MANAGEMENT PLAN FOR AREAS ON QUADRA ISLAND WITHIN THE GEORGIA STRAITS PROVINCIAL FOREST

JUNE 11, 1993

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1.0 *INTRODUCTION:*

The Quadra Island Forest Management Plan has been prepared to guide forest resource management for those portions of Quadra Island within the Georgia Straits Provincial Forest (see maps #1 and #2).

This plan contains:

- A brief history of the planning process;
- A summary of issues identified during the planning process;
- Discussion of the objectives of the plan and measures adopted to meet those objectives; and
- An implementation plan.

1.1 *HISTORY:*

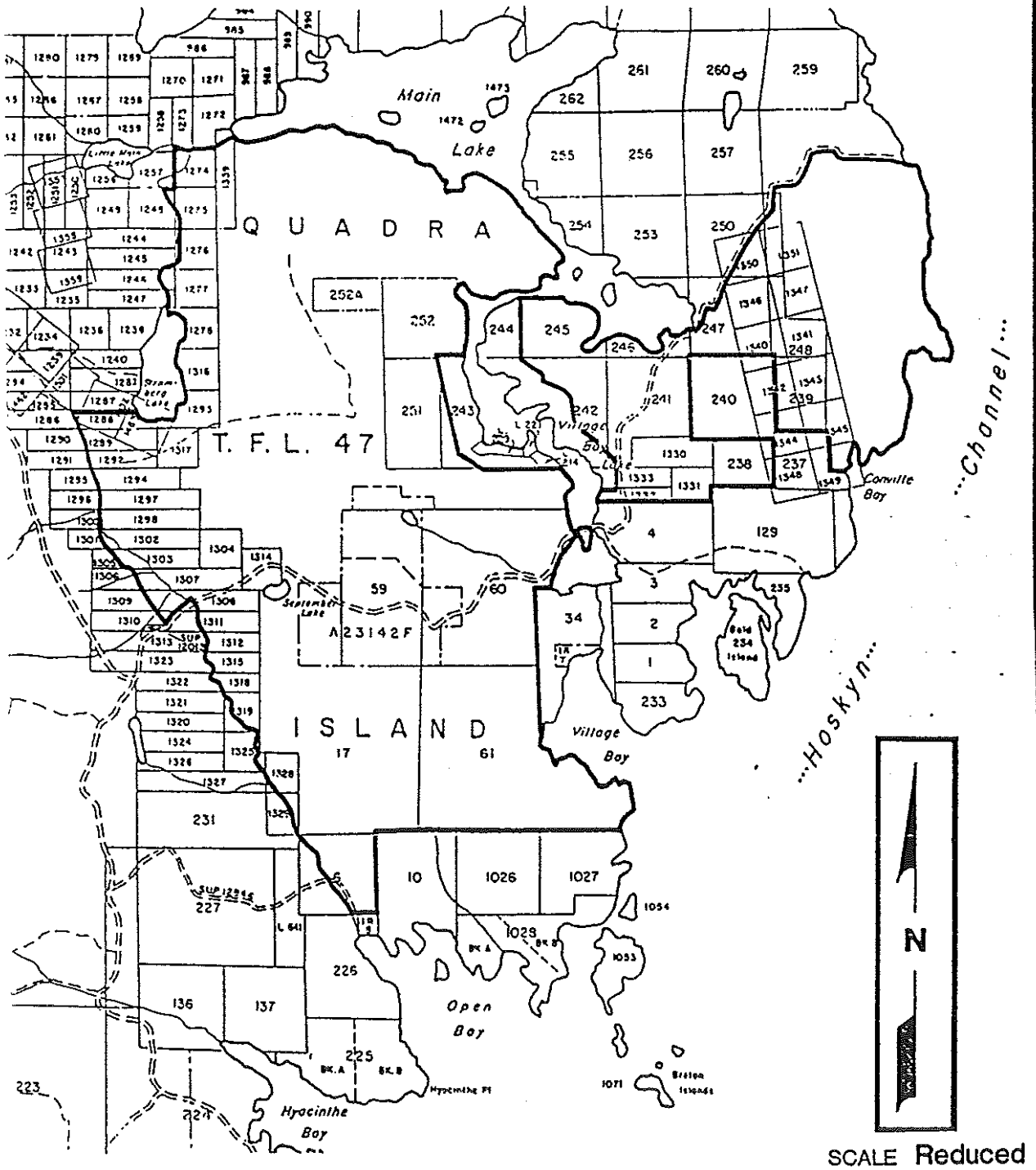
In 1987, the Minister of Forests announced a 5% reduction of the allowable annual cut (AAC) of all major timber tenures in British Columbia. This timber was ear-marked to stimulate "value-added" manufacturing within the small business sector (known as "bid proposals").

