its proximity to Small and Granite Bays. Somewhat open.
Q7	Chonat Bay	Low	Open to Westerly winds.
Q8	Octopus Islands	High	Park. Well protected.
Q9	Head of Wiatt B.	High	Proposed park. Well protected.
Q10	South Wiatt Bay	Low	Currently used by fish farm. Other areas in Wiatt are preferred.
Q11	Unnamed Bay	Low	Not as protected as Wiatt.
Q12	Sawmill Bay	High	CRYC: Good anchorage for 3 to 4 boats. Popular.
S1	Woods Bay	Low	DLS present. Not very protected.
S2	Barnes Bay	Low	DLS present. Not very protected.
S3	Mushkin Bay	High	Favored fishing sport for lodge visitors around Innes. Not used as an anchorage (no protection). Lodges on Stuart Island.
S4	Innes Pass Area	High	Protected anchorage, but proximity to Cameleon limits its use. Possible future use.
S5	Thurston Bay	Medium	Park proposal at FCCI DLS by th B.C. Yacht Club Association.
S6	Cameleon Harb.	High	Park. Protected anchorage. Usage declines toward head of Bay. CRYC: Usage does not decline towards head of bay.
S7	Unnamed Bay	High	CRYC: Small lagoon. Very protected. Popular. Wind characteristics would be adversely changed if headland were to be logged.
ET1	West Hemming Bay	High	Protected anchorage around unnamed island.
ET2	East Hemming Bay	Low	Not much protection.

ET3	Bickley Bay	Medium	Some protection offered. Proximity to Shoal Bay limits overnight use. Used as holding area for Green Point Rapids.
ET4	Crawford Ancho.	Medium	Some protection offered. Proximity to Blind Channel limits use.
ET5	Charles Bay	Low	Little protection offered. Blind Channel right across channel.
ET6	Unnamed Harbour	Low	CRYC: Shallow Bay.
ET7	Turn Island	Low	Storm refuge only.
WT1	Blind Channel	High	Storm refuge only. CRYC: Some overnighiting. Still rated low.
WT2	Knox Bay	Low	Marina.
WT3	Vere Cove	Low	Open to South Easterly winds. CRYC: Good refuge in Westerly.
WT4	Shorter Point Area	Low	Open to Westerly winds.
DL1	Tallac Bay	Low	CRYC: Upgrade to mod. Used in summer as overnight area. Good holding area.
DL2	Cordero Bay	High	Used as a holding area for the Wellbore Channel. Not much protection for anchorage.
DL3	Cordero Islands	Medium	Very shallow, poor anchorage.
DL4	Unnamed Bay	Low	Resort and restaurant present. Good protection.
DL5	Anchor Bay	Low	Some protection to most winds. Used as a holding area for Greene Point Rapids. CRYC: Change rating to low.
DL6	Grassy Bay	Low	Open to Westerly winds. Shallow at Head of Bay.
HL1	Sidney Bay	Low	Open to Westerly winds.
HL2	Beaver Inlet	Low	Private floats and suddenly decreasing depths preclude anchorage.
HL3	Douglas Bay	High	CRYC: See Beaver Inlet.
HL4	Forward Harbour	Low	Small anchorages with good protection. Not currently used much.
HL5	Bessborough Bay	Low	CRYC: Change rating to low-med. Locals use in summer.
HL6	Unnamed Bay	Low	Proposed park. Good protection from wind and tide. Concern expressed to protect viewscape to south.
HL7	Topaze Harbour	Low	Rest of Forward Harbour is relatively unused.
HL8	Jackson Bay	Low	Open to Westerly winds. Popular beach access by trail from Douglas Bay.
H1	Clam Bay	Low	Open to Westerly winds and shallow.
H2	Bendickson Harb.	Low	Very open to Westerly winds. Shallow at head of Bay.
H3	Yorke Island	Low	Open to South Easterly winds. Emergency tie-up at logging camp only.
H4	Unnamed Bay	Low	Open to Westerly winds.
PN1	Blenkinsop Bay	Low	Docks located at settlement for emergency use.
PN2	Tuna Point	Low	No anchorage, but is point of interest (WW II guns). Day use only.
PN3	McLeod Bay	Low	Refuge. Logging trees on point would adversely change wind characteristics.
PN4	Pt. Neville Entrance	High	Open to Westerly winds.
PN5	Baresides Bay	Medium	Refuge use only.
			Too small for use. CRYC: Refuge use.
			Government dock.
			Open to all winds. Shallow bay.

