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Management Activities for 1994 and Early 1995  
in the Scotia-Fundy Region

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<sup>1</sup>La présente série documente les bases scientifiques des évaluations des ressources halieutiques sur la côte atlantique du Canada. Elle traite des problèmes courants selon les échéanciers dictés. Les documents qu'elle contient ne doivent pas être considérés comme des énoncés définitifs sur les sujets traités, mais plutôt comme des rapports d'étape sur les études en cours.

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### Abstract

Recommended TACs for 1994 were approximately 60% lower than the initial TACs set for 1993. Specifically, for the Scotian Shelf the Fisheries Resource Conservation Council recommended that there be no directed fishery for cod on the eastern Scotian Shelf (4Vn, 4VsW), and reduced TACs for both cod and haddock in southwest Nova (4X). Other recommendations concerned the protection of small fish, minimizing bycatches to permit other fisheries to continue and actions to avoid the redirection of effort onto other stocks. In order to implement these conservation requirements, Harvesting plans were again required for all fleet sectors prior to beginning fishing for 1994. Although dockside monitoring was still not a requirement for the fixed gear fleet, a catch reporting program, funded by DFO, was put in place for a portion of the fleet. For 1995, all licence holders are required to arrange for a DFO approved catch reporting company to receive their hauls and handle data entry, at their cost. For 1995 conservation elements covered by the Conservation and Harvesting plans were standardized for all fleet sectors and, as far as possible, were applied on an Atlantic-wide basis. DFO announced that they were not enforcing any trip limits in 1995 and that licence conditions would only be issued once a year while variation orders would be used to open and close fisheries.

### Résumé

Les TAC recommandés pour 1994 étaient de 60% environ inférieurs aux premiers TAC imposés pour 1993. Ainsi, pour le plateau néo-écossais, le Conseil pour la conservation des ressources halieutiques a recommandé l'interdiction de la pêche sélective de la morue dans la partie est (4Vn, 4VsW) et une réduction des TAC de la morue et de l'aiglefin dans la partie sud-ouest de la Nouvelle-Écosse (4X). Les autres recommandations avaient trait à la protection des poissons de petite taille, à la réduction des prises accessoires afin de permettre la poursuite d'autres pêches et à la prise de mesures visant à éviter la réorientation de l'effort vers d'autres stocks. Afin d'assurer l'application de ces mesures, il a encore été demandé à tous les secteurs d'engins de présenter des plans de récolte avant le début de la pêche de 1994. Le contrôle à quai des prises n'était pas encore imposé à la flottille à engins fixes, mais un programme de déclaration des prises, financé par le MPO, a été mis en place pour une partie de la flottille. En 1995, tous les titulaires de permis seront tenus de prendre des dispositions avec une société de déclaration des prises autorisée par le MPO qui recevra leurs rapports radio et se chargera de la capture des données, aux frais des titulaires. Les éléments relatifs à la conservation des plans de conservation et de récolte ont aussi été normalisés pour tous les secteurs des flottilles et, dans la mesure du possible, ont été appliqués à la grandeur de l'Atlantique. Le MPO a annoncé qu'il n'imposerait pas de limites par sortie en 1995 et que les conditions liées aux permis ne seraient fixées qu'un fois par année, les pêches étant ouvertes ou fermées par décrets.

## Management Activities for 1994 and Early 1995 (Scotia-Fundy Region)

### Introduction

On November 29, 1993, the Fisheries Resource Conservation Council (FRCC) released its report to the Minister of Fisheries and Oceans on the 1994 conservation requirements for Atlantic groundfish. In aggregate, the recommended TACs for 1994 were approximately 60% lower than the initial TACs set for 1993. Specifically, for the Scotian Shelf, the Council recommended that there be no directed fishery for cod on the Eastern Scotian Shelf (4Vn, 4VsW) and reduced TACs for both cod and haddock in Southwest Nova (4X).

Other recommendations concerned the protection of small fish, minimizing bycatches to permit other fisheries to continue and actions to avoid the redirection of effort onto other stocks. In order to implement these conservation requirements, Harvesting plans were again required for all fleet sectors, prior to beginning fishing for 1994. Annand and Hansen 1994, gives the details of the management measures in place for the early 1994 fishery.

Table 1 shows the 1994 quotas and landings for groundfish fished in 4VWX+5 and Appendix A contains the detailed trip limit status for all fleets for 1994.

### ITQ Fleet Management

The 1994 Conservation and Harvesting Plans (CHPs), were similar to 1993 in terms of small fish protocols, mandatory landings, dockside monitoring, etc. Some specific provisions for the ITQ fleet included:

- 1) No directed groundfish fishery in 4Vn January 1 to April 30;
- 2) No redfish fishery in 4VW January 1 to April 30;
- 3) After April 30 bycatch limits were set at 5% each of cod and haddock while fishing redfish, with an annual cap equal to 2% maximum of up to a maximum of 2 t per trip;
- 4) In the 4X redfish fishery, bycatch of other groundfish was limited to 10% due to the use of small mesh and all quota species caught were counted against ITQs;
- 5) No directed pollock fishery was permitted in 4Vn in 1994 and the pollock fishery was closed in 4VsW May to October 31 with the bycatch of cod and haddock combined, capped at 10% of the amount of pollock caught. A 2 t maximum each of cod and haddock was authorized per trip; and,
- 6) No flatfish fishery was permitted in 4Vn January to April 30. Fishing for flatfish was permitted in 4Vn and 4VW beginning May 1. Bycatch each of cod and haddock was set at 2% of the flatfish catch to a maximum 2 t per trip.

Mesh sizes for 1994 included 130 square for directed cod, haddock and pollock trips, 155 square for directed flatfish trips in 4VW, except 145 diamond for seiners in 4Vn and 90 mm for redfish.

Small fish protocols were applied as in 1993, although minimum size regulations were also developed for American plaice - 33 cm (13") and yellowtail - 30.5 cm (12") in 1994 but not strictly applied. Minimum fish sizes for other species included; 43 cm for CHP (cod, haddock, pollock) in 4VWX+5; 41 cm for CHP in 4Vn and 81 cm for halibut in 4VWX+3NOPs. ...

4Vsb was closed to all gear sectors January 1 to April 30.

The 4W (all year), Browns Bank (February 1-June 15) and Georges Bank (January-May 31) nursery/spawning closures were continued.

A proposal by the ITQ committee to increase maximum individual quota holdings to 2% or 600 t (whichever was less) was approved. At the 2% level the limit for 1994 was 250 t. Industry wanted the level to stay at the initial 1991 amount, e.g. 2% was equal to approximately 600 t at 1991 quota levels. Pooling of ITQs was not allowed, as the pooling agreement as set forth by the Committee did not constitute a legal requirement and there was concern that sanctions would be difficult to impose under that type of an arrangement.

### **Changes in Flounder Management**

The TAC for 4VWX flounder was reduced from 14,000 to 10,000 based on average catch over recent years and the feeling by Industry that the TAC recommended by the FRCC was too high. As well, science and industry supported the creation of an eastern (4VW) and a western (4X) component and the inclusion of winter flounder under the quota in 4X. As these actions significantly altered the previous management of the 4VWX flounder stocks, a review of the fleet sector shares was initiated. In the interim the fleet operated on a competitive quota cap until March 31, 1994, which was based on their 1991-1993 catch average from January to March 31. The ITQ fleet held the position that the TAC be divided among the different fleet sectors based on catch history (due to their dependence on the fishery since 1986), while the offshore insisted that traditional quota shares be maintained.

After the fleet sector review, the traditional sharing formula (established in the groundfish Management Plan for the 4VWX quota) was upheld and applied to the area quotas for the original three species, i.e. plaice, witch and yellowtail (PWY) (51% offshore and 49% inshore) in each area. This excluded winter flounder as it had not previously been under quota management. As this species had historically been fished only by the inshore in 4X the entire amount was allocated to the inshore fleets. Thus, the Scotian Shelf TAC was composed of 7,000 t of plaice, witch and yellowtail and a 3,000 t 4X winter flounder quota (based on catch history) totalling 10,000 t for 4VWX. This was then further divided, using catch history, into the 5,500 t in 4VW consisting of PWY and the remaining 4,500 t for 4X consisted of 1,500 t PWY and

3,000 t of winter flounder. The 1,500 t in 4X of PWY was allocated using traditional shares. The remaining 3,000 t was allocated only to the inshore. Only traditional shares were used to allocate the 5,500 t in 4VW for all fleet sectors. Winter flounder is not fished to any great extent in 4VW and was not put under quota in 1994.

The new quotas in each area for the ITQ fleet were 3,614 t in 4X and 2,088 t in 4VW. Due to sector overlap privileges 162 t of quota was set aside for <65' Gulf, Quebec and Newfoundland vessels.

ITQ licence holders were advised that any catch after April 1 would be counted against ITQs when implemented. The total 4VW flounder quota for mobile gear <65' was caught before August 1 and no ITQs were established in 1994. ITQs for flatfish were implemented in August 1994 in 4X, and ENS ITQ licence holders were given the option to choose an ITQ system or a competitive fishery for flounder in 1995.