To accommodate this reduction,. Fletcher Challenge Canada Limited and the Ministry of Forests agreed to transfer a portion of Tree Farm Licence (TFL) No. 47 to the Small Business Forest Enterprise Program. It was further agreed that this so-called "takeback" would occur at Boughey Bay near Call Inlet and in the vicinity of the Village Bay Lakes on Quadra Island. The selection of these areas was made on the basis of their representation of the characteristics of the TFL 47 landbase. This agreement was concluded in 1989.

The Ministry of Forests prepared a draft management plan for the area and presented it to Quadra Islanders in June 1990. The input received at and following that presentation highlighted the requirement for increased consultation with concerned groups and individuals on Quadra Island.

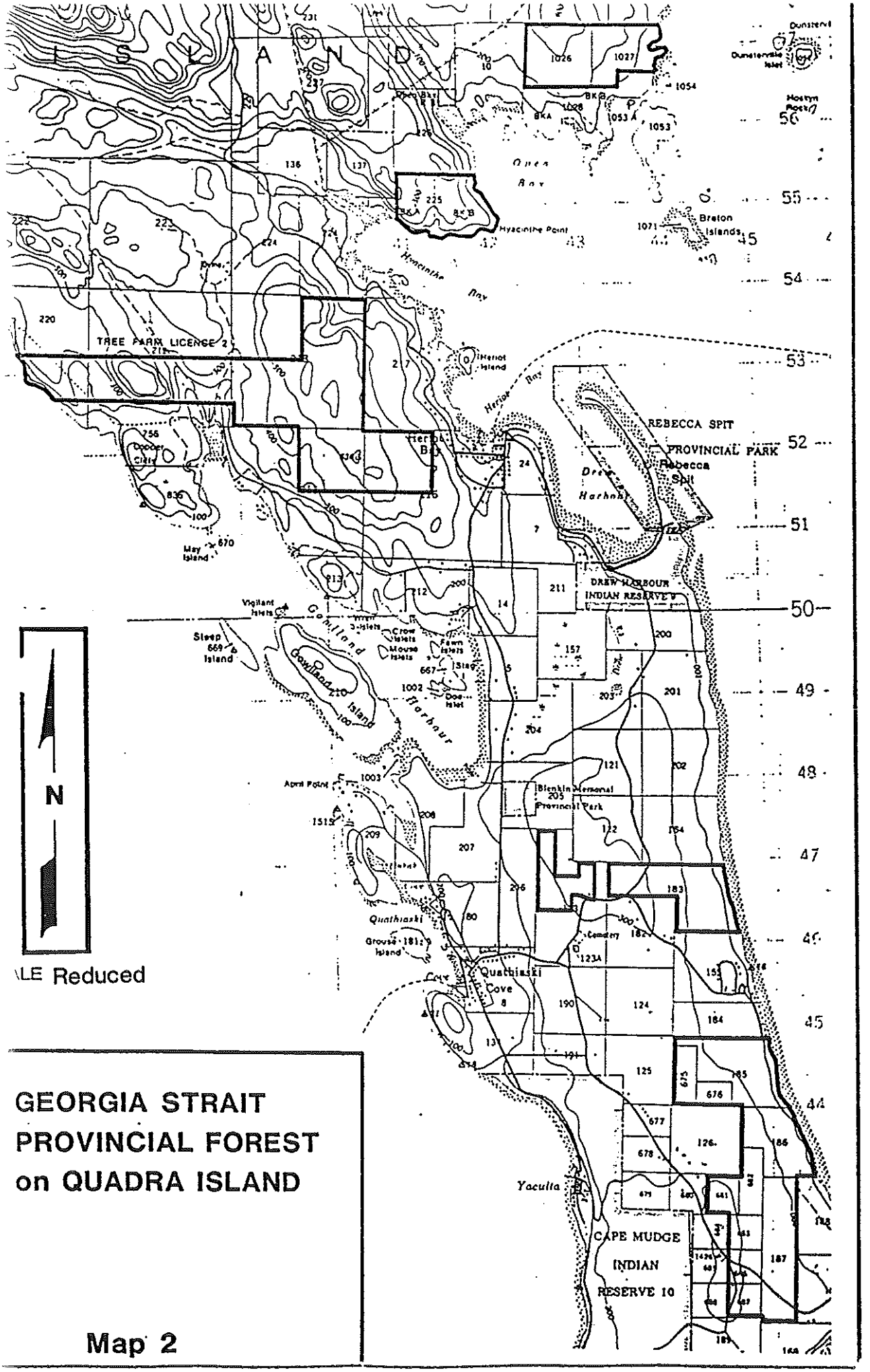
Since that time, the Ministry of Forests has been consulting with the Quadra Island Forest Resources Committee (QIFRC), members of the general public and resource agencies to prepare a management plan that better meets the mix of resource uses and values that are important to the local community. The QIFRC is an umbrella group that represents the interests of a variety of concerned groups and individuals on Quadra Island. (See appendix 1 for membership list).

