

C damage confined to a narrow belt 20 miles long on both shores of the St. Lawrence in the vicinity of the epicentre. In this area, damage at Baie-St-Paul, St-Urbain, Les Éboulements, Pointe-au-Pic, Tadoussac and villages adjacent to these on the north shore as well as Ste-Anne-de-la-Pocatière, St-Pacôme, Rivière-Ouelle, St-Philippe, St-Denis, and St-Pascal on the south shore, was due largely to the strength of the tremors aggravated in a few cases by the deep alluvial soil on which the damaged structures were built. The two other damaged regions were in Québec City and in the Trois-Rivières - Shawinigan Falls area where the damage was due, not so much to the intensity of the shock, as to the unstable nature of the terrain. A few details of the damage at various places are given below.

C Baie-St-Paul. -The town is built on the delta of the Gouffre River. Here there was a general distribution of minor damage. There were fallen chimneys broken windows, overthrown dishes, etc. The Catholic church, a stone structure with a tower 150 feet high, had two of the large bells thrown out of their bearings, and had a cubic yard of stone dislodged from the top of the tower.

C St-Urbain. -The village is eight miles up the Gouffre River from Baie-St-Paul. Broken windows and fallen chimneys were common, though the houses, being of frame construction, were otherwise unharmed. The stone church which had survived the earthquake of 1870 was practically destroyed. The spire was dangerously tilted towards the northeast and finally fell at 3:00 a.m., eleven days after the earthquake (March 11), breaking the telephone line connecting Chicoutimi with Québec. Water and sand oozed from cracks which opened in the frozen floor of the valley between St-Urbain and Baie-St-Paul.

C Les Éboulements. -This village is on the north shore of the St. Lawrence, nine miles below Baie-St-Paul. Much of the plaster was cracked and thirteen chimneys fell, mostly toward the northwest. In several cases the walls of stone houses were cracked.

C Pointe-au-Pic. -Pointe-au-Pic and La Malbaie adjoin. Damage in these two villages was more severe than elsewhere on the north shore of the St. Lawrence. At Pointe-au-Pic most of the chimneys were broken, fireplace masonry was cracked and twisted, and statues rotated or fell. Foundations here were more solid than at Baie-St-Paul, many being on rock. Had this not been the case, the damage would have been much greater. The main shock was felt by the crew on a morning train approaching Pointe-au-Pic at the time.

C La Malbaie. -This village is built partly on rock and partly on the alluvium at the mouth of Rivière La Malbaie. It affords an excellent example of the difference in damage sustained by structures on the two types of terrain. The jail which was located on alluvium, though massively constructed of stone, was badly cracked throughout.

C The old Cabot manor house on the north shore of the St. Lawrence, also of solid stone construction, suffered severe damage. The south wall bulged out, the great chimneys were tilted and the verandah came loose from the wall. The picture shows in-plane shear failure in spandrel beams of a residential masonry house near the epicentral region. Hodgson (1925) states that the house was standing on a deep sand slope. Other buildings in the vicinity were not seriously damaged.

C On the other hand, the church which was built upon solid rock was not damaged. The bond between the stone front and the plaster walls remained unbroken. Several stoves were overturned but no fires resulted which was most remarkable considering the circumstances. Many chimneys were "twisted off". That is, they fell in a manner which left the bricks strewn out in a sort of spiral from the foot of the chimney.

C Tadoussac. -Many chimneys were broken and as a rule fell towards the east.

C South shore

C Considerable damage occurred on the south shore of the St. Lawrence River near the epicentre.

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C Ste-Anne-de-la-Pocatière. -This village is on the south shore of the St.	80 19250301.0219005	20060428
C Lawrence. Most of the chimneys were thrown down and plumbing was broken. The	81 19250301.0219005	20060428
C plaster tops of pillars in the chapel of the college were destroyed. Some	82 19250301.0219005	20060428
C monuments in the cemetery were thrown down while many others were rotated.	83 19250301.0219005	20060428
C Crockery was broken throughout the village. The snow, which was frozen hard	84 19250301.0219005	20060428
C at the time of the shock, was cracked throughout this district. The frozen	85 19250301.0219005	20060428
C earth beneath the snow was cracked into huge rectangular grids and buried	86 19250301.0219005	20060428
C water conduits were broken.	87 19250301.0219005	20060428
C	88 19250301.0219005	20060428
C St-Pacôme. -There was a general destruction of chimneys, and goods were	89 19250301.0219005	20060428
C upset or moved along the floor. In one case a heavy safe was shifted more	90 19250301.0219005	20060428
C than a foot. The frozen road surface was cracked more or less regularly at	91 19250301.0219005	20060428
C distances of 100 feet or less, in some places as close as 15 feet. A great	92 19250301.0219005	20060428
C crack opened in the clay where the valley floor rises to the cliff.	93 19250301.0219005	20060428
C	94 19250301.0219005	20060428
C Rivière Ouelle. - Nearly all chimneys in the district were thrown down by	95 19250301.0219005	20060428
C the earthquake. The wall of the railway station was thrown out from	96 19250301.0219005	20060428
C foundation to roof by the first shock. Between the station and the St.	97 19250301.0219005	20060428
C Lawrence three stone houses with walls up to two feet thick were badly	98 19250301.0219005	20060428
C damaged.	99 19250301.0219005	20060428
C	100 19250301.0219005	20060428
C The church, a fine stone structure built in 1872, was severely damaged: the	101 19250301.0219005	20060428
C organ pipes were projected upward and outward into the auditorium, stones	102 19250301.0219005	20060428
C were jarred loose from the walls and the great stone chimney crashed through	103 19250301.0219005	20060428
C the roof. damage to a church located on thick clay deposits was	104 19250301.0219005	20060428
C photographically documented. The out-of-plane failure of the unreinforced	105 19250301.0219005	20060428
C masonry (URM) gable of this church, typical for this type of structures, is	106 19250301.0219005	20060428
C attributable to the lack/inadequacy of anchorage between the roof and walls	107 19250301.0219005	20060428
C and, in this particular case, to the lack of integrity between the wythes of	108 19250301.0219005	20060428
C an otherwise thick stone masonry wall. Some in-plane shear cracks in the	109 19250301.0219005	20060428
C walls are also visible. Contrary to what is stated in Hodgson (1925), the	110 19250301.0219005	20060428
C church was not demolished following the earthquake. Photo by Hodgson (1925).	111 19250301.0219005	20060428
C	112 19250301.0219005	20060428
C In the churchyard the monuments were overturned or rotated. Those which fell	113 19250301.0219005	20060428
C lay to the southeast. Some fissures in clay deposits were also noticed	114 19250301.0219005	20060428
C nearby, including one formed beside the roadway about a mile from the	115 19250301.0219005	20060428
C church.	116 19250301.0219005	20060428
C	117 19250301.0219005	20060428
C Photos taken a few months after the earthquake and published in Hodgson	118 19250301.0219005	20060428
C (1925).	119 19250301.0219005	20060428
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C St-Philippe. -Here the houses were of frame construction and founded upon	121 19250301.0219005	20060428
C rock. There was relatively little damage.	122 19250301.0219005	20060428
C	123 19250301.0219005	20060428
C St-Denis. -This village had few houses. The church steeple was	124 19250301.0219005	20060428
C extraordinarily high and was swayed by the earthquake so that the joint	125 19250301.0219005	20060428
C between the roof and the wall was chipped. Statues in the church fell	126 19250301.0219005	20060428
C southeast.	127 19250301.0219005	20060428
C	128 19250301.0219005	20060428
C St-Pascal. -The village had a fine church which had suffered damage in the	129 19250301.0219005	20060428
C earthquake of 1870. The walls, though very thick, were cracked by this	130 19250301.0219005	20060428
C earthquake and every statue but one in the building was thrown down. The	131 19250301.0219005	20060428
C cost of repairs was said to be \$5,000.	132 19250301.0219005	20060428
C	133 19250301.0219005	20060428
C Québec. -The chief damage here was to the Palais Railway Station and to the	134 19250301.0219005	20060428
C grain elevators and shipping sheds which border the St-Charles River. The	135 19250301.0219005	20060428
C lower town part of Québec City in 1925 showing the location of the grain	136 19250301.0219005	20060428
C elevators and train terminal building (Gare du Palais). This photo	137 19250301.0219005	20060428
C eloquently testifies to the low population density in the lower part of town	138 19250301.0219005	20060428
C at the time of the earthquake. All the agricultural lands shown are now	139 19250301.0219005	20060428
C covered by urban developments built mostly on top of the deep soft soils and	140 19250301.0219005	20060428
C clay deposits of the type known to amplify earthquake ground motions. Québec	141 19250301.0219005	20060428
C City is approximately 150 km from the epicentre of the 1925 earthquake.	142 19250301.0219005	20060428
C Photo Canadian National Railways.	143 19250301.0219005	20060428
C	144 19250301.0219005	20060428
C The station is of steel and brick construction. This monumental building in	145 19250301.0219005	20060428
C the lower part of town was constructed of unreinforced masonry and steel	146 19250301.0219005	20060428
C trussed-arches spanning over large open areas. Photo by E.A. Hodgson. The	147 19250301.0219005	20060428
C earthquake swayed the steel, breaking many panes of glass in the skylights	148 19250301.0219005	20060428
C and battering the top rows of bricks out of the wall in the north end	149 19250301.0219005	20060428
C waiting room. while widely reported to have been damaged during this	150 19250301.0219005	20060428

C earthquake by local newspapers, the exact nature of the damage suffered by
C this building is not well documented. It is known that cracking developed
C above large windows in a waiting room leading to the collapse of five rows
C of bricks into the concourse. Cracks also developed in many walls, and parts
C of the ceiling, skylight glass and heavy lights fell down. Photo during
C repairs by E.A. Hodgson.

C
C The grain elevator and loading sheds are built on fill which was dredged
C from the River and placed behind a row of piles along the waters edge. The
C sheds are about 30 feet high. A row of grain galleries on an open steel
C framework stands above the shed to a height of about 100 feet. The galleries
C are connected to the elevator by an overhead passageway. In the top of the
C elevator, there are immense scales capable of handling 60 tons of grain.
C Clearly these structures tend to be top heavy. At the time of the earthquake
C the fill yielded and the galleries lurched back and forth shifting the lower
C ends of the steel supporting columns on their concrete piers and bending the
C bracing steelwork. Damage to supporting steel column of a grain elevator in
C the Québec City harbour. The column shifted by approximately 8 centimetres
C from its foundation due to motion and ground settlement. Many columns were
C reported to have settled by as much as 9 centimetres. Some other minor
C damage was reported but most of the facilities survived the earthquake
C intact. Photo from Hodgson (1925).

C
C Several sections of the concrete ceiling of the sheds were thrown down. Some
C of the scales in the elevator were thrown from their pivots and fell to the
C south, others swung back and forth battering the doors. The superstructure
C of the elevator with its heavy machinery swayed sufficiently to break the
C reinforced concrete support columns at their junctures with the main
C building. Less than half a mile from the elevator and shed stands the
C Chateau Frontenac Hotel. It is built upon a rocky cliff in the central part
C of the city. Some persons in the hotel did not feel the earthquake at all
C and none were greatly alarmed by it. The difference between the observed
C effects at the two locations so close together is due entirely to the
C difference in terrain.

C
C Trois-Rivières. -Damage here was not serious. A water tank supported on
C steel columns tied into the walls of a factory swayed hard enough to crack
C the walls. About 25 feet of the top of a 250-foot brick stack was thrown
C down.

C
C Shawinigan Falls. -In Shawinigan, approximately 250 kilometres from the
C epicentre, a few buildings suffered damage. In the absence of reported
C damage in similar structures between Québec City and Shawinigan,
C soil-amplification due to local geological conditions are clearly
C responsible for this damage. Damage was essentially confined to the
C out-of-plane failure of URM walls. Many stone and brick walls, though well
C built, were cracked because the buildings were placed on or near the slopes
C of clay banks. The steel frame of one factory plant, acting as a battering
C ram under the influence of the earthquake, dislodged portions of the gable
C ends from the structure.

C
C Damage at St-Marc's church were also reported. The photo shows out-of-plane
C failure of URM transept wall of St-Marc church in Shawinigan. Gable, window
C and exterior wythe of lower part of many masonry wall collapsed outwards.
C Abbott (1926) who made a survey of the damage at both Trois-Rivières and
C Shawinigan Falls placed the total loss for both at \$17,000.

C
F 20 km O de Riviere-du-Loup, QC
F Un des séismes les plus largement ressentis de l'est de l'Amérique du Nord
F Zone Seismique de Charlevoix, Que.
F Dommages dans Charlevoix, Kamouraska, a Quebec et a Shawinigan.
F Description des dommages (legerement modifie a partir de Smith, 1962).
F Les dommages les plus importants furent constatés dans trois régions
F distinctes.