With the late implementation of ITQs in 4X, overruns of flounder incurred as of August 18, 1994 were forgiven. While overruns were not sanctioned against 1995 quotas, ITQs licence holders had to acquire more quota if they wished to continue fishing in 1994. Only 90% of the quota was allocated in 1994 with the remainder set aside for later appeals. Grounds for appeal in 1995 included a) Review of catch history; and, b) Appeals due to special circumstances.

The 4VWX+5 halibut fishery was closed to mobile gear <65' effective August 22, 1994, after the entire quota of 39 t was exceeded. Licence conditions were amended requiring the fleet to discard all Atlantic halibut regardless of size after the quota had been caught. The only other alternative was to stop fishing altogether, but given the low halibut quota this option was not considered.

#### 4X

Small redfish occurred during the 1994 fishery and a temporary closure was put in place in 4X, effective May 4. Industry members were advised that the closure would remain in effect until they submitted a harvesting plan specifically to avoid small redfish in 4X. A small fish protocol was developed by the ITQ fleet and a test fishery initiated. Based on the results of the test fishery the redfish fishery was reopened (May 18) with two areas remaining closed (Western Ridge and Test area 9) until June 23. There were no trip limits set for unit 3 redfish; however, bycatch was limited to a 10% combined amount of other groundfish species if gear less than 130 mm square was being used. The 1993 closed areas were continued (Annand and Hansen, 1994). Crowell Basin was noted as an area where mobile gear vessels were directing for redfish and catching higher bycatch levels of white hake than 10%.

Unit 3 redfish was closed to mobile gear <65' as of August 31, leaving 250 t of quota remaining to be used as a bycatch in other fisheries. In November, with 153 t of quota remaining, the ITQ fleet asked for a limited directed fishery for 100 t. The fishery was opened on November 5;

however, large mesh (130 mm square) was mandatory but no one chose to fish.

In September 1994 ITQ representatives contacted DFO and requested the closure of the spawn tow area (German Bank) in 4X due to the abundance of haddock. The fleet, fishing for flounder feeding on herring roe were catching more haddock bycatch than they had quota for so haddock were discarded. The area had been closed in 1993 for the same reason. The area was closed September 29. The fishery was later reopened (October 21) after a test fishery, and then closed again October 31 due to reports of more haddock discarding.

### **Georges Bank**

The Georges Bank fishery opened on June 1 to all sectors less than 65' with a reduced TAC of 6,000 t for cod and 3,000 t for haddock. Mesh size was 130 mm square or 155 mm diamond with emphasis on avoiding the catch of the 1992 yearclass of 5Z haddock. Science indicated that the average size of the 1992 yearclass of haddock would be 45 cm until September 30. The small fish protocol format was adapted to protect the 1992 yearclass using 45 cm rather than 43 cm.

A July 1 start on Georges Bank had been considered as the USA fishery remained closed until July 1. The extended closure for larger vessels coincided with the USA opening where only vessels >65' fished on Georges. It was originally proposed to close the directed haddock fishery on October 15 as the 1992 yearclass would be recruiting. This was objected to by the fleet citing markets and the ITQ concept which allows individuals to choose the most opportune time to fish their quota.

The ITQ fleet's expanded yellowtail flounder fishery on Georges Bank landed more than 1,100 t during the 1994 fishery compared to 400 t in 1993. The fishery was closed on October 20, and a harvesting plan was requested for the 1995 fishery. Some 40 vessels were involved compared to 8 or so the year before.

### **Eastern Nova Scotia (ENS)**

Originally the mesh size for MG <65 fishing for flounder in ENS was restricted to 155 mm square or 145 diamond for seiners. This was put forward in order to reduce the catch of small flounder and to eliminate the bycatch of cod and haddock which remained under moratoria. Initially the ITQ fleet requested a change to 145 (similar to 4T) mm square because they felt that 145 mm would provide sufficient escapement of small fish yet provide better catch rates.

This request was withdrawn after DFO received approval because the decrease in mesh size would have resulted in lower prices due to an increase in the numbers of small fish. The 155 mm square mesh fishery resulted in 5% or less small flatfish and processors paid higher prices with the low percentage of small fish.

Licence conditions were available for ITQ vessels to fish redfish in unit 2 as of mid-June. This allowed them to fish both 4Vn and 4Vs on any one trip.

ITQ vessels started directing for skate early in 1994. Initially one vessel pursued the species starting in March but by July ten or more vessels were involved and DFO received numerous calls from others interested in starting. Concerns were expressed regarding the increased mortality on cod and haddock, as well as the overall effect on the skate population. Science reviewed the available data and a precautionary TAC was recommended in 4VsW at 1,200 t. It was decided that in order control the fishery and prevent overfishing of skate, it be closed and treated as developmental fishery. ITQ licence conditions were amended to prohibit directing for skate and allowing only a 10% skate bycatch. Special licence conditions were then required for those directing for skate which included use of 10" mesh to minimize the additional mortality on cod and haddock. By the time the fishery was actually closed the TAC had been exceeded. The ITQ Committee was informed that alternative approaches for directing for skate had to be developed. Industry members submitted a proposal to conduct science surveys as well as to collect biological information from their commercial trips as a Science component of their harvesting plans. Four vessels were selected from the ITQ fleet, each vessel with a 200 t quota to accommodate the Science protocol.

After the flounder fishery closed in 4VW, some Eastern Nova ITQ vessels fished flatfish under TVRPs (Temporary Vessel Replacement Plan) for the Offshore. They caught 253 t of the 410 t Offshore fleet sector catch.

### **Fixed Gear <65 Management**

#### **Southwest Nova (4X)**

In 1994 the Fixed Gear sector was required to develop a harvesting plan that ensured their quotas would not be exceeded as DFO had removed the 3,300 lb trip limit (permitted when the quota was exceeded) in place prior to 1993. Lack of consensus in developing this plan resulted in a delayed and limited fishery for the winter. The fishery actually started on January 27. The limiting quota for fixed gear in 1994 was 4X haddock and their whole Management Plan was designed around this species.

Reviewing the early months of 1994, the fixed gear haddock quota in Division 4X was 2,205 t. This limit was higher than their historic quota share as this included a disproportionate increase at the sake of mobile gear quotas under a TAC of 4,500. The historic fixed gear share would have otherwise been 1,506. The quota was divided into three quota periods.

- January 1 to May 31 - 700 t;
- June 1 to September 30 - 1200 t; and,
- October 1 to December 31 - 305 t .

The formation of A and B quota groups, trip limits and gear categories (A1-A10) (Table 2) were also used to manage the 1994 fishery. For each seasonal quota, fishers chose either the low bycatch fishery Group A (1000 vessels) or elected to fish higher haddock trips (fewer trips) in Group B (200) vessels. For the June to September quota period one trip limit was chosen with no changes during the quota period. The catch was monitored over the summer and reviewed when 75% of the Group B quota was taken. In August new licence conditions were issued changing trip limits for Group A vessels fishing in 4X (Table 3). When over 83% of the quota was taken, 100 t of quota was transferred from Group A. It was hoped that this extra quota would allow Group B to fish until September 30; however, the summer fishery for Group B was closed September 15, 1994. Reports were received of both discarding and small haddock. The overrun in the summer fishery amounted to 109 t which was removed from the 305 t fall quota. The remaining fall quota was then divided into two 75 t amounts for October and November. This resulted in a closure on October 17. To ensure that parts of the fleet requiring very little haddock would have a fall fishery, Group C was established which included ENS longliners and SWNS handliners with a separate quota of 45 t. Any quota remaining in Group A after November 15 (small vessels were generally finished fishing) was transferred to Group A, provided a 5-10 t reserve remained for the final days of the Group A fishery. Group B was closed November 8 when the quota was reached. In December 35 t was transferred from Group C and the fishery was opened for 1 trip. The entire fixed gear fishery closed on December 11.

In summary the fleet was intended to divide into groups that fished for haddock and those who could catch other species without catching high amounts of haddock. There were no trip limits or seasonal quotas on cod or pollock. The gillnet fleet who directed for pollock chose Group A, which permitted 200 lbs of haddock per trip, as did the handliners who could control the amount caught. Smaller longliners also chose this group and this resulted in high discards at times. The larger longliners chose group B which allowed higher haddock limits but fewer trips. The haddock limits on many occasions proved to be too low and reports of discards continued as fishers wanted to catch as much as possible of other species.

Dockside monitoring was not a requirement for this fleet in 1994; however, a catch reporting program was put in place for some vessels with DFO funds, handled through the Barrington Passage Monitoring Association. Group A vessels were not required to report hauls and submit logs while Group B hailed to the centre, who were also responsible for entering their catch into the catch effort system.

Although the Group B vessels submitted logs, only the landed weight information (catch) was entered into the DFO catch effort system. Therefore, the only effort information available for this fleet was at the trip level. Date sailed was recorded on the trip log but not the weekly log. So although the information was available for vessels choosing the trip log, which allowed calculation of days fished, this was not possible as the log portion of the slip was never entered into the statistics system. Other vessels not reporting to Barrington Passage continued to fill in the old logs and purchase slips. However these logs were not entered into the system either. The only logs entered were the new logs (1991) developed for the 45'-65' fixed gear fleet, and for 1994, filling in that log appeared to be by choice. New logs have been developed for 1995



(Tables 4, 5). Although the weekly log used by a large portion of the fleet will still not provide any effort or positional information, the trip log to be filled out by a smaller portion of the fleet (generally larger vessels) will contain effort and positional information and will be entered. Effort will be in the form of hooks, nets, etc., as well as trip and days at sea.