The Quadra Island Forest Management Plan is the result.



GEORGIA STRAIT PROVINCIAL FOREST on QUADRA ISLAND

Map 1



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GEORGIA STRAIT PROVINCIAL FOREST on QUADRA ISLAND

Map 2

2.0 *ISSUES:*

The Ministry of Forests had identified the issues important to Quadra Island residents through a variety of methods. These include:

- The public meeting held in June, 1990;
- Two public input sessions for the Recreation Features Inventory held in June, 1990;
- Ongoing dialogue with the QIFRC;
- Receipt of letters from concerned parties;
- meetings with the Regional District of Comox-Strathcona;
- A detailed biophysical inventory and subsequent evaluation by resource specialists;
- Liaison with other resource management agencies;
- Informal discussions and field trips with concerned residents; and
- An open house held on July 11, 1992, at the Community Centre.

To date, the issues that have been identified are:

- Protection of recreational features (especially the viewshed of Village Bay Lakes);
- Timber harvesting impacts on wildlife, fish and biological diversity;
- Herbicides;
- Type of tenure (woodlots, timber sales, "bid-proposals");
- Sustainability of timber harvest;
- Lack of timber for small business loggers;
- Harvesting methods (size of clear-cuts and the appropriateness of other methods);
- Road safety and logging traffic;
- Protection from forest fires;
- Local jobs and economic benefit;
- Support for creation of a park;

- Concerns about sanitation, water pollution, motorboats, the boat launch, trespass and noise levels on Village Bay Lake, particularly during the summer.

- Management of other forest crops (mushrooms, etc.); and

- Wish for local control.

These issues and concerns are recognized as being valid and important by the Ministry of Forests. Each issue has been evaluated by Ministry staff in consultation with other resource management agencies and the QIFRC. The Ministry of Forests' response to the issues is presented in the form of objectives of the Quadra Island Forest Management Plan and the measures adopted to meet those objectives.

2.1 *PARK OR INTEGRATED RESOURCE MANAGEMENT?*

Throughout the planning process, an issue that has been raised repeatedly is that of local support for a park covering approximately 2 000 hectares covering both takeback lands and TFL 47.

Both the Ministry of Forests and the Village Bay Lakes Park Committee approached the Parks Branch of the Ministry of Environment, Lands and Parks to determine whether the area warranted provincial park status. Parks Branch indicated that provincial park status was not appropriate. Regional park status was suggested.

The Regional District of Comox-Strathcona has also been approached by the Village Bay Lakes Parks Committee to determine whether the area warranted inclusion in the Regional Park Plan. By-law No. 1459 has been passed by the Regional District of Comox-Strathcona, which includes the area in the Official Campbell River Park Plan as an area of regional recreation significance. The Regional District also endorsed in principle the Ministry of Forests' integrated resource management approach provided that due consideration and recognition be given to the regionally significant recreational values of the area. The Regional District will be included in the planning process for the area to ensure that all regionally significant values are incorporated.

There are several reasons why integrated resource management is most suited for the area:

- During consultation with Quadra Island residents, cottagers and visitors regarding recreation, a common theme was repeatedly expressed. Local users want the recreational experience to remain as close to what it is currently as possible;

- The Ministry of Forests has the mandate to manage for informal, dispersed recreation and the budget and infrastructure to ensure that it is carried out. This would include rectifying current public health, safety and fire hazards without changing the type of use that currently exists;

- A high level of protection of recreational features, notably protection of the landscape visible from the lakes, can be accomplished with integrated resource management; and

- In areas where no significant recreational values exist there are significant timber values. These timber values can be managed to provide economic opportunity to small business loggers and the related supply and silviculture sector while ensuring that other resource values are being protected.

Portions of the proposed park have been preserved based upon landscape and biological diversity management goals. Other portions (all areas visible from the viewsheds of the Village Bay Lakes) have had timber harvesting deferred for the term of this plan. The balance of the area that has been proposed as park is recognized as being particularly sensitive. The current five-year development plan does not propose any timber harvesting within the area proposed for park. The development plan will be updated annually within the context of this plan. All proposed management activities will be subject to public and agency review. Local consensus will be sought before proceeding with any management activity.

This plan will ensure that all of the following concerns are addressed:

- Protection and enhancement of biological diversity;
- Management of significant landscapes visible from roads, lakes, ocean, trails and viewpoints;
- Protection of fish values;
- Protection of wildlife;
- Concerns about herbicide use;
- Protection of recreational features;
- Road safety;
- Selective logging and clear-cut size;
- Availability of timber for small business loggers;
- Preservation of existing old-growth and the need to grow more;
- Protection of domestic watersheds;
- Protection and sustainability of other forest crops;
- Provision for local control; and
- Sustainability of all of the above.