F
F 1. À proximité de l'épicentre, les dommages les plus importants furent
F observés. Cette zone consiste en une bande d'une trentaine kilomètres
F de large couvrant les deux rives du Fleuve St-Laurent. Sur la rive nord
F de la zone épicerale, des dommages furent constatés à Baie-St-Paul,
F St-Urbain, Les Éboulements, Pointe-au-Pic, La Malbaie, Tadoussac et
F quelques villages près de ceux-ci. Sur la rive sud, des dommages furent

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F constatés à Ste-Anne-de-la-Pocatière, St-Pacôme, Rivière-Ouelle,	15 19250301.0219005	20060428
F St-Philippe, St-Denis, et St-Pascal. Souvent les vibrations furent	16 19250301.0219005	20060428
F amplifiées localement par d'épaisses couches argileuses sur lesquelles	17 19250301.0219005	20060428
F reposaient les structures.	18 19250301.0219005	20060428
F 2. À 150 km de l'épicentre, la basse-ville de Québec fut touchée dû aux	19 19250301.0219005	20060428
F dépôts meubles de la rivière St-Charles et au remplissage dans le Port	20 19250301.0219005	20060428
F de Québec.	21 19250301.0219005	20060428
F 3. À environ 250 km de l'épicentre, les villes de Trois-Rivières et	22 19250301.0219005	20060428
F Shawinigan furent touchées. Dans ces deux municipalités, les dommages	23 19250301.0219005	20060428
F sont reliés à la présence de dépôts meubles (sable, argile,	24 19250301.0219005	20060428
F remplissage).	25 19250301.0219005	20060428
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F Rive Nord	27 19250301.0219005	20060428
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F Baie-St-Paul. - La ville est construite dans la vallée de la rivière du	29 19250301.0219005	20060428
F Gouffre. Ici les dommages mineurs était généralisés. Il y avait des fenêtres	30 19250301.0219005	20060428
F cassées, des cheminées tombées, de la vaisselle renversée. L'église	31 19250301.0219005	20060428
F catholique de Baie-St-Paul, une structure en pierre comprenant une tour de	32 19250301.0219005	20060428
F 45 mètres de haut, deux des grosses cloches furent jetées hors de leurs	33 19250301.0219005	20060428
F pivots et un mètre cube de pierre fut délogé du dessus de la tour.	34 19250301.0219005	20060428
F	35 19250301.0219005	20060428
F St-Urbain. - Le village est construit 13 kilomètres en amont de Baie-St-Paul	36 19250301.0219005	20060428
F sur la rivière du Gouffre. Les fenêtres cassées et les cheminées tombées	37 19250301.0219005	20060428
F étaient généralisées bien que les maisons ayant une charpente de bois solide	38 19250301.0219005	20060428
F furent épargnées. L'église en pierre, qui avait survécu au tremblement de	39 19250301.0219005	20060428
F terre de 1870, fut pratiquement détruite. Le clocher s'est incliné	40 19250301.0219005	20060428
F dangereusement vers le nord-est et est finalement tombé à 3:00 heure du	41 19250301.0219005	20060428
F matin onze jours après le tremblement de terre (11 mars), cassant la ligne	42 19250301.0219005	20060428
F téléphonique reliant Chicoutimi à Québec.	43 19250301.0219005	20060428
F	44 19250301.0219005	20060428
F Les Éboulements. - Ce village est situé sur la rive nord du Fleuve	45 19250301.0219005	20060428
F St-Laurent, 14 kilomètres en aval de Baie-St-Paul. Beaucoup de plâtre fut	46 19250301.0219005	20060428
F craqué dans les maisons et treize cheminées sont tombées-la plupart du temps	47 19250301.0219005	20060428
F vers le nord-ouest. Dans plusieurs cas, les murs des maisons en pierre	48 19250301.0219005	20060428
F étaient craqués.	49 19250301.0219005	20060428
F	50 19250301.0219005	20060428
F Pointe-au-Pic. - Pointe-au-Pic et La Malbaie sont deux villes voisines. À	51 19250301.0219005	20060428
F Pointe-au-Pic la plupart des cheminées furent endommagées. La maçonnerie de	52 19250301.0219005	20060428
F foyers fut craquée. Des statues ont tourné ou sont tombées. Les fondations	53 19250301.0219005	20060428
F ici étaient plus solides qu'à Baie-St-Paul, beaucoup étant sur le roc,	54 19250301.0219005	20060428
F minimisant les dommages. Le choc principal fut senti par l'équipage d'un	55 19250301.0219005	20060428
F train approchant Pointe-au-Pic ce matin-là.	56 19250301.0219005	20060428
F	57 19250301.0219005	20060428
F La Malbaie. - Ce village est construit en partie sur le roc et en partie sur	58 19250301.0219005	20060428
F des alluvions à l'embouchure de la rivière Malbaie. Ce village représente un	59 19250301.0219005	20060428
F excellent exemple de la différence entre les dommages infligés aux	60 19250301.0219005	20060428
F structures sur ces deux types de terrain. La prison, sur les alluvions,	61 19250301.0219005	20060428
F oeuvre massive construite avec de la pierre, était entièrement craquée.	62 19250301.0219005	20060428
F	63 19250301.0219005	20060428
F Le vieux Manoir Cabot sur la rive nord du Fleuve St-Laurent, aussi de	64 19250301.0219005	20060428
F construction de pierre, a subi de graves dommages. Le mur sud a bombé, les	65 19250301.0219005	20060428
F grandes cheminées furent inclinées et la véranda s'est détachée du mur.	66 19250301.0219005	20060428
F Dommages dûs au cisaillement dans le plan du mur de de maçonnerie d'une	67 19250301.0219005	20060428
F maison résidentielle près de la région épicerale. Hodgson (1925) mentionne	68 19250301.0219005	20060428
F que la maison reposait sur une pente sablonneuse épaisse. D'autres bâtiments	69 19250301.0219005	20060428
F à proximité n'ont pas été sérieusement endommagés.	70 19250301.0219005	20060428
F	71 19250301.0219005	20060428
F D'autre part l'église, construite sur le roc, ne fut pas endommagée. Le lien	72 19250301.0219005	20060428
F entre le mur avant en pierre et les murs de plâtre est demeuré intact.	73 19250301.0219005	20060428
F Plusieurs fournaies furent retournés, mais aucun feu n'en a résulté.	74 19250301.0219005	20060428
F Beaucoup de cheminées furent tordues c'est-à-dire, qu'elles sont tombées de	75 19250301.0219005	20060428
F telle sorte que les briques étaient répandues par terre en forme de spirale	76 19250301.0219005	20060428
F à partir du pied de la cheminée.	77 19250301.0219005	20060428
F	78 19250301.0219005	20060428
F Tadoussac. - Beaucoup de cheminées furent endommagées et sont tombées	79 19250301.0219005	20060428
F généralement vers l'est.	80 19250301.0219005	20060428
F	81 19250301.0219005	20060428
F Rive Sud Des dommages considérables se sont produits sur la rive sud du	82 19250301.0219005	20060428
F fleuve Saint-Laurent près de l'épicentre.	83 19250301.0219005	20060428
F	84 19250301.0219005	20060428
F Ste-Anne-de-la-Pocatière. -Ce village est situé sur la rive sud du Fleuve	85 19250301.0219005	20060428

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F St-Laurent. La plupart des cheminées furent jetées par terre. La plomberie fut	86 19250301.0219005	20060428
F fut brisée. Le plâtre au-dessus des piliers dans la chapelle du collège fut	87 19250301.0219005	20060428
F détruit. Des pierres tombales dans le cimetière furent jetées au sol et	88 19250301.0219005	20060428
F plusieurs autres ont tourné sur elles-mêmes. De la poterie fut brisée un peu	89 19250301.0219005	20060428
F partout dans le village. La croûte de glace au-dessus de la neige a craqué	90 19250301.0219005	20060428
F au moment du tremblement de terre. Le sol gelé sous la neige a craqué	91 19250301.0219005	20060428
F formant un quadrillage rectangulaire et des tuyaux enterrés furent brisés.	92 19250301.0219005	20060428
F	93 19250301.0219005	20060428
F St-Pacôme. -Toutes les cheminées furent détruites. Des objets furent	94 19250301.0219005	20060428
F renversés ou déplacés sur le plancher. Un gros coffre-fort a bougé de plus	95 19250301.0219005	20060428
F de 30 centimètres. La chaussée gelée a craqué à des intervalles de plus ou	96 19250301.0219005	20060428
F moins 30 mètres et à un intervalle de 5 mètres en un endroit. Une grande	97 19250301.0219005	20060428
F craque s'est ouverte dans l'argile là où la vallée rencontre une falaise.	98 19250301.0219005	20060428
F	99 19250301.0219005	20060428
F Rivière-Ouelle. -Presque toutes les cheminées dans la zone ont été	100 19250301.0219005	20060428
F endommagées par le tremblement de terre. Les murs de la gare furent délogés	101 19250301.0219005	20060428
F de la fondation jusqu'au plafond par la première secousse. Entre la gare et	102 19250301.0219005	20060428
F le Fleuve St-Laurent, trois maisons en pierre avec des murs d'épaisseur	103 19250301.0219005	20060428
F allant jusqu'à soixante centimètres furent gravement endommagées.	104 19250301.0219005	20060428
F	105 19250301.0219005	20060428
F L'église, une structure massive construite en 1872, fut grandement	106 19250301.0219005	20060428
F endommagée. Les tuyaux d'orgue furent projetés ici et là dans la nef.	107 19250301.0219005	20060428
F L'église située sur d'épais dépôts d'argile ont été photographiés.	108 19250301.0219005	20060428
F L'affaissement hors-plan du mur de maçonnerie non-renforcé (MNR) de	109 19250301.0219005	20060428
F l'église, typique pour ce type de structure, est attribuable au manque	110 19250301.0219005	20060428
F d'ancrage entre le toit et le mur. Quelques fissures de cisaillement dans le	111 19250301.0219005	20060428
F plan des murs sont également visibles. Contrairement à ce qui est énoncé	112 19250301.0219005	20060428
F dans Hodgson (1925), l'église n'a pas été démolie après le tremblement de	113 19250301.0219005	20060428
F terre. Des pierres des murs furent délogées et la grande cheminée de pierre	114 19250301.0219005	20060428
F est tombée sur le toit.	115 19250301.0219005	20060428
F	116 19250301.0219005	20060428
F Dans le cimetière près de l'église, les pierres tombales furent renversées	117 19250301.0219005	20060428
F ou retournées. Quelques fissures dans des dépôts d'argile ont été également	118 19250301.0219005	20060428
F notées tout près dont une à côté d'une route à environ un kilomètre de	119 19250301.0219005	20060428
F l'église.	120 19250301.0219005	20060428
F	121 19250301.0219005	20060428
F Photos prises quelques mois après le tremblement de terre et publiée dans	122 19250301.0219005	20060428
F Hodgson (1925).	123 19250301.0219005	20060428
F	124 19250301.0219005	20060428
F St-Philippe. -Ici les maisons étaient fabriquées avec de bonnes charpentes	125 19250301.0219005	20060428
F et leur fondation étaient sur le roc. Les dommages furent donc très minimes.	126 19250301.0219005	20060428
F	127 19250301.0219005	20060428
F St-Denis. -Le clocher de l'église était très haut et s'est balancé à un tel	128 19250301.0219005	20060428
F point que le ciment à la jonction du toit de l'église et du mur de la	129 19250301.0219005	20060428
F cheminée s'est effrité. Des statues à l'intérieur de l'église sont tombées	130 19250301.0219005	20060428
F vers le sud-est.	131 19250301.0219005	20060428
F	132 19250301.0219005	20060428
F St-Pascal. -Le village possédait une magnifique église qui avait subit des	133 19250301.0219005	20060428
F dommages lors du tremblement de terre de 1870. Les murs très épais furent	134 19250301.0219005	20060428
F craqués par ce tremblement et toutes les statues à l'exception d'une sont	135 19250301.0219005	20060428
F tombées par terre. Il en a coûté 5 000\$ pour la réparer.	136 19250301.0219005	20060428
F	137 19250301.0219005	20060428
F Région de Québec	138 19250301.0219005	20060428
F	139 19250301.0219005	20060428
F Québec. -Les bâtiments les plus endommagés à Québec furent la Gare du	140 19250301.0219005	20060428
F Palais, les élévateurs à grains et les entrepôts d'expédition et de	141 19250301.0219005	20060428
F chargement aux abords de la rivière St-Charles. La basse-ville de la ville	142 19250301.0219005	20060428
F de Québec en 1925 montrant l'emplacement des élévateurs à grain et du	143 19250301.0219005	20060428
F terminal de train (Gare du Palais). Cette photo témoigne de la faible	144 19250301.0219005	20060428
F densité de population dans la basse-ville au moment du tremblement de terre.	145 19250301.0219005	20060428
F Toutes les régions agricoles montrées sont maintenant couvertes par des	146 19250301.0219005	20060428
F développements urbains établis la plupart du temps sur d'épais dépôts	147 19250301.0219005	20060428
F d'argile du type reconnu pour amplifier les vibrations des tremblements de	148 19250301.0219005	20060428
F terre. La ville de Québec est approximativement à 150 kilomètres de	149 19250301.0219005	20060428
F l'épicentre du tremblement de terre de 1925. Photo gracieuseté des Chemins	150 19250301.0219005	20060428
F de fer Canadien National.	151 19250301.0219005	20060428
F	152 19250301.0219005	20060428
F La Gare est une construction d'acier et de briques. Ce bâtiment monumental	153 19250301.0219005	20060428
F dans la basse-ville a été construit avec de la maçonnerie non renforcée et	154 19250301.0219005	20060428
F des voûtes en acier au-dessus de grands aires découvertes. Photo par E.A.	155 19250301.0219005	20060428
F Hodgson. Le tremblement de terre a fait balancer la structure, brisant ainsi	156 19250301.0219005	20060428