In the spring, on several occasions the fixed gear fishery in 4X was closed due to the presence of small fish in excess of the limits in the small fish protocol. The small fish protocol in 4X for fixed gear <65' was changed in the spring and applied over a three week period, rather than the previous one week period, in an attempt to average landings and prevent short notice closures. Use of a larger hook size (#12) was not mandatory for 1994 but was scheduled to be implemented for the 1995 fishery.

The Fixed gear fleet requested that a spawning closure (Northern Point of La Have- Starvation Point) be put in place for pollock for the fall (October 15-December 31). The request not approved based on information from Science and input from the other fleets. Science felt that a single bank closure was insufficient and a more detailed review of all areas was needed before any spawning/nursery area was implemented for pollock. The mobile fleet sector felt that the closure was not required as long as the small fish protocol remained in place and was enforced.

Reduced amounts of gillnets (1050 fathom maximum) were required for the New Brunswick side of the mid-Bay Scallop line. Other areas including Georges Bank were restricted to a maximum 2400 fathom length. Gillnet licensing policy was discussed during the year but no unanimous position was reached. While the number of gear conflicts reported to DFO in 1994 had reduced, other fleet sectors continued to complain about the increased effort by gillnets. The area of concern was the Bay of Fundy as it appeared that effort had shifted from the east into this area. A gillnet working group was formed to look at and resolve gillnet issues.

### Georges Bank

The Georges Bank fishery opened on June 1. A minimum mesh size of 6" was required for gillnets. A trip limit of 4500 kgs was established for haddock, no trip limit was set for cod.

There was also a requirement to choose to fish either 5Z or 4X during June 1 to September 30. Anyone choosing 5Z was not eligible to fish in 4X until October 1, 1994, and vice versa. This was done in order to spread out the effort between the two areas. Approximately 80 4X based vessels chose to fish Georges Bank rather than 4X.

Georges Bank was closed to fixed gear on September 16 due to a lack of haddock quota. A transfer of 100 t of haddock for 150 t of cod was arranged with the ITQ fleet, although not all licence holders were in favour of such transfers. The fishery reopened for one week and then was closed again. The fixed gear fleet on Georges did not catch its full allocation of cod due to the lack of haddock.

**4VW**

The fishery in 4VsW continued with a cod and haddock bycatch each limited to 10% or 500 lbs in 4VsW, whichever was greater. The 4Vn fishing season May 1 to November 30 included a bycatch limit of 200 lbs or 10% when fishing for other species. The 500 lb and 200 lb amounts of cod rather than a strict 10% limit were intended to provide greater flexibility in the fishery but were not to be considered as a trip limit. If directed fishing occurred the fishery would be closed.

Fishers were required to land more other species (non cod/haddock) to prevent a directed fishery. Industry could not land 500/200 lbs of cod and haddock and nothing else. At all times their non-cod and haddock landings must be at least 51%.

The fixed gear fishermen in 4Vn continued to seek a small directed fishery for cod, claiming that the offshore caught enough cod as a bycatch in their redfish fishery to provide a limited viable fishery for the fixed gear vessels in that area.

A sentinel fishery was established in 4Vn. The fish caught under the sentinel fishery was permitted to be sold to support the project which included science surveys in the area by longline vessels. Other revenues were provided by DFO, HRD and TAGS funding.

**Generalist Management****4X**

Full dockside monitoring (DMP) was not required for the generalist fleet during 1994. This fleet was permitted to have their fish weighed 50% of the time, providing the hails were accurate. However, regardless of whether a dockside monitor was present or not, all fish were to be accurately weighed and the weights recorded on the log weighout slip. This was done upon Industry request in order to minimize cost to vessel operators who routinely land small catches. Hails were required to be within 10% of the actual weight at least 4 out of 5 times. Less than half of the vessels were able to hail accurately based on the criteria established and those who were unsuccessful had to comply with 100% DMP.

A series of trip limits were developed by the generalist fleet to allow full quota usage over the year. In August cod limits were reduced from 2500 lbs to 1200 lbs cod while haddock and pollock remained at the previous 2500 lb and 5000 lb trip limits.

## **Offshore Fleet Sector management**

### **4VWX+5**

Harvesting plans for 1994 required the continuation of the following:

- Dockside Monitoring program;
- Small fish Protocol and bycatch closures for a minimum of 10 days, prior to retesting;
- Small fish provisions for CHP, 43 cm in 4VsW, 4X, 5; and 41 cm elsewhere; 81 cm for Atlantic halibut, 15% by number allowed;
- Gear restrictions, 90 mm for redfish in unit 2 or 3 and 155 mm diamond or equivalent square mesh (130) for other species and areas;
- Bycatch provisions of cod, 2% overall cap when directing for redfish in unit 2 or 3 (excluding 4X), up to 5% daily in 4VW. This limit was later changed to allow 5% bycatch of cod on a weekly basis while maintaining the 2% overall limit. 10% maximum bycatch of other groundfish combined when fishing for redfish in 4X with mesh <130 mm square, 10% weekly bycatch of cod and haddock combined, to a trip maximum of 5 t, when directing for 4VW pollock. 5% weekly bycatch for each of cod and haddock to a trip maximum of 2 t with a 2% overall cap on each of cod and haddock in the 4VW flatfish fishery. There were a series of closures as noted in Appendix A. The closures included small pollock in Test Area 1 (Figure 2) and excessive bycatch of cod when directing for pollock in 4VsW. Closures were also implemented for the redfish fishery but very few compared to 1993. Appendix A shows the closures implemented in 1994.

Seasonal and spawning closures were continued for the offshore for Browns Bank, Georges and the 4W nursery area.

Georges Bank remained closed to the offshore sector until July 1, 1994. A minimum size of 45 cm for Georges Bank haddock was established to protect the 1992 yearclass. The amount of small haddock became a problem in the fall for the offshore sector as the yearclass recruited to the fishery. The fishery was closed October 11 due to catches of small haddock above the 15% limit while fishing pollock on Georges with 155 diamond mesh. Prior to the closure some of the offshore was using both 130 mm square and 155 diamond mesh. The number of small haddock was significantly lower when using 130 mm square gear. Also, the ITQ fleet who used 130 mm square mesh did not encounter small haddock. The fishery was later reopened to the offshore; however, the use of 130 square mesh was mandatory for all mobile gear >65'. Small haddock did not reappear in quantities >15% once the use of square mesh became mandatory.

In 1994 the offshore left 8,000 t of pollock quota in the water.

## **Recreational Fishery Management**

Bag limits were put in place for the recreational fishery on June 23. A daily bag limit of 10

groundfish, with no more than one halibut, and a fishing season from June 24 to October 30 was permitted.

### Early 1995 Management Activities

Conservation elements covered by the 1995 CHP's were standardized for all fleet sectors and as far as possible were applied on an Atlantic wide basis.

For 1995, generally bycatch provisions were rolled over from 1994. The 1994 small fish protocol was used in the 1995 fishery. However during 1995, although small fish and bycatch closures were still in place for a minimum of 10 days, DFO only conducted test fisheries every 30 days rather than the 10 day time frame used in 1994 using DFO funding for an observer. Industry wishing to conduct test fisheries prior to the 30 day period (e.g. after 10 days) do so at their own expense.

Those fleets that were under dockside in 1994 continued in 1995 and other sectors, i.e. fixed gear <65' had to consider some form of industry funded monitoring as part of their 1995 CHP's.

In discussing management measures for 1995 DFO announced that it would not be enforcing any trip limits in 1995 other than dealing with restrictive bycatch levels in areas under moratorium. DFO would close areas upon request by a gear sector.

It was also decided to issue licence conditions once a year from Halifax or through the regional licensing centers only, in order to free up fisheries officers for enforcement duties. Openings and closures are to be handled through the use of variation orders.

### ITQ Management

The ITQ fleet management in 1995 was similar to the CHP followed for 1994. However, DFO imposed a 10% bycatch limit on all non quota species, i.e. monkfish, cusk, hake etc., pending requests and justifications by the fleet for other bycatch amounts or proposals for limited directed fisheries. Some discarding of monkfish was observed during the winter grey sole fishery. The ITQ Committee requested more than 10% for all species, with the exception of cusk. The 10% restriction remained in place until March 10 when revised bycatch levels were approved. The adjusted bycatch levels were as follows:

- Catfish - 10% all year except 30% bycatch in 4X from April to June 30, 1995.
- White hake - No increase for small mesh redfish fishery, except 30% between September and November.
- Skate - 10% all year except 20% in 4X until May 31. In 4VsW, when using 155 mm square mesh, 20% bycatch allowed based on the amount of flounder on board. As well, a directed fishery for skate under a science protocol

was also approved.