3.0 *PLAN OBJECTIVES AND ADOPTED MEASURES:*

3.1 *Consultation and Liaison Objectives:*

A key objective of this plan is to ensure that there are adequate opportunities for consultation in order to seek consensus in the planning and implementation of forest management regimes.

Anticipated benefits of consultation are:

- A clearer understanding of desired goals by all resource users and by resource managers;
- A clearer understanding of the forest resource and the benefits and costs of management strategies by resource users and managers;
- Opportunities for resolution of resource-related conflicts before they escalate;
- Opportunities to explore new solutions to resource-use problems; and
- Opportunities to establish a productive, working relationship between resource users and resource managers.

Adopted Measures:

- This plan will be adopted for a five-year term to allow for development of a working relationship with the local public. The plan will be formally evaluated in terms of its effectiveness. In five years, a new plan will be drafted based upon the evaluation and public input;
- The Ministry of Forests will seek local consensus through agency and public review of this plan prior to implementation;
- The Ministry of Forests will seek local consensus through agency and public review of all proposed harvesting, silviculture and recreation development activities prior to implementation;
- Agencies to be consulted are:
  - Fisheries and Oceans Canada
  - Ministry of Environment, Lands and Parks
  - Regional District of Comox-Strathcona
  - others on an as-needs basis

- Public review will consist of:
  - copies of all proposed harvesting, silviculture and recreation plans will be forwarded to the QIFRC for review by its membership;
  - ongoing liaison with the QIFRC and other interested parties;
  - a minimum of one public review of this plan annually and all activities related to it; and
  - preparation of an annual report.

3.2 *LANDSCAPE OBJECTIVES/VALUES:*

The forested landscape of the takeback area is valued by residents and visitors for its scenic qualities. A detailed landscape inventory and analysis of areas seen from lakes, main roads, waterways, viewpoints and residences was conducted by the Ministry of Forests.

Adopted Measures:

Visual Quality Objectives (VQO's) express the degree of acceptable alteration to visible landscapes caused by forest management activities. All landscapes within provincial forest visible from lakes, roads and marine corridors have been assigned VQO's (see map #3). Table #1 shows the degree of acceptable alteration for each VQO.