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F plusieurs panneaux vitrés dans les lucarnes et délogeant les rangées de	157 19250301.0219005	20060428
F briques supérieures du mur à l'extrémité nord de la salle d'attente. Quoique	158 19250301.0219005	20060428
F les journaux locaux ont rapporté des dommages à ce bâtiment, leur nature	159 19250301.0219005	20060428
F exacte n'est pas bien documentée. On sait que des fissures se sont	160 19250301.0219005	20060428
F développées au-dessus de grandes fenêtres dans une salle d'attente menant à	161 19250301.0219005	20060428
F l'effondrement de cinq rangées de briques. Les fissures se sont également	162 19250301.0219005	20060428
F développées dans beaucoup de murs, et une partie du plafond, du verre de	163 19250301.0219005	20060428
F lucarne et des lumières lourdes sont tombés. Photo pendant les réparations	164 19250301.0219005	20060428
F par E.A. Hodgson.	165 19250301.0219005	20060428
F	166 19250301.0219005	20060428
F Les élévateurs à grains et les entrepôts de chargement furent construits sur	167 19250301.0219005	20060428
F un sol qui fut dragué à partir du fond de la rivière, qui fut mis en place	168 19250301.0219005	20060428
F et retenu par une série de pieux longeant la rivière. Les entrepôts ont une	169 19250301.0219005	20060428
F hauteur d'une dizaine de mètres. Des convoyeurs à grains, soutenus par une	170 19250301.0219005	20060428
F charpente en acier, passent au-dessus des entrepôts à une trentaine de	171 19250301.0219005	20060428
F mètres du sol. Les convoyeurs sont connectés à l'élévateur par un passage	172 19250301.0219005	20060428
F aérien. D'immenses balances pouvant supporter jusqu'à 60 tonnes de grains	173 19250301.0219005	20060428
F sont situées au sommet des élévateurs. Ces structures sont donc plus lourdes	174 19250301.0219005	20060428
F au sommet qu'à la base. Lors du tremblement de terre, le sol artificiel a	175 19250301.0219005	20060428
F cédé, les convoyeurs ont tangué d'un côté et de l'autre, délogeant ainsi la	176 19250301.0219005	20060428
F partie inférieure des piliers en acier de leurs supports en béton et tordant	177 19250301.0219005	20060428
F les armatures en acier. Dans les entrepôts, plusieurs sections des plafonds	178 19250301.0219005	20060428
F en béton furent jetées au sol. Quelques unes des balances au haut des	179 19250301.0219005	20060428
F élévateurs furent délogées de leurs pivots et sont tombées du côté sud,	180 19250301.0219005	20060428
F d'autres ont balancé d'un côté à l'autre en battant contre les portes. La	181 19250301.0219005	20060428
F charpente des élévateurs et la machinerie lourde qu'ils contiennent ont	182 19250301.0219005	20060428
F balancé suffisamment pour briser les supports en béton renforcé à la	183 19250301.0219005	20060428
F jonction entre le bâtiment principal et les élévateurs.	184 19250301.0219005	20060428
F	185 19250301.0219005	20060428
F Dommages à une colonne portante en acier d'un élévateur à grain dans le port	186 19250301.0219005	20060428
F de la ville de Québec. La colonne a été décalée d'approximativement 8	187 19250301.0219005	20060428
F centimètres à sa base due au mouvement et au tassement du substrat. On a	188 19250301.0219005	20060428
F rapporté que beaucoup de colonnes se sont enfoncées d'au moins 9	189 19250301.0219005	20060428
F centimètres. D'autres dommages mineurs ont été enregistrés mais la plupart	190 19250301.0219005	20060428
F des équipements n'ont pas souffert du tremblement de terre.	191 19250301.0219005	20060428
F	192 19250301.0219005	20060428
F À moins d'un kilomètre des élévateurs se trouve le Château Frontenac, qui	193 19250301.0219005	20060428
F lui est construit au haut d'une falaise rocheuse dans la partie centrale de	194 19250301.0219005	20060428
F la ville. Certaines personnes au Château n'ont même pas ressenti le	195 19250301.0219005	20060428
F tremblement de terre et personne n'a vraiment été alarmé. La différence entre	196 19250301.0219005	20060428
F les effets observés aux deux endroits situés très près l'un de l'autre est	197 19250301.0219005	20060428
F entièrement due aux deux types de terrain qui sont complètement différents.	198 19250301.0219005	20060428
F	199 19250301.0219005	20060428
F Régions de Trois-Rivières et Shawinigan	200 19250301.0219005	20060428
F	201 19250301.0219005	20060428
F Trois-Rivières. -Les dommages dans cette ville furent minimes. Un réservoir	202 19250301.0219005	20060428
F d'eau supporté par des piliers en acier et rattaché au mur d'un bâtiment	203 19250301.0219005	20060428
F industriel a balancé suffisamment pour faire craquer le mur. Les huit	204 19250301.0219005	20060428
F derniers mètres d'un empilement de briques de 80 mètres de haut furent jetés	205 19250301.0219005	20060428
F au sol.	206 19250301.0219005	20060428
F	207 19250301.0219005	20060428
F Shawinigan. -À Shawinigan, approximativement à 250 kilomètres de	208 19250301.0219005	20060428
F l'épicentre, quelques bâtiments ont subi des dommages. Puisqu'aucun dommage	209 19250301.0219005	20060428
F semblable ne fut rapporté entre Québec et Shawinigan, l'amplification due	210 19250301.0219005	20060428
F aux conditions géologiques locales doivent être responsables de ces	211 19250301.0219005	20060428
F dommages. Des dommages ont été essentiellement confinés aux effondrements	212 19250301.0219005	20060428
F hors-plans des murs de MNR.	213 19250301.0219005	20060428
F	214 19250301.0219005	20060428
F Plusieurs murs de briques ou de pierres pourtant bien construits furent	215 19250301.0219005	20060428
F craqués parce que les bâtisses étaient situées près des pentes ou sur des	216 19250301.0219005	20060428
F terrasses argileuses. La charpente en acier d'un bâtiment industriel	217 19250301.0219005	20060428
F agissant comme un bélier pendant le tremblement de terre a suffit pour	218 19250301.0219005	20060428
F endommager et déloger des parties des pignons de la structure.	219 19250301.0219005	20060428
F	220 19250301.0219005	20060428
F Des dommages à l'église St-Marc ont aussi été rapportés. La photo montre la	221 19250301.0219005	20060428
F chute hors-plan du mur de transept de MNR de l'église St-Marc à Shawinigan.	222 19250301.0219005	20060428
F Le clocher, la fenêtre et le parement extérieur de la partie inférieure de	223 19250301.0219005	20060428
F beaucoup de murs de maçonnerie se sont effondrés vers l'extérieur. Abbott	224 19250301.0219005	20060428
F (1926), qui a recensé les dommages à Trois-Rivière et à Shawinigan, a évalué	225 19250301.0219005	20060428
F le coût total associé au séisme à 17 000\$ pour les deux villes.	226 19250301.0219005	20060428
I magnitude prime decided as Mw 6.2 in April 2006	1 19250301.0219005	20060428

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H	YyyyMmDd	HhMm	Ss.sssEq	Lat	Long	Depth-km	Mag	Magt	DLSEAW	Sq	C	FInS	AeMd	lStnPhs	NdGap	Clstdst	Clstn	Nation	Nreg	Canr	FIMM	FER		
S	19480101	1833	56.346L	47.3000	-70.4000	18.00km	4.3MN	HGB	0	0	F 0	0	10	5	11	0267	37.82SFA	CANADA	447	0	2	<>		
E	GSC	7.83	2.48	0.00	0.00	0.00	(0.00	0.00	0.00	0.00	0.0)	JD	mau	19480101.1833004	19480101.1833004	19480101.1833004	19480101.1833004	19480101.1833004	19480101.1833004	19480101.1833004	19960605<>			
M	*MN	4.3	(0.0)	1								GSC	1	19480101.1833004							19960605			
M	ML	4.7	()	1								GSC	3	19480101.1833004								19960605		
C	Charlevoix Seismic Zone, Que.																							
C	Felt at Ste-Anne-de-Beaupre, Quebec.																							
C	Ressenti a Ste-Anne-de-Beaupre, Quebec.																							
F	Zone Seismique de Charlevoix, Que.																							
I	47.3	70.4	ML=4.9	1833453								SMITH	1	19480101.1833004								19960605		
I	47.3	70.4	ML=4.5	1833453								CEEF	1988	2	19480101.1833004								19960605	
I	Solution pegged at Stevens (1980) solution.																							
I	This event has been relocated by A.E. Stevens																							
I	using relative arrival times.																							
I	The reference is:																							
I	Stevens, A.E. (1980). Reexamination of some larger																							
I	La Malbaie, Quebec earthquakes (1924-1978).																							
I	Bull. Seism. Soc. Am. 70, No. 2, pp. 529-557.																							
I	Modified/Reentered in database in June 1996 by Maurice Lamontagne.																							
I	Previous solution in database:																							
I	19480101	1833	44.900L	47.4160	-70.3690	18.00km	4.30MN	OA	0	F 0	0			12	19480101.1833004								19960605	
I	HAS ONE AFTERSHOCK 19480101 AT 1844																							
I	SHF: SMITH REPORTED TWO 'E' PHASES AT 34206 AND 34368																							
I	KLC: SMITH REPORTED AN 'E' PHASE AT 36303																							
I																								
H	Stn--Ch-Ph--	UQHhmm	Ss.sssFm	TRes	----	Wt---	Dst_km	--Az----	OcMag--	UTp--	M_resPer--	Mag_f--	Amp-----	QA_hm	ss.sssT_cor--	TR_c-ST_c-	AutSnr-S	low-L_a/tM_az--	M_emerD_qC_ph----	LcEmer--	Delta-			
AgencySource	Tsf-----	Smdl	Comment-----	Groupid-----	Arrid-----	Solid-----	Arr_date	tm	Update--															
P SFA	SZ PG	1833	53.00	L	-8.467	1.00	37.82	238.8SW	XMN	0.0	0.00	0.0	0.00	.	0.00							-64.5	0.34	GSC
GSC									19480101.1833003	19480101.1833003	19480101.1833004	19480101	19960605<>									-64.5	0.34	GSC
P SFA	SZ SG	1833	58.00	L	-7.280	1.00	37.82	238.8SW	XMN	0.0	0.00	0.0	0.00	.	0.00							-64.5	0.34	GSC
GSC									19480101.1833003	19480101.1833004	19480101.1833004	19480101	19960605<>									-64.5	0.34	GSC
P SHF	SZ PG	1834	17.30	L	-3.342	1.00	198.41	246.1SW	XMN	0.0	0.00	0.0	15000.00	.	0.00							-84.8	1.78	GSC
GSC									19480101.1834006	19480101.1834006	19480101.1833004	19480101	19960605<>									-84.8	1.78	GSC
P SHF	SZ SG	1834	42.80	L	4.065	1.00	198.41	246.1SW	XMN	0.0	0.00	0.0	15000.00	.	0.00							-84.8	1.78	GSC
GSC									19480101.1834006	19480101.1834007	19480101.1833004	19480101	19960605<>									-84.8	1.78	GSC
P SHF	SZ Trac	Y1834	43.80	L			198.41	246.1SW	XMN	0.0	0.00	0.0	15000.00	.	0.00							-85.0	1.78	GSC
GSC									19480101.1834006	19480101.1834003	19480101.1833004	19480101	19960605<>									-85.0	1.78	GSC
P OTT	SZ PN	1834	48.50	L	-4.108	1.00	461.00	244.6SW	XMN	0.0	0.00	0.0	35000.00	.	0.00							-87.8	4.15	GSC
GSC									19480101.1834008	19480101.1834008	19480101.1833004	19480101	19960605<>									-87.8	4.15	GSC
P OTT	SZ PG	1834	59.00	L	6.392	1.00	461.00	244.6SW	XMN	0.0	0.00	0.0	35000.00	.	0.00							-87.8	4.15	GSC
GSC									19480101.1834008	19480101.1834009	19480101.1833004	19480101	19960605<>									-87.8	4.15	GSC
P OTT	SZ SN	1835	35.00	L	0.494	1.00	461.00	244.6SW	XMN	0.0	0.00	0.0	35000.00	.	0.00							-87.8	4.15	GSC
GSC									19480101.1834008	19480101.1835008	19480101.1833004	19480101	19960605<>									-87.8	4.15	GSC
P OTT	SZ SG	1835	55.00	L	20.494	1.00	461.00	244.6SW	XMN	0.0	0.50	82.0	35000.00	.	0.00							-87.8	4.15	GSC
GSC									19480101.1834008	19480101.1835009	19480101.1833004	19480101	19960605<>									-87.8	4.15	GSC
P OTT	SZ Trac	Y1835	56.00	L			461.00	244.6SW	4.3 MN	-0.0	0.50	82.0	35000.00	.	0.00							49.0	4.15	GSC
GSC									19480101.1834008	19480101.1835003	19480101.1833004	19480101	19960605<>									-88.1	4.96	GSC
P WES	SZ PN	1835	00.30	L	-3.321	1.00	551.35	187.9S	XMN	0.0	0.00	0.0	0.00	.	0.00							-88.1	4.96	GSC
GSC									19480101.1835010	19480101.1835010	19480101.1833004	19480101	19960605<>									-88.1	4.96	GSC
P WES	SZ PG	X1835	12.00	L	8.380	0.00	551.35	187.9S	XMN	0.0	0.00	0.0	0.00	.	0.00							-88.1	4.96	GSC
GSC									19480101.1835010	19480101.1835011	19480101.1833004	19480101	19960605<>									-88.1	4.96	GSC
P WES	SZ SN	1835	54.50	L	0.782	1.00	551.35	187.9S	XMN	0.0	0.00	0.0	0.00	.	0.00							-88.1	4.96	GSC
GSC									19480101.1835010	19480101.1835012	19480101.1833004	19480101	19960605<>									-88.1	4.96	GSC
P WES	SZ SG	X1836	28.00	L	34.282	0.00	551.35	187.9S	XMN	0.0	0.00	0.0	0.00	.	0.00							-88.1	4.96	GSC
GSC									19480101.1835010	19480101.1836003	19480101.1833004	19480101	19960605<>									-88.1	4.96	GSC
P KLC	SZ PN	1835	19.50	L	-5.721	1.00	728.54	280.9W	XMN	0.0	0.00	0.0	0.00	.	0.00							-88.6	6.55	GSC
GSC									19480101.1835013	19480101.1835013	19480101.1833004	19480101	19960605<>									-88.6	6.55	GSC
P KLC	SZ SN	X1836	32.10	L	0.696	0.00	728.54	280.9W	XMN	0.0	0.00	0.0	0.00	.	0.00							-88.6	6.55	GSC
GSC									19480101.1835013	19480101.1836004	19480101.1833004	19480101	19960605<>									-88.6	6.55	GSC
P KLC	SZ SG	X1837	08.50	L	37.096	0.00	728.54	280.9W	XMN	0.0	0.00	0.0	0.00	.	0.00							-88.6	6.55	GSC
GSC									19480101.1835013	19480101.1837002	19480101.1833004	19480101	19960605<>									-88.6	6.55	GSC