- Monkfish
- Bycatch was increased to 20% for the time being pending further discussion, including the option to conduct a directed fishery under a science proposal.

Licence conditions were amended to reflect the adjusted bycatch limits. Discussions are currently underway within DFO to develop policies on how to deal with non-traditional and newly emerging fisheries.

Some members of the ITQ Committee are requesting that redfish be included under ITQ management for 1996.

### Generalists Management

Only those generalists who were able to hail within the tolerance established for the 1994 fishery remain on the 50% weight out system for 1995. For 1995 generalists can again choose to remain generalist or go into the ITQ program. Decisions must be made prior to March 31. Several generalists have taken this option.

### Fixed Gear <65' Management

#### 4X

Fixed gear <65' fished January 1995 under an interim fishing plan in order to allow them time to develop their longer term CHP. This approach was taken in order to allow the 150 or so longliners who traditionally harvest cod and haddock in January to fish. The fishery opened on January 9, 1995, with a quota of 300 t of haddock and 400 t of cod. Industry implemented their own trip limits of 9,000 lbs for 1 trip per week, or two trips of 4,500 lbs. All catches recorded during the January period would be subtracted from the appropriate quota group once a CHP has been developed.

An interim halibut fishing plan was also developed to allow a directed halibut fishery in 4VsW for 13 t during the month of January for all fixed gear <65'. Catch exceeded the quota as 41 t was caught primarily by the 45-65' fleet. All catches were accounted for in the appropriate quota category.

It was hoped to have CHP's prepared and have the fixed gear fleet fishing by early in February. A series of meetings were held through January and February with the Fixed Gear Committee to develop a plan that was acceptable to the fleet; but consensus was not reached until mid-March. There were many changes in 1995 compared to how the fixed gear fishery was conducted in previous years. The major changes included new quota groups and monitoring requirements.

The five quota groups for 4X are as follows: (4VsW is still under moratorium conditions for 1995.)

1. all vessels 45-65' (no option);
2. all vessels <45' registered in Eastern Nova Scotia (Sambro and all areas east);
3. handliners <45';
4. gillnetters <45'; and,
5. longliners <45'.

Fishers were required to choose only one of the above quota groups to fish in 4X for 1995.

The 45-65' vessel owners were assigned to this group based on their vessel size. The less than 45' vessels chose to fish in one of the remaining groups, based on their preference for the details contained in each plan (i.e., quota, start date, seasons, trip limits etc.). The gillnet group was not permitted to use gillnet and longline at the same time anywhere in 4VWX for 1995. The <45' longline group was further divide into 3 groups that differed by quota, start date, seasons and industry-enforced trip limits.

All licence holders in the fixed gear sector are now required to fill in logbooks regardless of the group chosen. Two Logbooks are available: (Tables 4, 5)

1. detailed trip log
2. weekly log (designed for those who fish smaller trips each day)

The 45-65' group are required to use the trip log as are the <45' longline vessels who choose the groups with the larger trip limits. The other groups were allowed to choose the log they preferred, but anyone landing more than 2,000 lbs of groundfish was required to use the trip log. The type of log chosen also corresponds to the type of hailin method required. All licence holder are required to arrange for a DFO approved catch reporting company to receive their hails and handle the data entry at their cost. Although dockside monitoring is not required, accurate weights must be determined at dockside either through weighing or some other method. The licence holder is responsible for accurate weights if DFO spot checks a landing.

As with last year's logs, the use of the weekly log means that no positional or effort information above the trip level will be available for these vessels. However, this type of information will be processed for those using the trip logs.

Some gillnet management measures have been put in place for the 1995 fishery even though some issues remain to be resolved. These measures include:

1. registration in one of 4 zones;
2. trip fishing outside of home zone;
3. only trip fishing outside of 50 miles, continued;
4. tending every 48 hours inside 50 miles; and,

5. no gillnets in excess of 2400 fathoms.

For 1995, licence conditions will prohibit fixed gear vessels <65' from fishing or being present in 4Vs with gillnets on board.

#### **4VW**

The fixed gear fleet was divided into two sectors for 1995 when fishing in 4VsW or 4Vn: i.e. 45-65' and <45'. The plan allowed for 10% bycatch of cod and haddock while directing for cusk, hake and halibut. Licence holders in 4VsW were also required to complete logs and arrange for a catch reporting company to handle their hails and log entry.

The halibut quota was split between the 45-65' vessels and those less than 45' and licence holder in each are required to follow the CHP for their specific fleet sector. The 4Vn halibut quota for <45' vessels is 15 t for 1995. No separate quota exists for the 45-65' group. Any halibut caught in 4Vn by this sector will be deducted from the 4VsW quota as the 45-65' vessels are licenced for 4VW as a single unit, while less than 45' vessels required a change in their licence conditions when changing from 4Vn or 4VsW.

#### **Offshore Fleet Management**

The offshore is being managed much the same in 1995 as in 1994 except 130 mm square mesh is now mandatory in 4X. Mesh size in 5Z is still under discussion. Table 6, shows the test area closures to date, by species.

#### **Georges Bank**

5Z CHP's are on hold pending assessment, FRCC advice and the USA fishery. The USA closed a large part of the fishery on their side of the line on December 18, 1994, until March 18, to all vessels including scallop vessels on the USA side of the spawning area under a 90 day emergency measure. The emergency measure was extended for a further 90 days to June 18, and then closed for all of 1995 through a framework amendment process.

#### **References**

Annand, C. and J. Hansen. 1994. Management measures for 1993 and early 1994. -DFO Atlantic Fisheries Research Doc. 94/71.

Table 1: 1994 quotas and landings of groundfish for 4vwx+5 primarily for Scotia-Fundy based vessels

Stock		FG<65	MG<65	FG 65-100	MG 65-100	All>100	TOTALS
4Vn Cod (J-A)	Quota	0	0	0	0	0	0
	Catch	0	0	0	0	133	133
4Vn Cod (M-D)	Quota	0	0	0	0	0	0
	Catch	13	23	0	1	23	60
4VsW Cod	Quota	0	0	0	0	0	0
	Catch	172	14	1	11	141	339
4X,5Y Cod	Quota	7686	4251	32	277	796	13000
	Catch	8132	4209	22	206	361	12930
5Z Cod	Quota	3724	1894	56	52	274	6000
	Catch	3173	1691	64	52	245	5225
Totals All Cod	Quota	11410	6145	88	329	1070	19,000
	Catch	11490	5937	86	270	903	18,747
4VW Haddock	Quota	0	0	0	0	0	0
	Catch	42	10	0	1	33	86
4X5Y Haddock	Quota	2205	2077	19	19	180	4500
	Catch	2223	2012	0	17	160	4412
5Z Haddock	Quota	791	1439	30	30	710	3000
	Catch	784	1284	8	33	300	2409
Totals All Haddock	Quota	2996	3516	49	49	890	7500
	Catch	3049	3306	8	51	493	6907
Total 4VWX+5 Pollock	Quota	6913	5450	0	1117	10479	24000
	Catch	6849	4084	0	1063	3599	15596



Table 1 (Con't)

Stock		FG<65	MG<65	FG 65-100	MG 65-100	All>100	TOTALS
Redfish Unit II	Quota	323	2586 *	0	16	19467	25000
	Catch	31	2454	0	15	19527	24067
Redfish Unit III	Quota	0	3707	0	2673	3620	10000
	Catch	0	3569	0	919	573	5061
Total All Redfish	Quota	323	6293	0	2689	23087	35000
	catch	31	6023	0	934	20100	29128
4VW Flatfish	Quota	363	2088 *	0	79	2809	5500
	Catch	8	2272	0	18	426	2808
4X5Y Flatfish	Quota	100	3615	0	20	766	4500
	Catch	152	3025	0	5	42	3224
Totals All Flatfish	Quota	463	5703	0	99	3575	10,000
	Catch	160	5297	0	23	468	6025
4VWX+5 Halibut	Quota	792	39	295 #	5 #	244 #	1500
	Catch	815	43	115	1	16	1043

Note: Quotas and landings represented in these tables are for all vessels greater than 65' while only the quotas and landing for inshore (< 65) are included for SF vessels.

The total TAC and total landings apply to all fleet sectors.

\* SF IQ quota only (does not include Gulf-Based quotas)

# Includes 3Ps, and 3NO

Table 2. Revised fixed gear vessel class Scotia-Fundy Region (August 22, 1994).

Vessel Classes		Description
4VW+5Z	4X5Y	
A1		<45' using hooks less than #12 - longline and handline.
A2		<45' using hooks #12 - longline and handline.
A3		As of May 30, 1995, all gear types in 4W only.
A4		<45' handline only.
A5		Gillnet and handline.
A6		45'-65' using hooks less than #12 - longline and handline.
A7		45'-65' using hooks #12 - longline and handline.
A8	A8	All vessels less than 65' choosing 200 lbs. trip limit in 4X haddock, will be required to use this class. Fishers much select either gillnet and handline or longline and handline.
A9		FG <65' using #13 hook or larger - longline and handline.
A10	A10	FG <65' using #14 hook for halibut in 4VWX+5 with 10% each of cod and haddock.
	A41	300 lbs/trip.
	A42	2 trips/week of 750 lbs.
	A43	3 trips/week of 500 lbs.
	A44	1 trip/week of 1500 lbs.
	A45	1 trip/2 weeks of 3000 lbs.