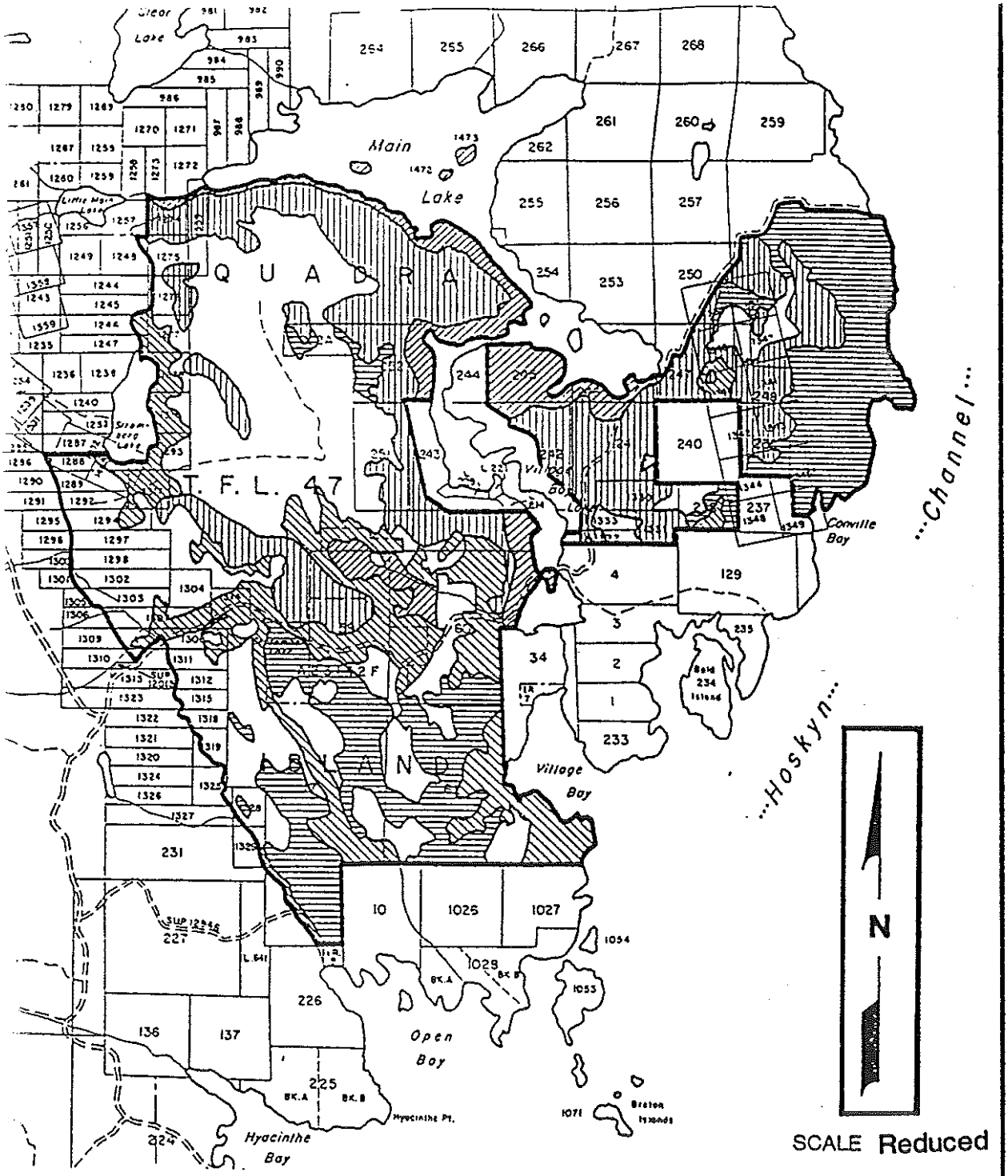
Table 1

VQO	% of Alteration Acceptable
Preservation (P)	no logging
Retention (R)	alteration visually non-evident (less than 5%)
Partial Retention (PR)	alteration between 5 and 15%
No Designation	alteration subject to other constraints

The landscape visible from the Village Bay Lakes system has the highest scenic value within the takeback area and has generated a public demand for protection of the landscape. As such, a VQO of preservation has been assigned to the most significant areas.

No logging will occur in the balance (shown as "No harvesting" on map #3) of the landscape visible from these lakes for the term of the plan. This five-year deferral will allow for evaluation of the plan's effectiveness prior to assigning a final VQO.

Development planning will be conducted in accordance with assigned VQO's.



QUADRA ISLAND V.Q.O.'S

- PRESERVATION
- NO HARVESTING
- RETENTION
- PARTIAL RETENTION

Map 3

NOTE: Those areas that are not assigned visual quality objectives will be subject to other adopted measures as outlined in this plan.

3.3 *FISHERIES OBJECTIVES/VALUES:*

The Village Bay Lake system and other streams on Quadra Island are highly productive from a fisheries perspective. The Quadra Island Salmonid Enhancement Society (QISES) has been working to restore fish production to historic levels. Their activities include operation of a hatchery, incubation box installation and maintenance, stream enhancement, inventory work and education.

A large amount of fish and fish habitat information has been collected by the Ministry of Forests, the Ministry of Environment, Lands and Parks and the Quadra Island Salmonid Enhancement Society (QISES). This information will be utilized to assess the impacts of forest management on fisheries values.
The fisheries objective of this plan is to protect spawning and rearing habitat with the goal of no impact. The integrity of riparian zones will be maintained. Upland areas will be managed to ensure that spawning and rearing habitat is protected. Best efforts will be made in the planning and implementation of management activities to achieve no impact on spawning and rearing habitat.

Attributes that will be protected include but are not limited to: water quality (including dissolved oxygen and suspended sediments), water quantity (including volume, velocity and timing), food and detritus production, cover, pools, cutbanks and large organic debris.

Adopted Measures:

- Stramberg Creek and Open Bay Creek are recognized as particularly sensitive areas;

- All development planning and management activities will be conducted in compliance with the 1993 Fish-Forestry Guidelines or subsequent editions. These guidelines are applied by Fisheries and Oceans Canada, the Ministry of Environment, Lands and Parks' Fish and Wildlife Branch, and the Ministry of Forests. (See appendix 2). In addition to the application of the Fish-Forestry Guidelines, the opinion of the QISES and local consensus will be sought on management activities in line with the consultation and liaison objectives;

- Coordination of access development to assist the Enhancement Society and government agencies in fish management activities, where appropriate.

3.4 *BIOLOGICAL DIVERSITY AND WILDLIFE OBJECTIVES:*

Maintenance and enhancement of biological diversity and wildlife is a key objective of the Quadra Island Forest Management Plan. All management activities will be evaluated to ensure that genetic, species and ecosystem diversity is maintained.