H	YyyyMmDd	HhMm	Ss.sssEq	Lat	Long	Depth-km	Mag	Magt	DLSEAW	Sq	C	FInS	AeMd	lStnPhs	NdGap	Clstdst	Clstn	Nation	Nreg	Canr	FIMM	FER	
S	19500629	0913	33.00	L	49.9000	-68.1000	0.00km	4.3MN	Z A!			0	1	0	0	0	0.00	CANADA	447	0	1	<>	
E	GSC	0.00	0.00	0.00	0.00	0.00	(0.00	0.00	0.00	0.0)	CEEF91			19500629.0913002	19500629.0913002	19500629.0913002	19500629.0913002	19500629.0913002	19500629.0913002	19500629.0913002	19500629.0913002	19950718<>	
M	*MN	4.3	(0.0)	2								GSC	1	19500629.0913002								19950718	
C	MAP # :022F correction year:83-																						

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H	YyyyMmDd	HhMm	Ss.sssEq	Lat	Long	Depth-km	Mag	Magt	DLSEAW	Sq	C	FInS	AeMdl	StnPhs	NdGap	Clstdst	Clstn	Nation	Nreg	Canr	FIMM	FER			
S	19521014	2203	51.776L	47.8000	-69.8000	18.00km	5.3MN	HGB	F	F 0	0	10	8	12	0138	108.01SFA	CANADA	448	0	2	<>				
E	GSC	3.14	0.95	0.00	0.00	0.00	(0.00	0.00	0.00	0.00	0.0)	JD	mau	19521014.2203005	19521014.2203005	19521014.2203005	19521014.2203005	19521014.2203005	19521014.2203005	19521014.2203005	19521014.2203005	19521014.2203005			
M	*MN	5.3	(0.1)	2									GSC	1	19521014.2203005							19960605			
M	ML	5.3	()	3									GSC	3	19521014.2203005							19960605			
C	CHARLEVOIX SEISMIC ZONE, QUEBEC;																								
C	FELT ON BOTH SHORES OF THE ST.LAWRENCE RIVER.																								
F	Zone Seismique de Charlevoix, Que.																								
F	Resenti sur les deux rives du fleuve St-Laurent.																								
I	SEE ISOSEISMAL MAP IN SMITH 1966																								
I	48.104-	69.652	F1MN=5.3	2203419										2	19521014.2203005							19960605			
I	48.02	69.78	ML=5.6	2203413										3	19521014.2203005							19960605			
I	47.8	69.8	ML=5.2	220342										4	19521014.2203005							19960605			
I	48.0	69.8		220340										5	19521014.2203005							19960605			
I	Solution pegged at Stevens (1980) solution.																								
I	This event has been relocated by A.E. Stevens																								
I	using relative arrival times.																								
I	The reference is:																								
I	Stevens, A.E. (1980). Reexamination of some larger																								
I	La Malbaie, Quebec earthquakes (1924-1978).																								
I	Bull. Seism. Soc. Am. 70, No. 2, pp. 529-557.																								
I	Stevens refers to a ML 5.6.																								
I	Modified/Reentered in database in June 1996 by Maurice Lamontagne.																								
I	Previous solution in database:																								
I	19521014	2203	44.600L	47.8000	-69.8000	18.00km	5.20MN	HOA	F	F 0	0	0		16	19521014.2203005							19960605			
I	NOTE ON SMITH'S CARD:																								
I	A PAPER ON THIS SHOCK WILL BE PUBLISHED IN THE PUBLICATIONS OF THE																								
I	DOMINION OBSERVATORY																								
I																									
I	SFA: ADDITIONAL PHASE AT 04068, MAY BE 'PN' PHASE																								
I	OTT: MILNE SHAW, 3MM @ ? SECONDS																								
I	HAL: LP BENIOFF 12MM @ 1.5 SECONDS, K=1700																								
I	EW SPRENGNETHER 5MM @ 2.0 SECONDS, K=500																								
I	RES,WES AND HRV ADDED FROM ISS																								
I	WES: AMPLITUDE FROM EBEL, "NORTHEASTERN EARTHQUAKE MAGNITUDES FROM																								
I	1938 TO 1975." ; HOWEVER WES MAGNIFICATION UNCERTAIN.																								
I																									
I	COMMENTS BY PENNEY (STUDENT FOR J.ADAMS 1990)																								
I	EPICENTRE IN CEEF AFTER STEVENS 1980																								
I	PEGGED AT STEVENS' EPICENTRE																								
I	CEEF MAGNITUDE IS ML SEE COMMENT IN "NEW PROBABILISTIC STRONG GROUND																								
I	MOTION MAPS OF CANADA" BASHAM ET AL. WHICH STATES: "ML FROM NEAREST																								
I	STATION CONSIDERED MORE REPRESENTATIVE."																								
I	MN MAGNITUDE PREFERED																								
I																									
H	Stn--Ch-Ph--	UQHhmm	Ss.sssFm	Tres	Wt	Dst_km	Az	OcMag	UTp	M_resPer	Mag_f	Amp	QA_hm	ss.sssT_cor	TR_c	ST_c	AutSnr	Slow	L_a	tm_az	M_emerD_qc_ph	LcEmer	Delta		
AgencySource	Tsf					Smdl	Comment		Groupid		Arrid		Solid		Arr_date	tm	Update								
P SFA	SZ PG	2204	04.80	L	-0.335	1.00	108.01	226.2SW					XMN	0.0	0.00	0.0	66000.00		0.00				-80.5	0.97	GSC
GSC														19521014.2204007	19521014.2204007	19521014.2203005	19521014	19960605				<>			
P SFA	SZ Trac	Y2204	05.80	L			108.01	226.2SW					5.2 MN	-0.1	0.40	2.0	66000.00		0.00				-81.0	0.97	GSC
GSC														19521014.2204007	19521014.2204002	19521014.2203005	19521014	19960605				<>			
P SHF	SZ PN	2204	22.90	L	-1.171	1.00	264.20	239.4SW					XMN	0.0	0.00	0.0	0.00		0.00				-86.1	2.38	GSC
GSC														19521014.2204008	19521014.2204008	19521014.2203005	19521014	19960605				<>			
P SHF	SZ SN	2204	53.90	L	5.780	1.00	264.20	239.4SW					XMN	0.0	0.00	0.0	0.00		0.00				-86.1	2.38	GSC
GSC														19521014.2204008	19521014.2204009	19521014.2203005	19521014	19960605				<>			
P OTT	SZ PN	2204	55.00	L	-1.021	1.00	526.50	241.6SW					XMN	0.0	0.00	0.0	3000.00		0.00				-88.0	4.73	GSC
GSC														19521014.2204010	19521014.2204010	19521014.2203005	19521014	19960605				<>			
P OTT	SZ Trac	Y2204	56.00	L			526.50	241.6SW					XMN	0.0	0.00	0.0	3000.00		0.00				49.0	4.73	GSC
GSC														19521014.2204010	19521014.2204006	19521014.2203005	19521014	19960605				<>			
P OTT	SZ SN	2205	49.00	L	5.137	1.00	526.50	241.6SW					XMN	0.0	0.00	0.0	3000.00		0.00				-88.0	4.73	GSC
GSC														19521014.2204010	19521014.2205009	19521014.2203005	19521014	19960605				<>			
P HAL	SZ Trac	Y2203	45.60	L			594.19	124.0SE					5.1XMN	-0.2	1.50	2.0	12000.00		0.00				49.0	5.34	GSC
GSC														19521014.2203001	19521014.2203001	19521014.2203005	19521014	19960605				<>			
P HAL	SZ PN	2205	03.50	L	-0.773	1.00	594.19	124.0SE					XMN	0.0	0.00	0.0	5000.00		0.00				-88.3	5.34	GSC
GSC														19521014.2203001	19521014.2205010	19521014.2203005	19521014	19960605				<>			
P HAL	SZ Trac	Y2205	04.50	L			594.19	124.0SE					4.9XMN	-0.4	2.00	1.0	5000.00		0.00				49.0	5.34	GSC
GSC														19521014.2203001	19521014.2205004	19521014.2203005	19521014	19960605				<>			
P HAL	SZ SN	2205	58.50	L	0.241	1.00	594.19	124.0SE					XMN	0.0	0.00	0.0	5000.00		0.00				-88.3	5.34	GSC
GSC														19521014.2203001	19521014.2205011	19521014.2203005	19521014	19960605				<>			