Table 3. Fixed Gear &lt; 65' Trip Limits and Seasonal Quotas 1994.

Season	Group	Quota	Adjusted season	Trip Limits
Jan. 1 - May 30	A	70 t	No adjustment	200 lbs
	B	630 t	January	1 trip at 9,000 or 2 trips at 4,500 lbs
			Feb. - March 31	200 lbs
			April - May 31	600 lbs or 30%
June 1 - Sept. 30	A	180 t	No adjustment	200 lbs
	B	1020 t	June -Aug. 22	660 lbs / 3300/week or 1 trip at 3,300 2 trips at 1650 3 trips at 1100
		with 75 % quota taken	Aug. 22 - Sept. 15	300 lbs / 1500 lbs /week or 1 trip at 1,500 2 trips at 750 3 trips at 500 1 trip at 3,000/14 days
		after 83 % of the quota taken, 100 t transferred from A		
Oct. 1 -Dec. 31	A	45 t	No adjustment	200 lbs
	C	45 t	No adjustment	200 lbs
	B	305 t -109 t overrun (75 t)	Oct. 8- Oct. 17	same as late summer
		(75 t)	Nov. 1 -Nov. 8	same as late summer
		(35 t) transfer from Group C	Dec. 5 - Dec. 11	same as late summer

\* Fixed Gear closed Dec 11 1994

Table 4.

## WEEKLY FIXED GEAR CATCH MONITORING REPORT

NAFO AREA: \_\_\_\_\_ CFV#: \_\_\_\_\_ BOAT NAME: \_\_\_\_\_

PORT OF LANDING: \_\_\_\_\_ BUYER'S NAME: \_\_\_\_\_ OPERATOR: \_\_\_\_\_

GEAR TYPE: \_\_\_\_\_ GENERAL LOCATION: \_\_\_\_\_ FORM: \_\_\_\_\_

DATE	Log Cod	Landed Cod	Log Haddock	Landed Haddock	Log Pollock	Landed Pollock	Log Other	Landed Other	Log Other	Landed Other	Captain's Initials	Buyer's Initials

CAPTAIN'S SIGNATURE: \_\_\_\_\_

BUYER'S SIGNATURE: \_\_\_\_\_

CONFIRMATION #: \_\_\_\_\_

Table 5.

FISHING LOG - LONGLINE, GILLNET & HANDLINE Type of Gear										WEIGHOUT SLIP																							
LL GEAR <input type="checkbox"/>					GILLNET GEAR <input type="checkbox"/> (Indicate unit of measure)					HANDLINE <input type="checkbox"/>																							
# OF TUBS _____ HOOK SIZE _____					# NETS _____ DEPTH OF NET _____					CFV _____ Date Landed _____																							
# OF HOOKS PER TUB _____ HOOK TYPE _____					MESH SIZE _____ RIGGED LENGTH _____					NAFO Unit Area _____																							
										Vessel Name _____																							
										Gear Type _____																							
										Port Landed _____																							
										Plant Destination _____																							
										Buyer _____																							
										Shore Agent Name _____																							
										Licence # <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td><td style="width: 15px; height: 15px;"></td></tr></table>																							
DATE			SET POSITION		COO		CATCH WEIGHT (lbs.)		ROUND WEIGHT			DISCARDS SPECIFY		WEIGHT		SPECIES		GRADE		SIZE AND CONDITION		PRICE		VALUE									
SET MM/DD	HAULED MM/DD	LATITUDE/LONGITUDE	(100)	(110)	(170)	(130)	(173)	(171)	OTHER SPECIFY	DISCARDS SPECIFY	LBS <input type="checkbox"/>	KGS <input type="checkbox"/>																					

Table 6.

**SMALL FISH TEST AREAS FOR REDFISH  
STATUS AS OF JANUARY 21, 1995**

DIVISION	TEST AREA	MG < 65'	MG 65'-100'	MG > 100'	FG < 65'	FG > 65'
4V <sub>1</sub> W	1	O	O	O	O	O
	2	O	O	O	O	O
	3	O	O	O	O	O
	4	O	O	O	O	O
	5	CLOSED JANUARY 21, 1995 VARIATION ORDER 1995-010			O	O
	6	O	O	O	O	O
	7	CLOSED JANUARY 1 - APRIL 30 - ALL SPECIES				
4V <sub>a</sub>	8	CLOSED UNTIL APRIL 30 - ALL SPECIES				
4X	9	O	O	O	O	O
	10	O	O	O	O	O
	11	O	O	O	O	O
	12	O	O	O	O	O

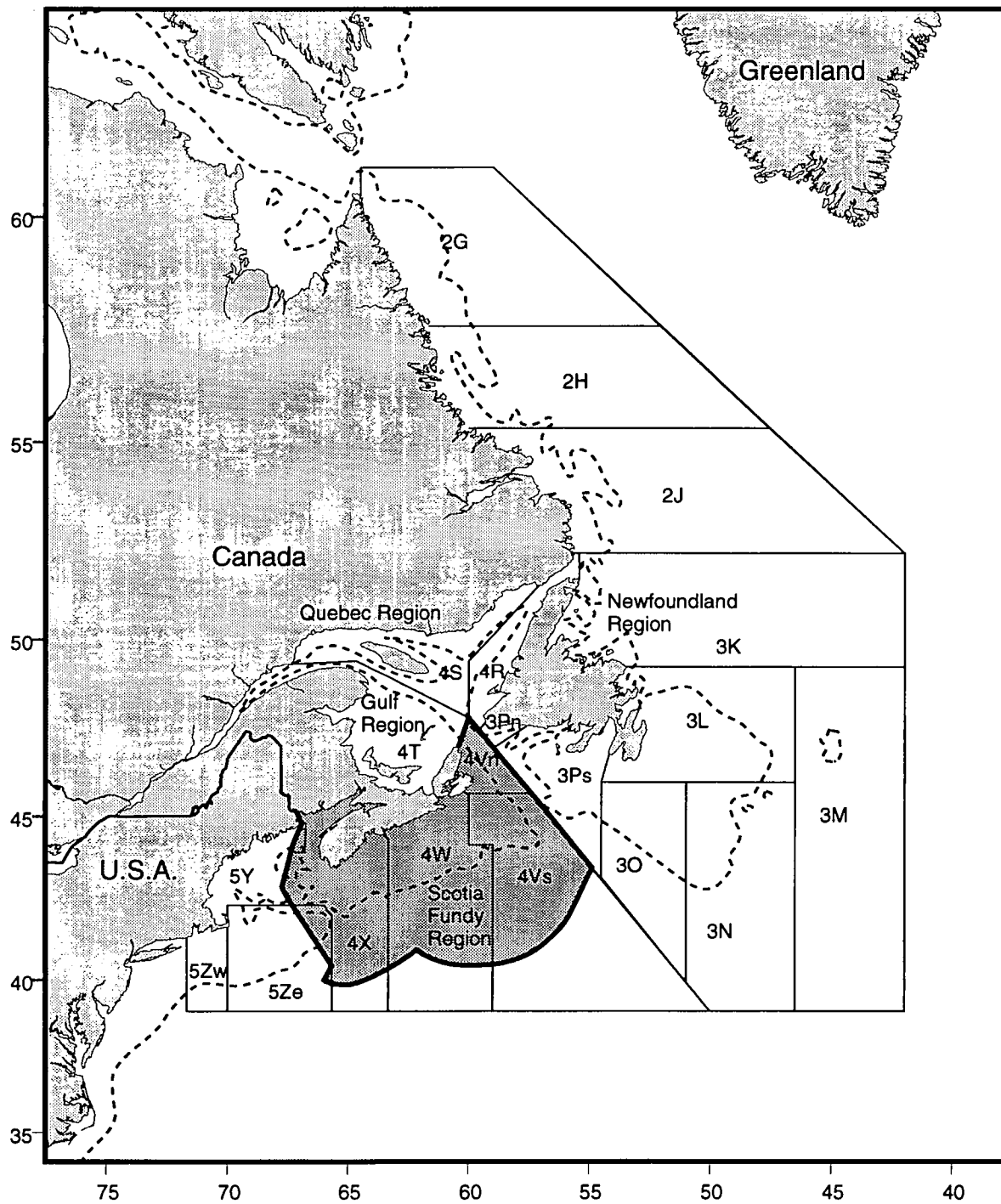
**SMALL FISH TEST AREAS FOR POLLOCK  
STATUS AS OF FEBRUARY 20, 1995**

DIVISION	TEST AREA	MG < 65'	MG 65'-100'	MG > 100'	FG < 65'	FG > 65'
4V <sub>1</sub> W	1	T	C (January 14)	C (January 14)	O	O
	2	T	T	T	O	O
	3	T	O	O	O	O
	4	T	T	T	O	O
	5	CLOSED JANUARY 21, 1995 VARIATION ORDER 1995-010			O	O
	6	T	T (C-Feb. 18 but rescinded Feb. 20)	C (February 18)	O	O
	7	CLOSED JANUARY 1 - APRIL 30 - ALL SPECIES				
4V <sub>a</sub>	8	CLOSED UNTIL APRIL 30 - ALL SPECIES				
4X	9	O	O	O	O	O
	10	O	O	O	O	O
	11	O	O	O	O	O
	12	O	O	O	O	O