Opportunities for enhancing the structural, spatial and functional diversity of vegetative cover will be utilized;

Adopted Measures:

- A forest ecosystem network (FEN) will be placed adjacent to Stramberg Creek. Other areas including Open Bay Creek will be evaluated for inclusion in FENs during the term of the plan;

- Key hardwood stands within the planning area will remain undisturbed. In particular, hardwood stands along many creek banks and in wet areas will be managed for their contribution to food webs, snag habitat and detritus production;

- The area will be managed to ensure that a mosaic of tree species and stand ages is present;

- Snags and wildlife trees will be left and/or created where appropriate;

- Activities such as green tree retention in openings and preservation of appropriate existing scattered old-growth trees will create structural diversity within stands;

- The four identified old-growth stands (greater than 251 years of age) will remain undisturbed;

- A combination of preserved areas and limited harvesting will allow large areas of existing second growth forest to develop old-growth characteristics. Old growth characteristics are: large trees for species and site, wide variation in tree size and spacing, accumulations of large dead-standing and fallen trees, multiple canopy layers, canopy gaps and understory patchiness, and decadence in the form of broken or deformed tops or boles and root decay. Many types of sites will be managed for old-growth to ensure that the growth of large trees is achieved;

- Small clear-cuts, commercial thinning and other selective harvesting systems will allow light to penetrate to the forest floor, improving forage and security cover for many wildlife species;

It may not be possible to meet a five hectare size limitation due to conflict with other management objectives. For instance, when harvesting alder, it may be necessary to harvest a larger area in order to prevent seeding-in and subsequent need for broadcast herbicide treatment. Harvest of a larger area, in this case, would allow for reduced likelihood of herbicide use.

The plan objective is to use the harvesting method that best fits site-specific factors and other plan objectives.

***ADOPTED MEASURES*:**

- To harvest using a combination of small clear-cuts and selective harvesting;

- For the five-year term of this plan, clear-cuts will occur only in alder types or in areas requiring salvage due to natural tree mortality (windfall, root rot, fire, etc.) Priority is given to alder types because most alder in the plan area is at or past maturity;
- Initially, selective harvesting will take the form of commercial thinning in coniferous stands. Other selective harvesting systems will be evaluated and adopted if ecologically and silviculturally appropriate. Commercial thinning does not necessarily mean a clear-cut follow-up;

- Cutblock size and shape will be based upon site-specific consideration of visual, ecological, silvicultural, economic and engineering factors. The emphasis on these factors will vary as a function of the site. Other objectives of this plan and local preferences will be featured prominently in the decision-making process;

- Most clear-cuts in alder will be in the 7 - 15 hectare range. Clear-cuts in coniferous timber will have a target size of 5 hectares or less.

- Any proposed clear-cut over 5 hectares in size will be evaluated for measures to soften the impact. Possible measures include: "feathering" of edges, retention of trees within the opening, retention of pockets of timber, etc. These measures will be utilized where practical.

- Site degradation due to harvesting will average less than 5%.

3.6 *SILVICULTURE OBJECTIVES:*

Silviculture is the process of tending, harvesting and replacing forests. The silviculture objective of this plan is to ensure that timber harvesting and reforestation are conducted in a manner consistent with all objectives of this plan.

ADOPTED MEASURES

- Appropriate alder stands will be harvested and salvaged before they decline and become unusable for timber excluding key hardwood stands as identified for biodiversity;

- Stands of mixed species that are ecologically suitable will be created;

- Forest health problems such as root rot and other diseases will be addressed; and

- Appropriate stands will be commercially thinned.

- Prior to any harvesting, a Pre-Harvest Silviculture Prescription (PHSP) will be prepared. The PHSP will:

  a) provide an ecological assessment of the site;

  b) be adequate to ensure that a healthy stand of trees is established in accordance with specified standards and time limits.

  c) be adequate to ensure that new seedlings are of ecologically suitable species for the site.

  d) be consistent with all objectives contained in this plan.

  e) describe all treatments necessary to deal with pest risks to the new stand that are likely to occur;

  f) facilitate protection of the soil;

  g) describe the harvesting system to be utilized;

  h) describe the characteristics of any trees to be left standing.

All PHSPs will be advertised and made available for review in accordance with the consultation and liaison adopted measures set out in this plan.

- The Ministry of Forests will conduct or supervise all treatments specified in the approved PHSP.

3.61 *HERBICIDES:*

An important issue among many residents of Quadra Island is that of herbicide use The QIFRC is opposed to herbicide use.

Herbicides are sometimes used by forest managers to control competing vegetation while a new stand is being established. In some instances, they are the only realistic means of accomplishing stand establishment goals within legislated timelines for reforestation.

The plan objective as it relates to herbicides will be to minimize use.

ADOPTED MEASURES:

- Any proposed use of herbicide will be preceded by public consultation in accordance with the consultation and liaison adopted measures;
- All PHSPs will contain an assessment of brush competition hazard and a prescription to deal with it. Harvesting techniques and silvicultural follow-up will be geared to avoiding or limiting the need for herbicides;
- No broadcast treatments will be used whatsoever;
- No herbicides will enter any streams;
- No herbicides will be used in proximity to domestic water supplies;
- All alternatives will be evaluated and implemented provided they are efficient and reasonably cost effective. These alternatives could include:

  a) manual brushing;

  b) planting of species or stock types that can out-compete brush;

  c) no harvesting;

  d) growing hardwoods;

  e) others.