PN6	East Pt. Neville	Medium	Open to all winds.
BB1	Broken Islands	Low	Very open to Westerly winds. Port Neville is close enough to make this an undesirable anchorage.
BB2	Unnamed Bay	Low	Open to Westerly winds.
BB3	Bouhey Bay	Low	Open to Easterly winds. Emergency anchorage only.
BB4	Matilpi	High	Small but highly used protected anchorage. CRYC: Change usage rating to low.
EC1	Soderman Cove	Medium	Somewhat open, but popular anchorage. Currently fish farm present. CRYC: Change usage rating to low.
EC2	N. Port Harvey	High	Proposed park, government float. Protected area. Popular. CRYC: Entire head of Bay is popular. High usage.
EC3	Mist Islands	Low	Open to swells from Johnstone Strait.
EC4	Chatham Channel	Low	Prone to tide. Minstrel Island is better alternative.
EC5	Cutter Cove	Medium	Nearby Minstrel Island is more popular. Somewhat open to winds. CRYC: Usage rating to high.
EC6	Minstrel Island	High	Very popular anchorage. Government dock and store.
EC7	Lagoon Cove	High	Marina. Popular protected anchorage.
EC8	N.Cracroft Inlet	High	Popular protected anchorage.
EC9	S.Cracroft Inlet	Low	Very shallow. Dries up at low tide.
WC1	Potts Lagoon	High	Rated as one of the best anchorages on the coast. Proposed park on northern headland. CRYC: South Potts Lagoon is popular also.
WC2	Klaoitsis Island	Medium	Somewhat open to tidal action. Proximity to Potts Lagoon limits use. Proposed park on Western Islands. CRYC: Change useage rating to low.
WC3	Growler Cove	High	Used heavily by commercial fishermen. Refuge only for pleasure craft. CRYC: Lots of tenters along shoreline while Orcas are in.
WC4	Boat Bay	High	Fairly sheltered anchorage. Proposed park on Western side and Island.
HAN1	Double Bay	High	Protected anchorage near propsoed park. CRYC: Entire north shore of Hanson is popular.

PASSAGES

- Discovery Passage:* Cruise ships and local fishermen. The destination bound yachters tend to enter the area through Cordero Channel.
- Johnstone Strait:* Cruise ships and a low volume of yacht traffic.
- Hoskyn Channel (Surge Narrows):* Medium to high yacht traffic.
- Hole-In-The-Wall:* Medium to low yacht traffic. CRYC: Change rating to high.
- Okisollo Channel:* Medium yacht traffic.
- Calm Channel and Cordero Channel:* High yacht traffic. Some small cruise ships.
- Nodales Channel:* Medium yacht traffic.

Blind Channel: High yacht traffic.
 Mayne Passage: Medium to low yacht traffic.
 Chancellor Channel (to Greene Point Rapids): High yacht traffic.
 Loughborough Inlet: Low yacht traffic.
 Wellbore Channel: High yacht traffic.
 Sunderland Channel: High yacht traffic.
 West end of Chancellor Channel (out to Johnstone Straits): Low yacht traffic.
 Havannah Channel: High yacht traffic.
 Chatham Channel: High yacht traffic.
 Clio Channel: Medium yacht traffic.
 Baronet Passage: Low yacht traffic.
 Area around Wilson Passage: Becoming more popular with sea kayakers.

Key to area codes:

Q	-Quadra
S	-Sonora
ET	-East Thurlow
WT	-West Thurlow
DL	-Deer Lake Area
HL	-Heydon Lake Area
H	-Hardwicke
PN	-Port Neville Area
BB	-Boughey Bay Area
EC	-East Cracroft
WC	-West Cracroft
HAN	-Hanson

The information for this classification of harbours, anchorages and passages was obtained through the following meetings and subsequent contact for clarification.

October 13, 1989

Present: FCCL - Jack Turley, Tom Jones
 Ministry of Parks - Rik Simmons (R.O. Planning and Conservation Services, South Coast Region)
 B.C. Council of Yacht Clubs - Dick Niven (President)
 - Hardy Lane (Director of Parks Research)
 Nanaimo Yacht Club - Alvin Fairhurst (retired employee of Marine Parks Division)

October 30, 1989

Present: FCCL - Jack Turley, Tom Jones
 Campbell River Yacht Club - David Adams, Harold Campbell,
 Nick Judyski, Bruce Merrithew, Les Shortreed