**SMALL FISH TEST AREAS FOR FLOUNDER  
STATUS AS OF MARCH 02, 1995**

DIVISION	TEST AREA	MG < 65'	MG 65'-100'	MG > 100'	FG < 65'	FG > 65'
4V <sub>1</sub> W	1	T	O	O	O	O
	2	T	O	O	O	O
	3	T	O	O	O	O
	4	T	O	O	O	O
	5	CLOSED JANUARY 21, 1995 VARIATION ORDER 1995-010			O	O
	6	T	O	O	O	O
	7	CLOSED JANUARY 1 - APRIL 30 - ALL SPECIES				
4V <sub>a</sub>	8	CLOSED UNTIL APRIL 30 - ALL SPECIES				
4X	9	O	O	O	O	O
	10	O	O	O	O	O
	11	O	O	O	O	O
	12	O	O	O	O	O

LEGEND: C - Closed to all vessels including test vessels - date closed in brackets.  
O - Open - Observers not necessary.  
T - Test fishery required with an observer.



**Figure 1: NAFO statistical Divisions and Subdivisions and DFO Regions. Scotia-Fundy Region is highlighted.**

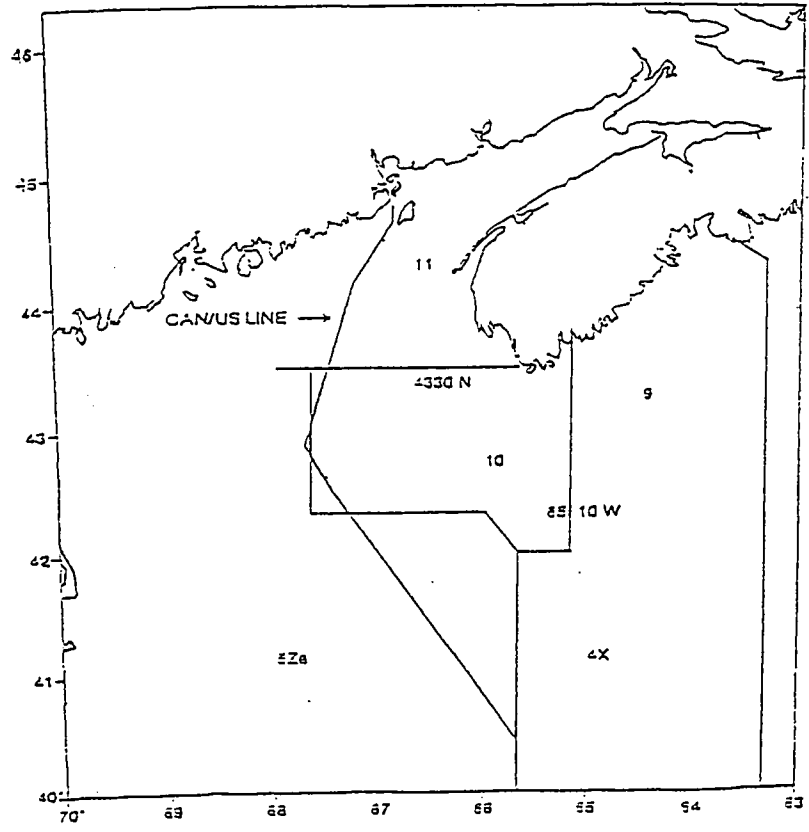
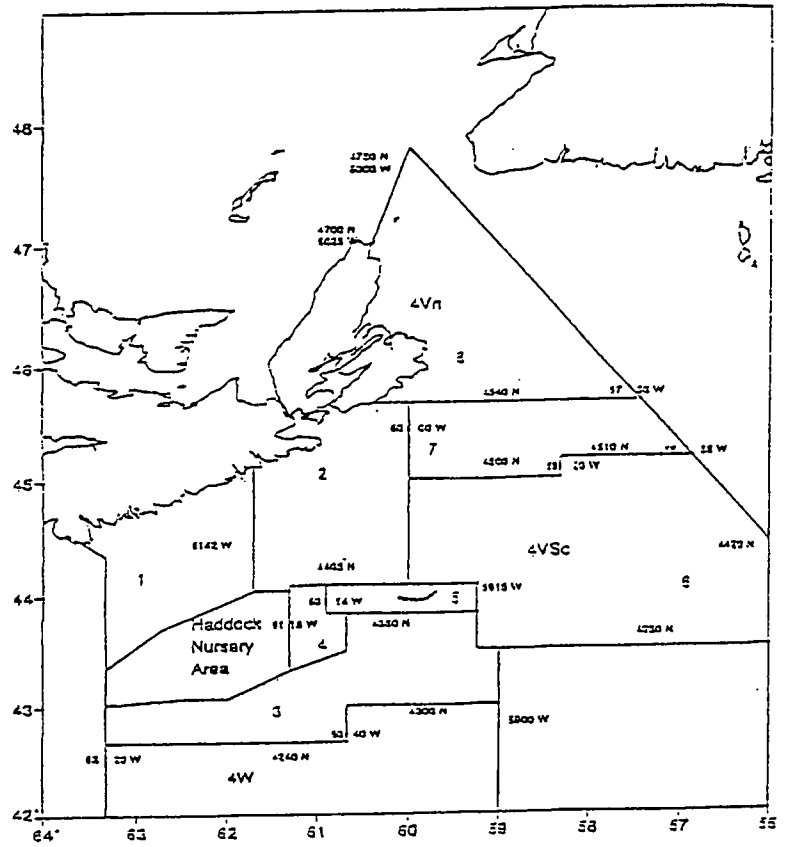


Figure 2. Test Areas



1994  
DETAILED TRIP LIMIT STATUS  
AS OF DECEMBER 31, 1994

FIXED GEAR < 65' (SCOTIA-FUNDY BASED VESSELS)

<u>STOCK</u>	<u>CLASS</u>	<u>DATE</u>	<u>VAR ORDER/ LIC COND</u>	<u>COMMENTS</u>
3NO HALIBUT,HAKE	A10	MARCH 25	LIC.COND.	COD - 5% OR 1,250 KG., WHICHEVER IS GREATER. #14 HOOK OR GREATER.
		MAY 20	LIC.COND.	NO MORE PERMITS TO BE ISSUED.
	A1-A10	MAY 26	NEWFOUNDLAND	FISHING PROHIBITED.
	A1-A10	SEPTEMBER 28	NEWFOUNDLAND	COD - 5% OR 1,250 KG., WHICHEVER IS GREATER. OBSERVER MANDATORY. #14 HOOK OR GREATER.
3NO HADDOCK	A10	MARCH 25	LIC.COND.	10% BYCATCH.
3NO WITCH	ALL GEAR	JANUARY 1	NEWFOUNDLAND	FISHING PROHIBITED.
3LNO YELLOWTAIL	ALL GEAR	JANUARY 1	NEWFOUNDLAND	FISHING PROHIBITED.
2,3K,3LNO,3Ps PLAICE	ALL GEAR	JANUARY 1	NEWFOUNDLAND	FISHING PROHIBITED.
4RST,3Pn COD	ALL GEAR	JANUARY 1	GULF	FISHING PROHIBITED.
4Vn	A1 TO A3000	JAN.1-APR.30	1994-004	FISHING PROHIBITED.
	FG < 65'	MAY 1	LIC.COND.	200 LBS. OR 10% BYCATCH, WHICHEVER IS GREATER. 10% HADDOCK BYCATCH ONLY.
4Vsb	ALL GEAR	JAN.-APR.30	LIC.COND.	FISHING PROHIBITED.
4VsW HALIBUT, HAKE, CUSK	FG < 45'	JANUARY 1	CLOSED	
	FG < 65'	FEBRUARY 16	LIC.COND.	10% BYCATCH EACH OF COD AND HADDOCK. - 14 CIRCLE HOOK OR LARGER FOR HALIBUT - 12 CIRCLE HOOK OR LARGER FOR HAKE & CUSK.
	FG 45'-65'	JANUARY 1	LIC.COND.	- 14 CIRCLE HOOK OR LARGER. - 10% COMBINED COD, HADDOCK BYCATCH.