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P TRM	SZ	PN	2059	12.30	L	-0.212	1.00	397.03	184.3S	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.1	3.57	GSC
GSC										19761023.2059056	19761023.2059056	19761023.2058004	19761023	19960605<>						
P TRM	SZ	PG	XB2059	24.00	L	1.491	0.00	397.03	184.3S	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	-87.4	3.57	GSC
GSC										19761023.2059056	19761023.2059057	19761023.2058004	19761023	19960605<>						
P PNY	SZ	PN	2059	17.50	L	0.202	1.00	436.34	221.8SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.1	3.92	GSC
GSC										19761023.2059058	19761023.2059058	19761023.2058004	19761023	19960605<>						
P ESJ	SZ	PN	2059	18.00	L	0.187	1.00	440.41	214.7SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.1	3.96	GSC
GSC										19761023.2059059	19761023.2059059	19761023.2058004	19761023	19960605<>						
P BRVT	SZ	PN	2059	20.20	L	0.826	1.00	453.55	208.7SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.1	4.08	GSC
GSC										19761023.2059060	19761023.2059060	19761023.2058004	19761023	19960605<>						
P BRVT	SZ	SN	XB2100	04.20	L	-0.471	0.00	453.55	208.7SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.4	4.08	GSC
GSC										19761023.2059060	19761023.2100026	19761023.2058004	19761023	19960605<>						
P BRVT	SZ	SG	XB2100	23.10	L	-2.455	0.00	453.55	208.7SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	-87.7	4.08	GSC
GSC										19761023.2059060	19761023.2100027	19761023.2058004	19761023	19960605<>						
P WNH	SZ	PN	XB2059	17.20	L	-2.376	0.00	455.05	195.6S	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.1	4.09	GSC
GSC										19761023.2059061	19761023.2059061	19761023.2058004	19761023	19960605<>						
P MIQ	SZ	PN	2059	23.00	D	-0.806	1.00	489.72	253.0W	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.1	4.40	GSC
GSC										19761023.205800.A.ECTN	tsf added Apr 04	19761023.2059063	19761023.2059063	19761023.2058004	19761023	19960605<>				
P MIQ	SZ	SN	XB2100	14.00	L	1.597	0.00	489.72	253.0W	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.4	4.40	GSC
GSC										19761023.205800.A.ECTN	tsf added Apr 04	19761023.2059063	19761023.2100030	19761023.2058004	19761023	19960605<>				
P MIQ	SZ	SG	XB2100	35.00	L	-0.677	0.00	489.72	253.0W	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	-87.9	4.40	GSC
GSC										19761023.205800.A.ECTN	tsf added Apr 04	19761023.2059063	19761023.2100031	19761023.2058004	19761023	19960605<>				
P WNY	SZ	PN	2059	23.70	L	-0.091	1.00	489.94	220.4SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.1	4.41	GSC
GSC										19761023.2059062	19761023.2059062	19761023.2058004	19761023	19960605<>						
P WNY	SZ	SN	XB2100	17.00	L	4.623	0.00	489.94	220.4SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.4	4.41	GSC
GSC										19761023.2059062	19761023.2100028	19761023.2058004	19761023	19960605<>						
P WNY	SZ	SG	XB2100	33.00	L	-2.742	0.00	489.94	220.4SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	-87.9	4.41	GSC
GSC										19761023.2059062	19761023.2100029	19761023.2058004	19761023	19960605<>						
P HNH	SZ	PN	2059	25.00	L	0.626	1.00	494.37	203.1SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.1	4.45	GSC
GSC										19761023.2059064	19761023.2059064	19761023.2058004	19761023	19960605<>						
P HNH	SZ	SN	XB2100	14.50	L	1.106	0.00	494.37	203.1SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.4	4.45	GSC
GSC										19761023.2059064	19761023.2100032	19761023.2058004	19761023	19960605<>						
P HNH	SZ	SG	XB2100	35.00	L	-1.976	0.00	494.37	203.1SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	-87.9	4.45	GSC
GSC										19761023.2059064	19761023.2100033	19761023.2058004	19761023	19960605<>						
P MDV	SZ	PN	2059	25.20	L	0.606	1.00	496.13	212.3SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.1	4.46	GSC
GSC										19761023.2059065	19761023.2059065	19761023.2058004	19761023	19960605<>						
P OTT	SZ	Trac	Y2000	40.00	L			522.30	241.0SW	4.2 MN	-0.0	0.30	88.0	17000.00	0.00	0.00	0.00	49.0	4.70	GSC
GSC										19761023.2000002	19761023.2000002	19761023.2058004	19761023	19960605<>						
P OTT	SZ	PN	2059	29.00	L	1.208	1.00	522.30	241.0SW	XMN	0.0	0.00	0.0	17000.00	0.00	0.00	0.00	49.1	4.70	GSC
GSC										19761023.2000002	19761023.2059066	19761023.2058004	19761023	19960605<>						
P OTT	SZ	SN	XB2100	23.00	L	3.643	0.00	522.30	241.0SW	XMN	0.0	0.00	0.0	17000.00	0.00	0.00	0.00	49.4	4.70	GSC
GSC										19761023.2000002	19761023.2100034	19761023.2058004	19761023	19960605<>						
P OTT	SZ	SG	XB2100	39.00	L	-5.795	0.00	522.30	241.0SW	XMN	0.0	0.30	88.0	17000.00	0.00	0.00	0.00	-88.0	4.70	GSC
GSC										19761023.2000002	19761023.2100035	19761023.2058004	19761023	19960605<>						
P DNH	SZ	PN	2059	28.20	L	-0.337	1.00	528.37	189.0S	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.1	4.75	GSC
GSC										19761023.2059067	19761023.2059067	19761023.2058004	19761023	19960605<>						
P PTN	SZ	PN	2059	30.30	L	1.055	1.00	534.36	229.4SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.1	4.81	GSC
GSC										19761023.2059068	19761023.2059068	19761023.2058004	19761023	19960605<>						
P PTN	SZ	SN	XB2100	24.80	L	2.907	0.00	534.36	229.4SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.4	4.81	GSC
GSC										19761023.2059068	19761023.2100036	19761023.2058004	19761023	19960605<>						
P PTN	SZ	SG	XB2100	48.00	L	-0.172	0.00	534.36	229.4SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	-88.1	4.81	GSC
GSC										19761023.2059068	19761023.2100037	19761023.2058004	19761023	19960605<>						
P CTR	SZ	PN	2059	33.40	L	0.473	1.00	564.85	220.7SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.1	5.08	GSC
GSC										19761023.2059069	19761023.2059069	19761023.2058004	19761023	19960605<>						
P CTR	SZ	SN	XB2100	29.40	L	1.083	0.00	564.85	220.7SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.4	5.08	GSC
GSC										19761023.2059069	19761023.2100038	19761023.2058004	19761023	19960605<>						
P CTR	SZ	SG	XB2100	51.00	L	-5.711	0.00	564.85	220.7SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	-88.2	5.08	GSC
GSC										19761023.2059069	19761023.2100039	19761023.2058004	19761023	19960605<>						
P CLY	SZ	PN	2059	34.00	L	0.892	1.00	566.33	220.5SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.1	5.09	GSC
GSC										19761023.2059070	19761023.2059070	19761023.2058004	19761023	19960605<>						
P CLY	SZ	SG	XB2100	52.60	L	-4.525	0.00	566.33	220.5SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	-88.2	5.09	GSC
GSC										19761023.2059070	19761023.2100040	19761023.2058004	19761023	19960605<>						
P EGN	SZ	PN	2059	34.80	L	1.582	1.00	567.20	220.7SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.1	5.10	GSC
GSC										19761023.2059072	19761023.2059072	19761023.2058004	19761023	19960605<>						
P EGN	SZ	SG	XB2100	51.70	L	-5.669	0.00	567.20	220.7SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	-88.2	5.10	GSC
GSC										19761023.2059072	19761023.2100042	19761023.2058004	19761023	19960605<>						
P OCN	SZ	PN	2059	34.30	L	1.085	1.00	567.31	221.2SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	49.1	5.10	GSC
GSC										19761023.2059071	19761023.2059071	19761023.2058004	19761023	19960605<>						
P OCN	SZ	SG	XB2100	50.50	L	-6.901	0.00	567.31	221.2SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	-88.2	5.10	GSC
GSC										19761023.2059071	19761023.2100041	19761023.2058004	19761023	1996060						

selectM4+1920-2007.npf

GSC									19761023.2059073	19761023.2059073	19761023.2058004	19761023	19960605<>						
P APH	SZ	SG	XB2100	53.50	L	-4.527	0.00	569.55	220.7SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	-88.2	5.12	GSC
GSC																			
P GLO	SZ	PN	2059	34.40	L	-0.410	1.00	579.79	186.9S	XMN	0.0	0.00	0.0	0.00	0.00	0.00	49.1	5.21	GSC
GSC																			
P WFM	SZ	PN	2059	36.70	L	0.299	1.00	592.90	192.9S	XMN	0.0	0.00	0.0	0.00	0.00	0.00	49.1	5.33	GSC
GSC																			
P HAL	SZ	Trac	Y2001	07.40	L			600.41	123.8SE	3.9XMN	-0.3	0.60	69.0	11000.03	0.00	0.00	49.0	5.40	GSC
GSC																			
P HAL	SZ	PN	2059	36.70	L	-0.619	1.00	600.41	123.8SE	XMN	0.0	0.00	0.0	11000.03	0.00	0.00	49.1	5.40	GSC
GSC																			
P HAL	SZ	PG	XB2059	51.00	L	-4.289	0.00	600.41	123.8SE	XMN	0.0	0.00	0.0	11000.03	0.00	0.00	-88.3	5.40	GSC
GSC																			
P HAL	SZ	SN	XB2100	35.40	L	-0.578	0.00	600.41	123.8SE	XMN	0.0	0.00	0.0	11000.03	0.00	0.00	49.4	5.40	GSC
GSC																			
P HAL	SZ	SG	XB2101	06.40	L	-0.263	0.00	600.41	123.8SE	XMN	0.0	0.60	69.0	11000.03	0.00	0.00	-88.3	5.40	GSC
GSC																			
P ALX	SZ	PN	2059	38.40	L	0.112	1.00	608.41	232.5SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	49.1	5.47	GSC
GSC																			
P ALX	SZ	PG	XB2059	55.00	L	-1.579	0.00	608.41	232.5SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	-88.3	5.47	GSC
GSC																			
P WES	SZ	Trac	Y2001	05.00	L			614.92	191.2S	4.3 MN	0.0	1.00	50.0	28000.00	0.00	0.00	49.0	5.53	GSC
GSC																			
P WES	SZ	PN	XB2059	42.00	L	2.912	0.00	614.92	191.2S	XMN	0.0	0.00	0.0	28000.00	0.00	0.00	49.1	5.53	GSC
GSC																			
P WES	SZ	PG	XB2059	55.00	L	-2.628	0.00	614.92	191.2S	XMN	0.0	0.00	0.0	28000.00	0.00	0.00	-88.3	5.53	GSC
GSC																			
P WES	SZ	SG	XB2101	04.00	L	-6.725	0.00	614.92	191.2S	XMN	0.0	1.00	50.0	28000.00	0.00	0.00	-88.3	5.53	GSC
GSC																			
P FLR	SZ	PN	XB2059	53.50	L	5.784	0.00	685.66	188.7S	XMN	0.0	0.00	0.0	0.00	0.00	0.00	49.1	6.17	GSC
GSC																			
P FLR	SZ	PG	XB2100	10.00	L	0.967	0.00	685.66	188.7S	XMN	0.0	0.00	0.0	0.00	0.00	0.00	-88.5	6.17	GSC
GSC																			
P FLR	SZ	SN	XB2100	52.50	L	-1.618	0.00	685.66	188.7S	XMN	0.0	0.00	0.0	0.00	0.00	0.00	49.4	6.17	GSC
GSC																			
P FLR	SZ	SG	XB2101	32.10	L	1.568	0.00	685.66	188.7S	XMN	0.0	0.00	0.0	0.00	0.00	0.00	-88.5	6.17	GSC
GSC																			
P SCH	SZ	PN	2100	02.00	L	-0.647	1.00	808.49	14.3N	XMN	0.0	0.00	0.0	29000.00	0.00	0.00	49.1	7.27	GSC
GSC																			
P SCH	SZ	SN	XB2101	20.00	L	-0.168	0.00	808.49	14.3N	XMN	0.0	0.00	0.0	29000.00	0.00	0.00	49.4	7.27	GSC
GSC																			
P SCH	SZ	SG	XB2102	00.00	L	-4.933	0.00	808.49	14.3N	XMN	0.0	0.30	103.0	29000.00	0.00	0.00	-88.7	7.27	GSC
GSC																			
P SCH	SZ	Trac	Y2102	01.00	L			808.49	14.3N	4.7 MN	0.5	0.30	103.0	29000.00	0.00	0.00	49.0	7.27	GSC
GSC																			
P TBR	SZ	SG	XB2102	04.00	L	-3.774	0.00	818.65	206.5SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	-88.7	7.36	GSC
GSC																			
P GPD	SZ	SG	XB2102	11.30	L	-2.273	0.00	839.35	207.4SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	-88.8	7.55	GSC
GSC																			
P DNY	SZ	SG	XB2102	10.50	L	-7.026	0.00	853.46	232.6SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	-88.8	7.68	GSC
GSC																			
P SUD	SZ	SN	XB2101	31.00	L	1.087	0.00	854.08	263.9W	XMN	0.0	0.00	0.0	9000.00	0.00	0.00	49.4	7.68	GSC
GSC																			
P SUD	SZ	SG	XB2102	17.00	L	-0.697	0.00	854.08	263.9W	XMN	0.0	0.90	42.0	9000.00	0.00	0.00	-88.8	7.68	GSC
GSC																			
P SUD	SZ	Trac	Y2102	18.00	L			854.08	263.9W	4.1 MN	-0.1	0.90	42.0	9000.00	0.00	0.00	49.0	7.68	GSC
GSC																			
P LGQ	SZ	PN	2100	08.00	L	-0.468	1.00	855.95	322.7NW	XMN	0.0	0.00	0.0	11500.00	0.00	0.00	49.1	7.70	GSC
GSC																			
P LGQ	SZ	SN	XB2101	30.00	L	-0.325	0.00	855.95	322.7NW	XMN	0.0	0.00	0.0	11500.00	0.00	0.00	49.4	7.70	GSC
GSC																			
P LGQ	SZ	SG	XB2102	13.00	L	-5.220	0.00	855.95	322.7NW	XMN	0.0	0.50	72.0	11500.00	0.00	0.00	-88.8	7.70	GSC
GSC																			
P LGQ	SZ	Trac	Y2102	14.00	L			855.95	322.7NW	4.3 MN	0.0	0.50	72.0	11500.00	0.00	0.00	49.0	7.70	GSC
GSC																			
P PQN	SZ	SG	XB2102	18.50	L	-1.719	0.00	863.09	210.6SW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	-88.8	7.76	GSC
GSC																			
P PBQ	SZ	SG	XB2102	52.00	L	-4.489	0.00	992.60	329.7NW	XMN	0.0	0.60	70.0	15000.00	0.00	0.00	-89.0	8.93	GSC
GSC																			
P PBQ	SZ	Trac	Y2102	53.00	L			992.60	329.7NW	4.4 MN	0.2	0.60	70.0	15000.00	0.00	0.00	49.0	8.93	GSC
GSC																			