3.7 *RECREATION OBJECTIVES:*

A detailed recreation inventory has been conducted on the takeback area. The primary recreation value is derived from the water-based features of the Village Bay Lakes and the associated recreational activities. Valuable recreational experiences occur on the balance

of the takeback area. The upland portion is similar to other areas on the island and adjacent areas on Vancouver Island. Identified recreation features are documented in appendix 3.

The lake system offers important recreational experiences and contains diverse opportunities that are easily accessible. It is recognized as an important component of the lifestyle of local residents, visitors and tourists.

A public consultation process has been conducted regarding recreation. As a function of the high turnout to public meetings and the strongly-expressed sentiments of those that turned out, two clear messages have been received by resource management agencies.

1) Any planning and management of the takeback area must give protection of the recreational features and experiences a high profile with security over the long term; and

2) Planning and management of the area should aim to maintain the existing recreational experiences.

The recreation objectives of this plan are to:

1) Protect recreational features;

2) Maintain the quality of recreational experiences;

3) Accommodate current use levels; and

4) Promote education for outdoor and wilderness etiquette; and

5) Maintain the integrity of the area for its tangible and intangible natural values.

***ADOPTED MEASURES*:**

- designate the viewshed of Village Bay, Mine, Stramberg and Main lakes as an area in which recreation is the primary emphasis;

- Ensure, by means of this document, that all subsequent and adjacent plans address protection of the viewshed and other recreation features as clear and significant issues;

- Monitor use levels through a process of gathering user statistics ensuring that roads management is compatible with maintaining recreation experiences;

- Rectify public sanitation, safety and fire hazards that are under Ministry of Forests' jurisdiction;

- Preclude further alienations of provincial forest land for non-public use; and

- Manage the landscape visible from the lakes through the establishment of visual quality objectives on provincial forest.

The plan area has been divided into recreation sub-units each having objectives and adopted measures.

3.71 *VILLAGE BAY LAKE:*

Village Bay Lake is the primary access point for the lake chain. Much of its shoreline is held as privately owned or leased recreational lots. Activities are predominantly cottage-oriented. The planning process has identified concerns about sanitation, water pollution, motorboats, the boat launch, trespass and noise levels, particularly during the summer. These concerns are not within the jurisdiction of the Ministry of Forests on Village Bay Lake. Input received on these issues will be forwarded to the appropriate regulatory agencies for their consideration. The key objective is to accommodate existing use levels.

The Ministry of Transportation and Highways has agreed to manage the public access point at the bridge.

ADOPTED MEASURES:

- casual day use will be accommodated on provincial forest areas.

3.72 *MINE LAKE:*

Mine Lake has the following attributes: it is the secondary access point for the lake chain, it is the location of Camp Homewood, it receives moderate levels of day use and low levels of overnight use.

The key objectives are to accommodate existing use levels and recreational experience by addressing the following concerns:

- The public use/road access area is a potential public health hazard due to concentrated use with no sanitary facilities.

- The site is being degraded with vehicular traffic and a fire hazard exists due to fires being built in unsuitable locations.

***ADOPTED MEASURES*:**

- Develop a Ministry of Forests Recreation site to accommodate existing use on the public use area including designated fire pits, an outhouse constructed to the Ministry of Forests' standards and gravel to repair existing damage;

- Fireproof existing use areas on the islands;

- Monitor use levels, and

- Replace existing unsafe wharf, keeping its size to a minimum.

3.73 *MAIN LAKE:*

Main Lake currently receives moderate levels of recreational use. There is currently dispersed overnight use at a variety of sites, most of which are within TFL 47. The shoreline of the takeback area is generally of northerly aspect and deep water close to shore. The sandy beach receives high levels of day and overnight use.

The management objective is to accommodate existing use levels and the existing recreational experience.

***ADOPTED MEASURES*:**

- Protection of dispersed use sites through recreation reserve status. This designation will emphasize the current use and reserve it for recreation;

- Maintenance of camping sites in cooperation with Fletcher Challenge Canada;

- No change to accessibility;

- Monitor use levels.

3.74 *STRAMBERG LAKE:*

Stramberg Lake currently receives low levels of use for camping, fishing and hunting. There is private land with a small cabin on the west side of the lake.

The objective is to accommodate current recreational use levels.

***ADOPTED MEASURE*:**

- monitor use and impacts.

3.75 *LAND-BASED RECREATION:*

The majority of the takeback area receives low levels of dispersed recreational use. Known recreational features are documented in Appendix 3.

The key objective is to accommodate the existing recreational experience.

ADOPTED MEASURES:

- Harvesting and silviculture plans will be subject to limitations to protect recreation features and experience.

- All commercial recreation proposals will be evaluated by the Ministry of Forests and other regulatory agencies in accordance with consultation and liaison adopted measures and other objectives of this plan.

- All trail development must be approved by the Ministry of Forests. All proposals will be evaluated in accordance with the consultation and liaison adopted measures.