FIXED GEAR < 65' (SCOTIA-FUNDY BASED VESSELS) cont'd

<u>STOCK</u>	<u>CLASS</u>	<u>DATE</u>	<u>VAR ORDER/ LIC COND</u>	<u>COMMENTS</u>
4VsW HALIBUT, HAKE, FG < 65' CUSK & POLLOCK		APRIL 15	LIC.COND.	COD - 10% OR 225 KG. WHICHEVER IS GREATER. 10% HADDOCK BYCATCH ONLY.
4X,5Y	ALL GEAR	JANUARY 1	LIC.COND.	FISHING PROHIBITED.
		JANUARY 7	LIC.COND.	OPTION 1-HADD-4082 KG. - 1 TRIP/MONTH OPTION 2-HADD-2041 KG - 2 TRIPS/MONTH OPTION 3-HADD-91 KG/TRIP.
		FEBRUARY 1	LIC.COND.	HADDOCK-91 KG PER TRIP.
		APRIL 1	LIC.COND.	OPTION 1-HADD-30% BASED ON THE AMOUNT OF COD ONBOARD OR 300 KG. (WHICHEVER IS GREATER). OPTION 2-HADD-91 KG/TRIP.
		JUNE 1	LIC.COND. MUST STAY WITH ONE OPTION & 4X UNTIL SEPTEMBER 30, 1994.	<u>GROUP A</u> - HADD-91 KG/TRIP. <u>GROUP B</u> - OPTION 1-HADD-300 KG/TRIP TO MAXIMUM OF 1500 KG PER WEEK. OPTION 2-HADD-500 KG/TRIP 3 TRIPS PER WEEK. OPTION 3-HADD-750 KG/TRIP 2 TRIPS PER WEEK. OPTION 4-HADD-1500 KG/TRIP 1 TRIP PER WEEK.
	A1-A7, A9 & A10	JULY 31	1994-071	FISHING PROHIBITED.
	ALL FG < 65'	AUGUST 5	1994-074 (REVOKES 1994-071)	<u>GROUP A</u> - HADD-91 KG/TRIP. <u>GROUP B</u> - OPTION 1-HADD 150 KG/TRIP PER WEEK. OPTION 2-HADD-250 KG/TRIP 3 TRIPS PER WEEK. OPTION 3-HADD-375 KG/TRIP 2 TRIPS PER WEEK. OPTION 4-HADD-750 KG/TRIP 1 TRIP PER WEEK.
	A1-A7,A9-19	AUGUST 10	1994-076	FISHING PROHIBITED. (REVOKES 1994-074)

FIXED GEAR < 65' (SCOTIA-FUNDY BASED VESSELS) cont'd

<u>STOCK</u>	<u>CLASS</u>	<u>DATE</u>	<u>VAR ORDER/ LIC COND</u>	<u>COMMENTS</u>
4X,5Y	ALL FG < 65'	AUGUST 22	1994-082  (REVOKES 1994-076)	<u>GROUP A</u> - HADD-91 KG/TRIP.  <u>GROUP B</u> - OPTION 1-HADD-135 KG/TRIP TO A MAXIMUM 5 TRIPS PER WEEK. OPTION 2-HADD-340 KG/TRIP 2 TRIPS PER WEEK. OPTION 3-HADD-227 KG/TRIP 3 TRIPS PER WEEK. OPTION 4-HADD-680 KG/TRIP 1 TRIP PER WEEK. OPTION 5-HADD-1361 KG/TRIP 1 TRIP PER 14 DAYS.
	ALL FG < 65' EXCEPT A8	SEPTEMBER 15	1994-089	FISHING PROHIBITED.
	ALL FG < 65' EXCEPT A8 AND A10	OCTOBER 4	1994-096	FISHING PROHIBITED. (REVOKES 1994-089) A10- #14 HOOK OR GREATER. 10% BYCATCH EACH OF COD & HADDOCK.
	A42	OCTOBER 8	LIC. COND. (1997-097)	REVOKES 1994-096. HADDOCK-340 KG. - TWO TRIPS PER WEEK.
	A44	OCTOBER 8	LIC.COND. (1994-097)	REVOKES 1994-096. HADDOCK-680 KG./TRIP. ONE TRIP PER WEEK.
	A46	OCTOBER 8	LIC.COND. (1994-097)	REVOKES 1994-096. HADDOCK-91 KG./TRIP
	A42 & A44	OCTOBER 17	1994-100	FISHING PROHIBITED.
	A42 & A44	NOVEMBER 1	1994-109	REVOKES 1994-100. A42- HADDOCK-340 KG./TRIP TWO TRIPS PER WEEK. A44- HADDOCK-680 KG./TRIP ONE TRIP PER WEEK.
	A42 & A44	NOVEMBER 18	1994-118	FISHING PROHIBITED.
	A42 & A44	DEC.5-DEC.11	1994-120	REVOKES 1994-118. A42- HADDOCK-340 KG./TRIP TWO TRIPS PER WEEK. A44-HADDOCK-680 KG./TRIP ONE TRIP PER WEEK.
	ALL FG < 65'	DECEMBER 12	1994-121	FISHING PROHIBITED.

FIXED GEAR < 65' (SCOTIA-FUNDY BASED VESSELS) cont'd

<u>STOCK</u>	<u>CLASS</u>	<u>DATE</u>	<u>VAR ORDER/ LIC COND</u>	<u>COMMENTS</u>
4X (TEST AREA 9)	A1 TO A4 & A6 TO A8	FEBRUARY 26	1994-014	SMALL FISH CLOSURE.
	A1,A3,A4, A6,A8	MARCH 8	1994-016	SMALL FISH CLOSURE. REVOKES 1994-014 - OPENED TO #12 HOOK OR GREATER.
	A2,A7	MARCH 24	1994-021	SMALL FISH CLOSURE FOR LAHAVE AREA OF TEST AREA 9. CLOSED TO #12 HOOKS.
	A1-A4, A6-A8	APRIL 14	1994-034	ALL OF TEST AREA 9 OPENED. REVOKES 1994-016 AND 1994-021.
4X (BROWNS BANK)	ALL GEAR	FEB.1-JUNE 15	1994-006	FISHING PROHIBITED.
5Z (GEORGES BANK)	ALL GEAR	JAN.1-MAY 31	1994-006	FISHING PROHIBITED.
	ALL GEAR	JUNE 1	LIC.COND.	HADDOCK-4500 KG/TRIP.
	FG < 65' (A60)	SEPTEMBER 14	LIC.COND.	COD-13,600 KG/TRIP. HADDOCK-3,630 KG/TRIP.
	FG < 65' (A1-A45)	SEPTEMBER 7	1994-088	FISHING PROHIBITED.
	FG < 65' (A60)	SEPTEMBER 23	1994-090	FISHING PROHIBITED.
4VWX, 5 HALIBUT	A10	MARCH 2	LIC.COND.	- 14 HOOK OR GREATER. - 10% BYCATCH EACH OF COD & HADDOCK.

MOBILE GEAR < 65' (SCOTIA-FUNDY BASED VESSELS)

<u>STOCK</u>	<u>CLASS</u>	<u>DATE</u>	<u>VAR ORDER/ LIC COND</u>	<u>COMMENTS</u>
4RST,3Pn COD	ALL GEAR	JANUARY 1	GULF	FISHING PROHIBITED.
4Vn	C1 TO C6000	JAN.1-APR.30	1994-004	FISHING PROHIBITED.
4Vsb	ALL GEAR	JAN.1-APR.30	LIC.COND.	FISHING PROHIBITED.
4VsW GROUND FISH	ALL MG < 65'	JULY 7	1994-062	FISHING PROHIBITED.
	ALL MG < 65'	JULY 9	1994-063	REVOKED 1994-062.
4VsW POLLOCK	ALL MG < 65'	JANUARY 1	LIC.COND.	- 130 MM SQUARE MESH. - 10% DAILY BYCATCH LEVEL OF COD & HADDOCK COMBINED.
4VsW SKATE	ALL MG < 65'	JULY 9	LIC.COND.	0% BYCATCH.
4VW POLLOCK	IQ FLEET	MAY1-OCT.31	HARVESTING PLAN	FISHING PROHIBITED.
4VW FLOUNDER	ALL MG < 65'	AUGUST 22	1994-081	FISHING PROHIBITED.
4X,5Y GENERALISTS (C1)		JAN.11-MARCH 29	LIC.COND.	- CHP WEEKLY TRIP LIMIT OF 1,360 KG. - COD CANNOT EXCEED 450 KG. - HAD CANNOT EXCEED 180 KG.
		APRIL 13	LIC.COND.	NO CONDITIONS TO BE ISSUED UNTIL FURTHER NOTICE.
		APRIL 15	LIC.COND.	- CHP WEEKLY TRIP LIMIT OF 1,360 KG. - COD CANNOT EXCEED 450 KG. - HADDOCK CANNOT EXCEED 180 KG.
		MAY 4	LIC.COND.	WEEKLY TRIP LIMIT OF: - 1,134 KG. COD - 907 KG. HADDOCK - 2,268 KG. POLLOCK
		JULY 6	LIC.COND.	WEEKLY TRIP LIMIT OF: - 900 KG. COD - 1,130 KG. HADDOCK - 2,260 KG. POLLOCK

MOBILE GEAR < 65' (SCOTIA-FUNDY BASED VESSELS) cont'd.