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M *MN 5.0 ( 0.1) 10 GSC 1 19790819.2249012
M ML 5.3 ( ) 6 GSC 4 19790819.2249012
M MB 4.6 ( -0.0) 22 GSC 5 19790819.2249012
M MS 4.5 ( -0.0) 22 GSC 6 19790819.2249012
C Felt; CHARLEVOIX SEISMIC ZONE, QUE. 1 19790819.2249012 19990212
C MAP # :021N correction year: - 2 19790819.2249012 19990212
C About 8 km SE of St-Fidèle, Que. 3 19790819.2249012 19990212
C Felt in Quebec, New Brunswick and Maine. 4 19790819.2249012 19990212
C Maximum intensity MM V. Minor damage in the epicentral region 5 19790819.2249012 19990212
C Three damaged chimneys on the North Shore. 6 19790819.2249012 19990212
C Followed by at least 6 aftershocks in the first 24 hours (largest is MN 3.0). 7 19790819.2249012 19990212
C Isoseismals, aftershocks and focal mechanism are described in: 8 19790819.2249012 19990212
C The Charlevoix earthquake of 19 August 1979 and its seismotectonic environment. 9 19790819.2249012 19990212
C Hasegawa and Wetmiller, 1980. Earthquake notes, 51, 23-37. 10 19790819.2249012 19990212
C SEE FIGURE 6 for isoseismals. 11 19790819.2249012 19990212
C MAG(NEIS) 4.6 MB ON 22 stations 12 19790819.2249012 19990212
C MAG(NEIS) 4.5 MS ON 2 stations. 13 19790819.2249012 19990212
C SIC, HAL AND IGL not operating. 14 19790819.2249012 19990212
C 15 19790819.2249012 19990212
F Ressenti; ZONE SEISMIQUE DE CHARLEVOIX, QUE. 1 19790819.2249012 19990212
F Environ a 8 KM au SE de St-Fidèle, Que. 2 19790819.2249012 19990212
F Ressenti au Quebec, Dans le Maine et au Nouveau-Brunswick. 3 19790819.2249012 19990212
F Intensite maximale MM V. Degats mineurs dans la zone epicentrale. 4 19790819.2249012 19990212
F Trois cheminees endommagees sur la rive nord. 5 19790819.2249012 19990212
F Suivi d'au moins 6 repliques dans les premieres 24 heures (le plus grand MN 3,0) 6 19790819.2249012 19990212
F Les isoseistes, les repliques et le mecanisme au foyer sont decrits dans: 7 19790819.2249012 19990212
F The Charlevoix earthquake of 19 August 1979 and its seismotectonic environment. 8 19790819.2249012 19990212
F Hasegawa and Wetmiller, 1980. Earthquake notes, 51, 23-37. 9 19790819.2249012 19990212
F VOIR LA FIGURE 6 pour les isoseistes. 10 19790819.2249012 19990212
F MAG(NEIS) 4.6 MB DE 22 stations. 11 19790819.2249012 19990212
F MAG(NEIS) 4.5 MS DE 2 stations; 12 19790819.2249012 19990212
F SIC, HAL ET IGL en panne. 13 19790819.2249012 19990212
I +47.67 - 69.90 F1MN=0.0 224931. 19081979 0 0 0 4 8 0 Z210 1 19790819.2249012 19990212
I 047.73 - 70.02 F1MN=5.0 224930. 19081979 0 0.02 0.03 0.1 22 47 10 1.7 218LMQ 3 2 19790819.2249012 19990212
I Pegged at published solution of Hasegawa and Wetmiller (1980). 3 19790819.2249012 19990212
I April 1996, Maurice Lamontagne completed the pikfile with some first motions, 4 19790819.2249012 19990212
I phase readings and additional comments. All ISC phase data for canadian statio 5 19790819.2249012 19990212
I and for all stations of epicentral distance < 2000 km were added. 6 19790819.2249012 19990212
I 7 19790819.2249012 19990212
I 8 19790819.2249012 19990212
I FIRST MOTIONS: 9 19790819.2249012 19990212
I Charlevoix network fm's read from analogue display. 10 19790819.2249012 19990212
I A10 first motion looks uncertain: very weak C then D. 11 19790819.2249012 19990212
I A54 Noisy at the time. 12 19790819.2249012 19990212
I 13 19790819.2249012 19990212
I ECTN fm's: MNT, MNQ, GNT, MIQ, LBQ all re-checked. 14 19790819.2249012 19990212
I No fm on OTT, LDQ, LAQ: too noisy. 15 19790819.2249012 19990212
I FHO fm (FORMERLY C) was taken out: Too noisy to pick. 16 19790819.2249012 19990212
I 17 19790819.2249012 19990212
I New England fm's: Used file folder that contained some fm data. 18 19790819.2249012 19990212
I Some original records were found. 19 19790819.2249012 19990212
I BPM fm was read as C but polarity is uncertain: not entered. 20 19790819.2249012 19990212
I FLET fm is up but polarity is reversed: entered as D. 21 19790819.2249012 19990212
I 22 19790819.2249012 19990212
I Teleseismic distances: First motions from ISC Bulletin (some might be 23 19790819.2249012 19990212
I questionable). 24 19790819.2249012 19990212
I fm on FHO; SUD; OTT; LAQ,: too weak.
H Stn--Ch-Ph--UQHhmm Ss.sssFm-Tres-----Wt---Dst_km--Az----Ocmag--UTp--M_resPer--Mag_f--Amp-----QA_hm ss.sssT_cor--TR_c-ST_c-AutSnr-Slow-L_a/tM_az--M_emerD_qC_ph----LcEmer-- Delta-
AgencySource Tsf-----Smdl Comment----- Groupid----- Arrid----- Solid----- Arr_date tm Update--
P A60 SZ PG 2249 33.46 D L -0.027 1.00 14.60 278.8W XMN 0.0 0.00 0.0 0.00 0.00 19790819.2249020 19790819.2249012 19790819 19990212<> -55.6 0.13 GSC
GSC 19790819.2249020 19790819.2249020 19790819.2249012 19790819 19990212<>
P A60 SZ SG 2249 35.70 L 0.086 1.00 14.60 278.8W XMN 0.0 0.00 0.0 0.00 0.00 19790819.2249020 19790819.2249012 19790819 19990212<> -55.6 0.13 GSC
GSC 19790819.2249020 19790819.2249021 19790819.2249012 19790819 19990212<>
P A20 SZ PG 2249 33.65 D L -0.038 1.00 16.30 76.6E XMN 0.0 0.00 0.0 0.00 0.00 19790819.2249022 19790819.2249022 19790819.2249012 19790819 19990212<> -58.5 0.15 GSC
GSC 19790819.2249022 19790819.2249022 19790819.2249012 19790819 19990212<>
P A20 SZ SG 2249 36.03 L 0.068 1.00 16.30 76.6E XMN 0.0 0.00 0.0 0.00 0.00 19790819.2249022 19790819.2249023 19790819.2249012 19790819 19990212<> -58.5 0.15 GSC
GSC 19790819.2249022 19790819.2249023 19790819.2249012 19790819 19990212<>
P A64 SZ PG 2249 33.77 C L -0.049 1.00 17.19 2.2N XMN 0.0 0.00 0.0 0.00 0.00 19790819.2249024 19790819.2249024 19790819.2249012 19790819 19990212<> -59.8 0.15 GSC
GSC 19790819.2249024 19790819.2249024 19790819.2249012 19790819 19990212<>
P A64 SZ SG 2249 36.30 L 0.110 1.00 17.19 2.2N XMN 0.0 0.00 0.0 0.00 0.00 19790819.2249024 19790819.2249025 19790819.2249012 19790819 19990212<> -59.8 0.15 GSC
GSC 19790819.2249024 19790819.2249025 19790819.2249012 19790819 19990212<>
P A16 SZ PG 2249 34.73 C L -0.030 1.00 23.77 199.5S XMN 0.0 0.00 0.0 0.00 0.00 19790819.2249024 19790819.2249012 19790819 19990212<> -67.2 0.21 GSC

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GSC	P A16	SZ	SG	2249	37.95	L	0.125	1.00	23.77	199.5S	19790819.2249026	19790819.2249026	19790819.2249012	19790819	19990212<>				
											XMN	0.0	0.00	0.0	0.00	0.00			
GSC	P LMQ	SZ	PG	2249	36.50	D	0.032	1.00	34.86	246.9SW	19790819.2249026	19790819.2249027	19790819.2249012	19790819	19990212<>				
											XMN	0.0	0.00	0.0	0.00	0.00			
GSC	P POC	SZ	PG	B2249	37.00	C	0.394	1.00	35.86	197.2S	19790819.2249028	19790819.2249028	19790819.2249012	19790819	19990212<>				
											XMN	0.0	0.00	0.0	0.00	0.00			
GSC	P A10	SZ	PG	2249	39.30	L	0.116	1.00	52.27	205.0SW	19790819.2249029	19790819.2249029	19790819.2249012	19790819	19990212<>				
											XMN	0.0	0.00	0.0	0.00	0.00			
GSC	P A10	SZ	SG	2249	45.92	L	0.412	1.00	52.27	205.0SW	19790819.2249030	19790819.2249030	19790819.2249012	19790819	19990212<>				
											XMN	0.0	0.00	0.0	0.00	0.00			
GSC	P D2A	SZ	PG	XB2249	44.50	D	0.448	0.00	82.75	136.5SE	19790819.2249030	19790819.2249031	19790819.2249012	19790819	19990212<>				
											XMN	0.0	0.00	0.0	0.00	0.00			
GSC	P CHQ	SZ	PG	XB2249	52.80	D	0.033	0.00	137.06	231.1SW	19790819.2249032	19790819.2249032	19790819.2249012	19790819	19990212<>				
											XMN	0.0	0.00	0.0	0.00	0.00			
GSC	P CHQ	SZ	SG	XB2250	09.80	L	0.702	0.00	137.06	231.1SW	19790819.2249033	19790819.2249033	19790819.2249012	19790819	19990212<>				
											XMN	0.0	0.00	0.0	0.00	0.00			
GSC	P QCQ	SZ	PG	YY	.	D			143.97	226.9SW	19790819.2249033	19790819.2250019	19790819.2249012	19790819	19990212<>				
											X	0.0	0.00	0.0	0.0	0.0			
	P CBM	SZ	PN	XB2249	56.1	D	-0.268	0.00	157.85	120.8SE	19790819.	004	19790819.	004	19790819.2249012	19790819	19990212<>		
											X	0.0	0.00	0.0	0.0	0.0			
	P HNME	SZ	PN	XB2250	04.2	C	-0.074	0.00	222.64	138.4SE	19790819.2249034	19790819.2249034	19790819.2249012	19790819	19990212<>				
											X	0.0	0.00	0.0	0.0	0.0			
	P JKM	SZ	PN	XB2250	04.9	D	0.256	0.00	225.83	186.8S	19790819.2250020	19790819.2250020	19790819.2249012	19790819	19990212<>				
											X	0.0	0.00	0.0	0.0	0.0			
	P JKM	SZ	PN	XB2250	11.15	L	6.506	0.00	225.83	186.8S	19790819.2250021	19790819.2250021	19790819.2249012	19790819	19990212<>				
											X	0.0	0.00	0.0	0.0	0.0			
	P GNT	SZ	PN	XA2250	06.14	D	-0.004	0.00	237.81	233.1SW	19790819.2250021	19790819.2250022	19790819.2249012	19790819	19990212<>				
											XMN	0.0	0.00	0.0	12000.00	0.00			
GSC	19790819.224906.A.ECTN										tsf added Apr 04	19790819.2250023	19790819.2250023	19790819.2249012	19790819	19990212<>			
	P GNT	SZ	SG	XC2250	35.00	L	-2.271	0.00	237.81	233.1SW	19790819.2250023	19790819.2250023	19790819.2249012	19790819	19990212<>				
											XMN	0.0	0.52	3.0	12000.00	0.00			
GSC	19790819.224906.A.ECTN										tsf added Apr 04	19790819.2250023	19790819.2250024	19790819.2249012	19790819	19990212<>			
	P GNT	SZ	Trac	Y2250	36.00	L			237.81	233.1SW	19790819.2250023	19790819.2250024	19790819.2249012	19790819	19990212<>				
											4.7 MN	-0.3	0.52	3.0	12000.00	0.00			
GSC	19790819.224906.A.ECTN										tsf added Apr 04	19790819.2250023	19790819.2250004	19790819.2249012	19790819	19990212<>			
	P MIM	SZ	PN	XB2250	11.2	L	0.157	0.00	278.09	165.9S	19790819.2250023	19790819.2250004	19790819.2249012	19790819	19990212<>				
											X	0.0	0.00	0.0	0.0	0.0			
	P UNB	SZ	PN	XB2250	15.20	C	-0.251	0.00	314.16	126.5SE	19790819.2250025	19790819.2250025	19790819.2249012	19790819	19990212<>				
											XMN	0.0	0.00	0.0	0.00	0.00			
GSC	P UNB	SZ	PG	XC2250	26.00	L	4.702	0.00	314.16	126.5SE	19790819.2250026	19790819.2250026	19790819.2249012	19790819	19990212<>				
											XMN	0.0	0.00	0.0	0.00	0.00			
	P MNQ	SZ	PN	XA2250	16.54	C	-0.657	0.00	328.92	14.1N	19790819.2250026	19790819.2250027	19790819.2249012	19790819	19990212<>				
											XMN	0.0	0.00	0.0	22500.00	0.00			
GSC	19790819.224906.A.ECTN										tsf added Apr 04	19790819.2250028	19790819.2250028	19790819.2249012	19790819	19990212<>			
	P MNQ	SZ	PG	XB2250	20.39	L	-3.289	0.00	328.92	14.1N	19790819.2250028	19790819.2250028	19790819.2249012	19790819	19990212<>				
											XMN	0.0	0.00	0.0	22500.00	0.00			
GSC	19790819.224906.A.ECTN										tsf added Apr 04	19790819.2250028	19790819.2250029	19790819.2249012	19790819	19990212<>			
	P MNQ	SZ	SG	XC2250	59.00	L	-3.781	0.00	328.92	14.1N	19790819.2250028	19790819.2250030	19790819.2249012	19790819	19990212<>				
											XMN	0.0	0.29	5.0	22500.00	0.00			
GSC	19790819.224906.A.ECTN										tsf added Apr 04	19790819.2250028	19790819.2250030	19790819.2249012	19790819	19990212<>			
	P MNQ	SZ	Trac	Y2251	00.00	L			328.92	14.1N	19790819.2250028	19790819.2250030	19790819.2249012	19790819	19990212<>				
											5.3 MN	0.3	0.29	5.0	22500.00	0.00			