- Where necessary, access created for harvesting or enhancement purposes will be controlled if deemed to have an unacceptable impact on recreational experiences.

3.8 *ACCESS MANAGEMENT OBJECTIVES:*

3.81 *SAFETY OBJECTIVES:*

Concerns about the safety of logging and residential traffic on many Quadra Island roads were raised during the public involvement process.

Field review of several roads by Ministry of Forests' engineering staff indicates that several areas require road straightening and widening to provide safe passing width.

A key objective will be to ensure that transport of forest products is conducted in a safe manner.

ADOPTED MEASURES:

- Access development north of Bold Point will feed into the Surge Narrows road. This will direct traffic away from the Bold Point community and avoid the narrow Bold Point Road;

- The Ministry of Forests will coordinate its efforts with the Ministry of Transportation and Highways to

ensure that public highways are of a suitable standard for both logging and residential traffic;

- All Ministry of Forests Roads will be constructed and maintained to appropriate safety standards;

- Adequate signing will be placed in areas of harvesting activity;

- No hauling will occur on roads until all safety concerns are addressed to required standards;

- All potential small business loggers will be advised of community safety concerns in writing prior to bidding on timber sales, and

- The Ministry of Forests will work with local residents, the Ministry of Transportation and Highways and the RCMP to ensure that transport of forest products is conducted in a safe manner.

3.82 *ACCESS DEVELOPMENT:*

The key access development objective is to ensure that road and trail systems are developed, maintained and controlled to complement other management objectives of this plan.

ADOPTED MEASURES:

- All road and trail proposals will be evaluated to ensure that they complement other management objectives;

- All road and trail construction will be conducted to high standards to ensure that they are environmentally benign;

- Limits to access will be used as necessary as a tool to achieve other management objectives stated in this plan, and

3.9 *FIRE PROTECTION OBJECTIVES:*

The fire protection objective is to limit losses due to fire to an absolute minimum. This will be achieved through a combination of prevention and aggressive response to fire.

ADOPTED MEASURES:

- All known dispersed recreational use areas will be fireproofed as necessary to reduce hazard;

- The issue of a unique fire management unit for Quadra will be evaluated early in the term of this plan;

- A minimum of one fire tool cache will be maintained on Quadra Island;

- Fire wardens will be retained with routine fire patrols where fire hazard indicates need;

- Ongoing liaison will be maintained with local fire departments to ensure coordination of efforts;
- All fire prevention regulations will be monitored and enforced;

- Fire hazard will be monitored and forest activities will be restricted as appropriate;

- A fire hazard rating sign will be installed to increase awareness of changing forest fire hazards, and additional signs will be placed in consultation with the QIFRC; and

- Prompt action will be taken on all fires with the goal of extinguishing prior to 10:00 a.m. of the following day.

3.10 *WATER MANAGEMENT OBJECTIVES*

There are two issues that relate to the management of water in the Village Bay Lakes watershed. Many water users are concerned that forest management activities had the potential to degrade water quality as it related to domestic and commercial use. The other issue is that of effect on fish. Fisheries issues are dealt with in more detail in the fisheries section.

There are two water management objectives:

1) Ensure that forest management protects water flow regimes and water quality in streams; and

2) To ensure that no adverse effects on domestic water supplies occurs.

***ADOPTED MEASURES*:**

- All management activities will be evaluated in accordance with the adopted measures for consultation and liaison to ensure that no unacceptable effects on water quantity, quality or timing of flow occurs; and

- Domestic watersheds will be managed for water as the primary emphasis with other uses to be subordinate.

- Any concerns regarding possible impacts of management activities on water quality will be investigated promptly by the Ministry of Forests.

4.0 *PLAN IMPLEMENTATION*

This plan will be implemented by the Ministry of Forests in consultation and cooperation with all relevant agencies of the Crown, the QIFRC and other interested members of the public.

All proposed management activities within the scope of this plan will be referred to relevant agencies, the QIFRC and members of the general public for review and comment on an annual basis.

All activities will be conducted in accordance with this plan. Monitoring of compliance will be conducted by Ministry of Forests staff and other resource management agencies.

This plan will be subject to an annual public review to ensure that it is being implemented appropriately and to ensure that all major concerns and issues have been addressed.

APPENDIX 1

Membership of the Quadra Island Forest Resources Committee:

1. Regional District of Comox-Strathcona
2. Q.I. Salmonid Enhancement Society
3. Ratepayers Association
4. Q.I. Independent Loggers Association
5. Mittlenatch Field Naturalist Society
6. Chinese Mountains Preservation Society
7. Trails Committee
8. Q.I. Recreation Society
9. Village Bay Lakes Park Committee
10. Q.I. Conservancy Society

The Village Bay Lake Cottagers Association has been consulted in the preparation of this plan and will continue to be consulted in accordance with the consultation and liaison adopted measures.