<u>STOCK</u>	<u>CLASS</u>	<u>DATE</u>	<u>VAR ORDER/ LIC COND</u>	<u>COMMENTS</u>
4X,5Y	GENERALISTS (C1)	JULY 20	LIC.COND.	WEEKLY TRIP LIMIT OF: - 545 KG. COD - 1,134 KG. HADDOCK - 2,268 KG. POLLOCK
		AUGUST 3	LIC.COND.	WEEKLY TRIP LIMIT OF: - 100 KG. COD - 100 KG. HADDOCK - 100 KG. POLLOCK
		SEPTEMBER 7	LIC.COND.	WEEKLY TRIP LIMIT OF: - 363 KG. COD - 1,361 KG. HADDOCK - 454 KG. POLLOCK
	GENERALISTS (C5000)	SEPTEMBER 27	1994-092	FISHING PROHIBITED.
		SEPTEMBER 30	LIC.COND.	14 DAY TRIP - LIMIT OF: - 363 KG. COD - 227 KG. HADDOCK - 454 KG. POLLOCK
		OCTOBER 12	LIC.COND.	14 DAY TRIP - LIMIT OF: - 363 KG. COD - 113 KG. HADDOCK - 907 KG. POLLOCK
GENERALISTS (C1)	NOVEMBER 9	LIC.COND.	14 DAY TRIP - LIMIT OF: - 454 KG. COD - 454 KG. HADDOCK - 907 KG. POLLOCK	
	DECEMBER 22	1994--124	FISHING PROHIBITED.	
4X	ALL GEAR	JANUARY 1	LIC.COND.	FISHING PROHIBITED.
4X (BROWNS BANK)	ALL GEAR	FEB.1-JUNE 15	1994-006	FISHING PROHIBITED.
5Z (GEORGES BANK)	ALL GEAR	JAN.1-MAY 31	1994-006	FISHING PROHIBITED.
5Z YELLOWTAIL	ALL MOBILE GEAR	OCTOBER 20	1994-102	FISHING PROHIBITED.
4VW - REDFISH	C1 TO C6000	JAN.1-MAY 31	1994-005	FISHING PROHIBITED.
4X REDFISH	C1 TO C2999	MAY 4-MAY 18 1800 HRS.	1994-45	SMALL FISH CLOSURE.
	C3000 TO C5550	MAY 4-MAY 18 1800 HRS.	1994-46	SMALL FISH CLOSURE.

MOBILE GEAR < 65' (SCOTIA-FUNDY BASED VESSELS) cont'd.

<u>STOCK</u>	<u>CLASS</u>	<u>DATE</u>	<u>VAR ORDER/ LIC COND</u>	<u>COMMENTS</u>
4X REDFISH	C1 TO C5550	MAY 19-JUNE 22	1994-047	SMALL FISH CLOSURE FOR WESTERN RIDGE & TEST AREA 9
	C1 TO C6000	NOVEMBER 5	1994-112	FISHING MAY RESUME USING 130 MM SQUARE MESH ONLY.
UNIT II REDFISH	C1-C49, C200-C349 C601-C1999 & C3000-C6000 (SF VESSELS)	NOVEMBER 14	1994-106	FISHING PROHIBITED.
UNIT III REDFISH	C1 TO C6000	AUGUST 31	1994-087	FISHING PROHIBITED.
UNIT III REDFISH (4Wdehkl ONLY)	C1 TO C6000	NOVEMBER 5	1994-112	FISHING PROHIBITED. REVOKED 1994-087
4VWX HALIBUT	C1 TO C6000	AUGUST 22	1994-080	FISHING PROHIBITED.
4X SPAWN TOW AREA	ALL MG	SEPTEMBER 29	1994-093	FISHING PROHIBITED.
	ALL MG	SEPTEMBER 29	1994-095	FISHING PROHIBITED. REVOKES 1994-093 CORRECTION.
	ALL MG	OCTOBER 21	1994-104	REVOKES 1994-095.
	ALL MG	OCTOBER 31	1994-107	FISHING PROHIBITED.

VESSELS GREATER THAN 65'

<u>STOCK</u>	<u>CLASS</u>	<u>DATE</u>	<u>VAR ORDER/ LIC COND</u>	<u>COMMENTS</u>
3NO HALIBUT,HAKE	B1-B7 & B9-B220	APRIL 29	NEWFOUNDLAND	BYCATCH CLOSURE.
	B1-B220	SEPTEMBER 28	NEWFOUNDLAND	FISHING PERMITTED. HADDOCK-10% - OBSERVER MANDATORY. #14 HOOK OR GREATER. COD- 5% OR 1250 KG., WHICHEVER IS GREATER.
3NO WITCH	ALL GEAR	JANUARY 1	NEWFOUNDLAND	FISHING PROHIBITED.
3LNO YELLOWTAIL	ALL GEAR	JANUARY 1	NEWFOUNDLAND	FISHING PROHIBITED.
3O HALIBUT,HAKE	B1 TO B220	APRIL 12-	NEWFOUNDLAND	BYCATCH CLOSURE.
2,3K,3LNO,3Ps PLAICE	ALL GEAR	JANUARY 1	NEWFOUNDLAND	FISHING PROHIBITED.
3Pn REDFISH	E TO Z	JAN.8-JAN.17	NEWFOUNDLAND	BYCATCH CLOSURE.
		FEB.16-FEB.22	NEWFOUNDLAND	BYCATCH CLOSURE.
		MARCH 26-MAY 12	NEWFOUNDLAND	BYCATCH CLOSURE.
3Ps REDFISH	E TO Z	JAN.25-FEB.3	NEWFOUNDLAND	BYCATCH CLOSURE.
3Ps REDFISH (3Psd,3Pse,3Psg)	E TO Z	FEB.9-FEB.22	NEWFOUNDLAND	BYCATCH CLOSURE.
3Ps WITCH	E TO Z	MAR.12-APR.19	NEWFOUNDLAND	BYCATCH CLOSURE.
		MAY 12-	NEWFOUNDLAND	BYCATCH CLOSURE.
4RST,3Pn COD	ALL GEAR	JANUARY 1	GULF	FISHING PROHIBITED.
4Rd TURBOT,HALIBUT, REDFISH, WITCH	E TO Y	JANUARY 22	GULF	BYCATCH CLOSURE.
4VW FLOUNDER, POLLOCK	D1-D220	JULY 17	1994-067	FISHING PROHIBITED.
	D1-D8, D10-D220	AUGUST 20	1994-083 (REVOKES 1994-067)	4VW POLLOCK TEST FISHERY FOR LAHAVE (COD BYCATCH TEST)
4Vn REDFISH	E TO S AND T TO Y	JAN.8-JAN.17 JAN.22-FEB.22	1994-008 LETTER	BYCATCH CLOSURE. BYCATCH CLOSURE.
4Vsb	ALL GEAR	JANUARY 1	LIC.COND.	FISHING PROHIBITED.
4X	ALL GEAR	JANUARY 1	LIC.COND.	FISHING PROHIBITED.
4X (BROWNS BANK)	ALL GEAR	FEB.1-JUNE 15	1994-006	FISHING PROHIBITED.



VESSELS GREATER THAN 65' (cont'd):

<u>STOCK</u>	<u>CLASS</u>	<u>DATE</u>	<u>VAR ORDER/ LIC COND</u>	<u>COMMENTS</u>
5Z (GEORGES BANK)	ALL GEAR	JAN.1-MAY 31	1994-006	FISHING PROHIBITED
	ALL GEAR	JUNE 1 -	1994-050	FISHING PROHIBITED.
	MG > 65'	OCTOBER 12	LETTER	FISHING PROHIBITED. BYCATCH CLOSURE.
	MG > 65'	OCTOBER 24	LETTER	FISHING PERMITTED.
5Z YELLOWTAIL	ALL MOBILE GEAR	OCTOBER 20	1994-102	FISHING PROHIBITED.
5Z ALL GROUND FISH	B1 TO B220	NOVEMBER 5	1994-113	FISHING PROHIBITED.
5Z ALL GROUND FISH	D1 TO D220	NOVEMBER 9	1994-114	FISHING PROHIBITED.
4VsW POLLOCK MESH	ALL VESSELS > 65'		JANUARY 1	LIC.COND.- 155 mm DIAMOND  OR 130 MM SQUARE MESH. - 10% DAILY BYCATCH LEVEL OF COD AND HADDOCK COMBINED.
4Vs POLLOCK	VESSELS > 100' (E TO S & T TO Y)	APRIL 16	1994-035	BYCATCH CLOSURE.
UNIT 1,2,3 (4VsW ONLY) REDFISH	ALL VESSELS > 65'	JANUARY 1	LIC.COND.	UNIT 1 - MIDWATER TRAWL ONLY. - 5% COD BYCATCH ON A DAILY BASIS.
UNIT 1,2,3 (4VsW ONLY)	ALL VESSELS > 65'	MARCH 3	LIC.COND.	- 5% COD BYCATCH ON A WEEKLY BASIS.
4X SPAWN TOW AREA	ALL MG	SEPTEMBER 29	1994-093	FISHING PROHIBITED.
	ALL MG	SEPTEMBER 29	1994-095	FISHING PROHIBITED. REVOKES 1994-093 CORRECTION.
	ALL MG	OCTOBER 21	1994-104	REVOKES 1994-095.
	ALL MG	OCTOBER 31	1994-107	FISHING PROHIBITED.

Prepared by: Quota Analysis Unit  
DFO Halifax, NS  
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