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P HNH	SZ PN	XB2250	35.9	C L	0.405	0.00	478.63	203.7SW	X	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.1	4.30	
P GAC	SZ PN	YY	.	D L			479.66	244.9SW	X	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.1	4.31	
P MDV	SZ PN	XC2250	36.2	D L	0.359	0.00	481.43	213.2SW	X	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.1	4.33	
P MIQ	SZ PN	XA2250	34.77	D L	-1.333	0.00	483.63	254.8W	XMN	0.0	0.00	0.0	22500.00	0.00	0.00	0.00	0.00	0.00	49.1	4.35	GSC
GSC																					
P MIQ	SZ PG	XB2250	44.64	L	-3.983	0.00	483.63	254.8W	XMN	0.0	0.00	0.0	22500.00	0.00	0.00	0.00	0.00	0.00	-88.8	4.35	GSC
GSC																					
P MIQ	SZ SG	XC2251	42.00	L	-4.101	0.00	483.63	254.8W	XMN	0.0	0.62	7.0	22500.00	0.00	0.00	0.00	0.00	0.00	-88.8	4.35	GSC
GSC																					
P MIQ	SZ Trac	Y2251	43.00	L			483.63	254.8W	5.1 MN	0.1	0.62	7.0	22500.00	0.00	0.00	0.00	0.00	0.00	49.0	4.35	GSC
GSC																					
P MSNY	SZ PN	Y	.	C L			484.13	233.9SW	X	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.1	4.35	
P OTT	SZ PN	XC2250	39.00	L	-0.713	0.00	513.13	242.6SW	XMN	0.0	0.00	0.0	19500.00	0.00	0.00	0.00	0.00	0.00	49.1	4.61	GSC
GSC																					
P OTT	SZ PG	XB2250	49.67	L	-3.709	0.00	513.13	242.6SW	XMN	0.0	0.00	0.0	19500.00	0.00	0.00	0.00	0.00	0.00	-88.9	4.61	GSC
GSC																					
P OTT	SZ SG	XB2251	50.92	L	-3.442	0.00	513.13	242.6SW	XMN	0.0	0.49	10.0	19500.00	0.00	0.00	0.00	0.00	0.00	-88.9	4.61	GSC
GSC																					
P OTT	SZ Trac	Y2251	51.92	L			513.13	242.6SW	5.0 MN	0.0	0.49	10.0	19500.00	0.00	0.00	0.00	0.00	0.00	49.0	4.61	GSC
GSC																					
P PTN	SZ PN	XX2250	40.8	D L	-0.050	0.00	522.59	230.6SW	X	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.1	4.70	
P IVT	SZ PN	XB2250	40.3	L	-0.582	0.00	522.90	209.2SW	X	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.1	4.70	
P FHO	SZ PN	XB2250	42.75	L	-0.666	0.00	543.49	245.3SW	XMN	0.0	0.00	0.0	19000.00	0.00	0.00	0.00	0.00	0.00	49.1	4.89	GSC
GSC																					
P FHO	SZ PG	XC2250	54.00	L	-4.275	0.00	543.49	245.3SW	XMN	0.0	0.00	0.0	19000.00	0.00	0.00	0.00	0.00	0.00	-88.9	4.89	GSC
GSC																					
P FHO	SZ Trac	Y2250	55.00	L			543.49	245.3SW	5.0 MN	0.0	0.52	9.0	19000.00	0.00	0.00	0.00	0.00	0.00	49.0	4.89	GSC
GSC																					
P APH	SZ PN	XB2250	44.7	D L	-0.205	0.00	556.12	221.7SW	X	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.1	5.00	
P CROG	SZ PN	Y	.	D L			599.21	227.7SW	X	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.1	5.39	
P SCH	SZ PN	XB2251	16.50	D L	-1.181	0.00	824.84	14.1N	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	49.1	7.42	GSC
GSC																					
P SCH	SZ SN	XC2252	36.00	L	-1.300	0.00	824.84	14.1N	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	49.4	7.42	GSC
GSC																					
P SCH	SZ SG	XC2253	17.00	L	-4.668	0.00	824.84	14.1N	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	-89.3	7.42	GSC
GSC																					
P LBQ	SZ PN	XA2251	17.45	D L	-1.967	0.00	838.79	323.9NW	XMN	0.0	0.00	0.0	21000.00	0.00	0.00	0.00	0.00	0.00	49.1	7.54	GSC
GSC																					
P LBQ	SZ SN	XC2252	39.00	L	-1.329	0.00	838.79	323.9NW	XMN	0.0	0.00	0.0	21000.00	0.00	0.00	0.00	0.00	0.00	49.4	7.54	GSC
GSC																					
P LBQ	SZ SG	XC2253	19.00	L	-6.573	0.00	838.79	323.9NW	XMN	0.0	0.47	17.0	21000.00	0.00	0.00	0.00	0.00	0.00	-89.3	7.54	GSC
GSC																					
P LBQ	SZ Trac	Y2253	20.00	L			838.79	323.9NW	5.2 MN	0.2	0.47	17.0	21000.00	0.00	0.00	0.00	0.00	0.00	49.0	7.54	GSC
GSC																					
P LAQ	SZ PN	XB2251	18.41	L	-2.234	0.00	848.85	326.4NW	X	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.1	7.63	
P SUD	SZ PN	XC2251	18.00	L	-2.888	0.00	850.92	265.0W	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	49.1	7.65	GSC
GSC																					
P SUD	SZ SN	XC2252	42.00	L	-0.895	0.00	850.92	265.0W	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	49.4	7.65	GSC
GSC																					
P SUD	SZ SG	XC2253	25.00	L	-3.971	0.00	850.92	265.0W	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	-89.3	7.65	GSC
GSC																					
P LDQ	SZ PN	XC2251	20.55	L	-2.013	0.00	864.60	325.0NW	X	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.1	7.78	
P LGQ	SZ PN	XB2251	20.50	D L	-2.498	0.00	868.16	323.4NW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	49.1	7.81	GSC
GSC																					
P LGQ	SZ SN	XC2252	40.00	L	-6.577	0.00	868.16	323.4NW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	49.4	7.81	GSC
GSC																					
P LGQ	SZ SG	XX2253	25.00	L	-8.799	0.00	868.16	323.4NW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	-89.3	7.81	GSC
GSC																					
P PBQ	SZ PN	XB2251	38.00	C L	-1.834	0.00	1006.07	330.2NW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	49.1	9.05	GSC
GSC																					
P PBQ	SZ SN	XX2253	17.00	L	1.051	0.00	1006.07	330.2NW	XMN	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	49.4	9.05	GSC

selectM4+1920-2007.npf

GSC										19790819.2251022	19790819.2253011	19790819.2249012	19790819	19990212<>						
P PBQ	SZ	SG	XX2254	02.00	L	-10.426	0.00	1006.07	330.2NW	XMN	0.0	0.00	0.0	0.00	0.0			-89.4	9.05	GSC
GSC										19790819.2251022	19790819.2254003	19790819.2249012	19790819	19990212<>						
P ECM	SZ	PN	XC2251	55.5	C	5.266	0.00	1091.46	213.6SW	X	0.0	0.00	0.0	0.0	0.0			49.1	9.82	
										19790819.2251023	19790819.2251023	19790819.2249012	19790819	19990212<>						
P CLE	SZ	PN	i2251	59.70	L	2.366	1.00	1149.83	237.5SW	X	0.0	0.00	0.0	0.0	0.0			49.1	10.34	
										19790819.2251024	19790819.2251024	19790819.2249012	19790819	19990212<>						
P MRG	SZ	PN	XX2252	05.20	C	1.133	0.00	1205.01	225.8SW	X	0.0	0.00	0.0	0.0	0.0			49.1	10.84	
										19790819.2252010	19790819.2252010	19790819.2249012	19790819	19990212<>						
P AAM	SZ	PN	XX2252	05.3	C	-2.601	0.00	1236.35	246.2SW	X	0.0	0.00	0.0	0.0	0.0			49.1	11.12	
										19790819.2252011	19790819.2252011	19790819.2249012	19790819	19990212<>						
P AAM	SZ	SN	XX2254	09.7	L	4.782	0.00	1236.35	246.2SW	X	0.0	0.00	0.0	0.0	0.0			49.4	11.12	
										19790819.2252011	19790819.2254004	19790819.2249012	19790819	19990212<>						
P STJ	SZ	PN	XC2252	11.5	L	-2.815	0.00	1288.85	84.1E	X	0.0	0.00	0.0	0.0	0.0			49.1	11.59	
										19790819.2252012	19790819.2252012	19790819.2249012	19790819	19990212<>						
P AN12		PN	XC2252	21.00	L	-2.192	0.00	1361.78	241.8SW	X	0.0	0.00	0.0	0.0	0.0			49.1	12.25	
										19790819.2252013	19790819.2252013	19790819.2249012	19790819	19990212<>						
P AN12		SN	XC2254	32.00	L	0.404	0.00	1361.78	241.8SW	X	0.0	0.00	0.0	0.0	0.0			49.4	12.25	
										19790819.2252013	19790819.2254005	19790819.2249012	19790819	19990212<>						
P AN12		LG	XC2255	52.00	L	-0.063	0.00	1361.78	241.8SW	X	0.0	0.00	0.0	0.0	0.0			-89.6	12.25	
										19790819.2252013	19790819.2255001	19790819.2249012	19790819	19990212<>						
P AN3		PN	XC2252	21.50	L	-1.912	0.00	1363.67	239.6SW	X	0.0	0.00	0.0	0.0	0.0			49.1	12.26	
										19790819.2252014	19790819.2252014	19790819.2249012	19790819	19990212<>						
P AN1		PN	XC2252	25.90	L	-0.644	0.00	1389.34	240.1SW	X	0.0	0.00	0.0	0.0	0.0			49.1	12.49	
										19790819.2252015	19790819.2252015	19790819.2249012	19790819	19990212<>						
P AN4		PN	XC2252	26.00	L	-0.961	0.00	1392.79	238.6SW	X	0.0	0.00	0.0	0.0	0.0			49.1	12.53	
										19790819.2252016	19790819.2252016	19790819.2249012	19790819	19990212<>						
P AN4		SN	XC2254	43.30	L	5.129	0.00	1392.79	238.6SW	X	0.0	0.00	0.0	0.0	0.0			49.4	12.53	
										19790819.2252016	19790819.2254006	19790819.2249012	19790819	19990212<>						
P AN9		PN	XC2252	26.50	L	-0.997	0.00	1397.11	241.7SW	X	0.0	0.00	0.0	0.0	0.0			49.1	12.56	
										19790819.2252017	19790819.2252017	19790819.2249012	19790819	19990212<>						
P AN9		LG	XC2255	52.20	L	-9.757	0.00	1397.11	241.7SW	X	0.0	0.00	0.0	0.0	0.0			-89.6	12.56	
										19790819.2252017	19790819.2255002	19790819.2249012	19790819	19990212<>						
P AN10		PN	XC2252	26.80	L	-2.503	0.00	1411.96	240.8SW	X	0.0	0.00	0.0	0.0	0.0			49.1	12.70	
										19790819.2252018	19790819.2252018	19790819.2249012	19790819	19990212<>						
P AN10		LG	XC2255	52.70	L	-13.417	0.00	1411.96	240.8SW	X	0.0	0.00	0.0	0.0	0.0			-89.6	12.70	
										19790819.2252018	19790819.2255003	19790819.2249012	19790819	19990212<>						
P AN11		PN	XC2252	27.80	L	-2.418	0.00	1419.43	241.6SW	X	0.0	0.00	0.0	0.0	0.0			49.1	12.77	
										19790819.2252019	19790819.2252019	19790819.2249012	19790819	19990212<>						
P AN11		LG	XC2255	58.00	L	-10.211	0.00	1419.43	241.6SW	X	0.0	0.00	0.0	0.0	0.0			-89.6	12.77	
										19790819.2252019	19790819.2255004	19790819.2249012	19790819	19990212<>						
P LHC	SZ	PN	XC2252	30.00	L	-3.159	0.00	1443.49	280.5W	XMN	0.0	0.00	0.0	19000.00	0.00			49.1	12.98	GSC
GSC										19790819.2252020	19790819.2252020	19790819.2249012	19790819	19990212<>						
P LHC	SZ	SN	XC2254	48.00	L	-0.985	0.00	1443.49	280.5W	XMN	0.0	0.00	0.0	19000.00	0.00			49.4	12.98	GSC
GSC										19790819.2252020	19790819.2254007	19790819.2249012	19790819	19990212<>						
P LHC	SZ	SG	XX2256	06.00	L	-8.948	0.00	1443.49	280.5W	XMN	0.0	0.60	48.0	19000.00	0.00			-89.6	12.98	GSC
GSC										19790819.2252020	19790819.2256003	19790819.2249012	19790819	19990212<>						
P LHC	SZ	Trac	Y2256	07.00	L			1443.49	280.5W	5.0 MN	0.0	0.60	48.0	19000.00	0.00			49.0	12.98	GSC
GSC										19790819.2252020	19790819.2256002	19790819.2249012	19790819	19990212<>						
P BLA	SZ	PN	XX2252	33.6	C	0.103	0.00	1446.64	220.4SW	X	0.0	0.00	0.0	0.0	0.0			49.1	13.01	
										19790819.2252021	19790819.2252021	19790819.2249012	19790819	19990212<>						
P BLA	SZ	LG	XX2255	59.6	L	-16.232	0.00	1446.64	220.4SW	X	0.0	0.00	0.0	0.0	0.0			-89.6	13.01	
										19790819.2252021	19790819.2255005	19790819.2249012	19790819	19990212<>						
P TKL		PN	XX2253	10.50	L	-1.263	0.00	1760.18	225.7SW	X	0.0	0.00	0.0	0.0	0.0			49.1	15.83	
										19790819.2253012	19790819.2253012	19790819.2249012	19790819	19990212<>						
P FRB	SZ	Trac	Y2249	31.00	L			1793.65	2.2N	4.9 MN	-0.1	0.80	53.0	16500.00	0.00			52.0	16.13	GSC
GSC										19790819.2249015	19790819.2249015	19790819.2249012	19790819	19990212<>						
P FRB	SZ	PN	XC2253	10.5	L	-5.189	0.00	1793.65	2.2N	X	0.0	0.00	0.0	0.0	0.0			51.6	16.13	
										19790819.2249015	19790819.2253013	19790819.2249012	19790819	19990212<>						
P PRM		PN	XX2253	20.50	L	0.181	0.00	1834.13	219.1SW	X	0.0	0.00	0.0	0.0	0.0			51.6	16.49	
										19790819.2253014	19790819.2253014	19790819.2249012	19790819	19990212<>						
P FVM		PN	XX2253	35.30	L	-2.039	0.00	1985.03	244.7SW	X	0.0	0.00	0.0	0.0	0.0			47.4	17.85	
										19790819.2253015	19790819.2253015	19790819.2249012	19790819	19990212<>						
P FCC	SZ	Trac	Y2249	31.00	L			2016.21	316.7NW	5.0 MN	0.0	0.80	49.0	15000.00	0.00			47.0	18.13	GSC
GSC										19790819.2249016	19790819.2249016	19790819.2249012	19790819	19990212<>						
P FFC	SZ	Trac	Y2249	31.00	L			2353.21	301.4NW	5.0 MN	0.0	0.80	60.0	17000.00	0.00			41.0	21.16	GSC
GSC										19790819.2249017	19790819.2249017	19790819.2249012	19790819	19990212<>						
P BLC	SZ	Trac	Y2249	31.00	L			2435.29	329.1NW	4.9 MN	-0.1	1.10	72.0	21000.00	0.00			39.0	21.90	GSC
GSC				</																

selectM4+1920-2007.npf

P CBM	SZ Trac	Y1657	55.90	L	0.000	0.00	205.00	184.0S	3.6 MN	0.0	0.20	200.0	27400.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1657006	19800403.1657007	19800403.1657003	19800403	20001212<>					
P D3A	SZ Pn	1657	55.80	L	0.260	0.00	209.00	206.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1657008	19800403.1657008	19800403.1657003	19800403	20001212<>					
P D5A	SZ Pn	1657	57.20	L	0.320	0.10	219.00	207.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1657009	19800403.1657009	19800403.1657003	19800403	20001212<>					
P POC	SZ Pn	1657	58.00	L	0.920	0.40	221.00	226.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1657010	19800403.1657010	19800403.1657003	19800403	20001212<>					
P POC	SZ Sn	1658	21.00	L	-0.330	0.10	221.00	226.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1657010	19800403.1658005	19800403.1657003	19800403	20001212<>					
P LMQ	SZ Pn	1657	57.00	L	-0.390	0.10	224.00	233.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1657011	19800403.1657011	19800403.1657003	19800403	20001212<>					
P A54	SZ Pn	1658	00.21	L	1.430	1.00	235.00	232.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658006	19800403.1658006	19800403.1657003	19800403	20001212<>					
P A10	SZ Pn	1658	00.20	L	1.000	0.50	239.00	225.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658007	19800403.1658007	19800403.1657003	19800403	20001212<>					
P HN	SZ Pn	1658	04.80	L	-0.750	0.30	291.00	181.0S	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658008	19800403.1658008	19800403.1657003	19800403	20001212<>					
P CHQ	SZ Pn	1658	11.50	L	1.510	1.10	327.00	231.0SW	4.1 MN	0.0	0.00	0.0	35000.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658009	19800403.1658009	19800403.1657003	19800403	20001212<>					
P CHQ	SZ Sg	1658	55.00	L	-1.160	0.70	327.00	231.0SW	4.1 MN	0.0	0.20	173.0	35000.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658009	19800403.1658010	19800403.1657003	19800403	20001212<>					
P CHQ	SZ Trac	Y1658	56.00	L	0.000	0.00	327.00	231.0SW	4.1 MN	0.0	0.20	173.0	35000.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658009	19800403.1658011	19800403.1657003	19800403	20001212<>					
P UNB	SZ Pn	1658	07.70	L	-2.570	3.30	329.00	162.0S	4.0 MN	0.0	0.00	0.0	24000.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658012	19800403.1658012	19800403.1657003	19800403	20001212<>					
P UNB	SZ Trac	Y1658	08.70	L	0.000	0.00	329.00	162.0S	4.0 MN	0.0	0.40	79.0	24000.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658012	19800403.1658013	19800403.1657003	19800403	20001212<>					
P JKM	SZ Pn	1658	17.90	L	0.460	0.10	388.00	208.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658014	19800403.1658014	19800403.1657003	19800403	20001212<>					
P PQO	SZ Pn	1658	20.40	L	-1.260	0.80	423.00	175.0S	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658015	19800403.1658015	19800403.1657003	19800403	20001212<>					
P GNT	SZ Pn	1658	24.00	L	1.760	1.60	428.00	233.0SW	4.0 MN	0.0	0.00	0.0	14500.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658016	19800403.1658016	19800403.1657003	19800403	20001212<>					
P GNT	SZ Sn	1659	05.00	L	-0.220	0.00	428.00	233.0SW	4.0 MN	0.0	0.00	0.0	14500.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658016	19800403.1659001	19800403.1657003	19800403	20001212<>					
P GNT	SZ Sg	1659	23.00	L	-1.290	0.80	428.00	233.0SW	4.0 MN	0.0	0.20	126.0	14500.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658016	19800403.1659002	19800403.1657003	19800403	20001212<>					
P GNT	SZ Trac	Y1659	24.00	L	0.000	0.00	428.00	233.0SW	4.0 MN	0.0	0.20	126.0	14500.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658016	19800403.1659003	19800403.1657003	19800403	20001212<>					
P EMM	SZ Pn	1658	23.70	L	-1.260	0.80	450.00	175.0S	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658017	19800403.1658017	19800403.1657003	19800403	20001212<>					
P DVT	SZ Trac	Y1657	25.00	L	0.000	0.00	532.00	219.0SW	4.1 MN	0.0	0.30	200.0	28400.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1657012	19800403.1657012	19800403.1657003	19800403	20001212<>					
P TRM	SZ Pn	1658	34.80	L	-0.210	0.00	532.00	200.0S	4.1 MN	0.0	0.00	0.0	17100.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658018	19800403.1658018	19800403.1657003	19800403	20001212<>					
P TRM	SZ Trac	Y1658	35.80	L	0.000	0.00	532.00	200.0S	4.1 MN	0.0	0.20	200.0	17100.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658018	19800403.1658019	19800403.1657003	19800403	20001212<>					
P MNT	SZ Pn	1658	39.00	L	0.160	0.00	564.00	232.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658020	19800403.1658020	19800403.1657003	19800403	20001212<>					
P MNT	SZ Sn	1659	35.00	L	0.810	0.30	564.00	232.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658020	19800403.1659004	19800403.1657003	19800403	20001212<>					
P MNT	SZ Sg	1659	59.00	L	-3.380	5.70	564.00	232.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658020	19800403.1659005	19800403.1657003	19800403	20001212<>					
P HAL	SZ Pn	1658	38.50	L	-0.820	0.30	568.00	142.0SE	4.4 MN	0.0	0.00	0.0	14000.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658021	19800403.1658021	19800403.1657003	19800403	20001212<>					
P HAL	SZ Trac	Y1658	39.50	L	0.000	0.00	568.00	142.0SE	4.4 MN	0.0	0.20	85.0	14000.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658021	19800403.1658022	19800403.1657003	19800403	20001212<>					
P PNY	SZ Pn	1658	45.30	L	0.500	0.10	613.00	226.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658023	19800403.1658023	19800403.1657003	19800403	20001212<>					
P GAC	SZ Pn	1658	52.00	L	0.850	0.40	665.00	242.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658024	19800403.1658024	19800403.1657003	19800403	20001212<>					
P GAC	SZ Sg	1700	28.00	L	-2.640	3.50	665.00	242.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658024	19800403.1700001	19800403.1657003	19800403	20001212<>					
P SCH	SZ Pn	1658	53.80	L	0.980	0.50	678.00	6.0N	4.2 MN	0.0	0.00	0.0	12000.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658025	19800403.1658025	19800403.1657003	19800403	20001212<>					
P SCH	SZ Sn	1700	02.00	L	3.430	5.90	678.00	6.0N	4.2 MN	0.0	0.00	0.0	12000.00	.	0.00	0.0	49.0	GSC
GSC									19800403.1658025	19800403.1700002	19800403.1657003							

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P MNQ	SZ Pn	A1936	21.62	D	L	-0.450	1.60	202.00	323.0NW	4.1 MN	0.0	0.00	0.0	10900.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936009	19830117.1936009	19830117.1935002	19830117	20001212<>				49.0	GSC
P MNQ	SZ Sg	B1936	49.80		L	1.300	0.80	202.00	323.0NW	4.1 MN	0.0	0.20	22.0	10900.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936009	19830117.1936010	19830117.1935002	19830117	20001212<>				49.0	GSC
P MNQ	SZ Trac	Y1936	50.80		L	0.000	0.00	202.00	323.0NW	4.1 MN	0.0	0.20	22.0	10900.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936009	19830117.1936011	19830117.1935002	19830117	20001212<>				49.0	GSC
P CBM	SZ Pn	X1936	27.40		L	-0.820	0.00	253.00	198.0S	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC										19830117.1936012	19830117.1936012	19830117.1935002	19830117	20001212<>				49.0	GSC
P CBM	SZ Sn	X1936	52.70		L	-2.610	0.00	253.00	198.0S	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC										19830117.1936012	19830117.1936013	19830117.1935002	19830117	20001212<>				49.0	GSC
P KLN	SZ Pn	B1936	28.00		L	-0.590	0.20	256.00	168.0S	4.1 MN	0.0	0.00	0.0	11500.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936014	19830117.1936014	19830117.1935002	19830117	20001212<>				49.0	GSC
P KLN	SZ Sn	C1936	54.35		L	-1.610	0.10	256.00	168.0S	4.1 MN	0.0	0.00	0.0	11500.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936014	19830117.1936015	19830117.1935002	19830117	20001212<>				49.0	GSC
P KLN	SZ Sg	X1937	00.80		L	-2.650	0.00	256.00	168.0S	4.1 MN	0.0	0.14	50.0	11500.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936014	19830117.1937001	19830117.1935002	19830117	20001212<>				49.0	GSC
P KLN	SZ Trac	Y1937	01.80		L	0.000	0.00	256.00	168.0S	4.1 MN	0.0	0.14	50.0	11500.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936014	19830117.1937002	19830117.1935002	19830117	20001212<>				49.0	GSC
P LPQ	SZ Pn	B1936	32.70		L	-0.380	0.10	293.00	229.0SW	4.4 MN	0.0	0.00	0.0	14500.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936016	19830117.1936016	19830117.1935002	19830117	20001212<>				49.0	GSC
P LPQ	SZ Sn	X1937	01.50		L	-2.300	0.00	293.00	229.0SW	4.4 MN	0.0	0.00	0.0	14500.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936016	19830117.1937003	19830117.1935002	19830117	20001212<>				49.0	GSC
P LPQ	SZ Sg	X1937	09.10		L	-4.700	0.00	293.00	229.0SW	4.4 MN	0.0	0.20	30.0	14500.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936016	19830117.1937004	19830117.1935002	19830117	20001212<>				49.0	GSC
P LPQ	SZ Trac	Y1937	10.10		L	0.000	0.00	293.00	229.0SW	4.4 MN	0.0	0.20	30.0	14500.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936016	19830117.1937005	19830117.1935002	19830117	20001212<>				49.0	GSC
P LMQ	SZ Pn	B1936	32.60	D	L	-0.960	0.40	296.00	236.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC										19830117.1936017	19830117.1936017	19830117.1935002	19830117	20001212<>				49.0	GSC
P LMQ	SZ Pg	X1936	35.60		L	-3.960	0.00	296.00	236.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC										19830117.1936017	19830117.1936018	19830117.1935002	19830117	20001212<>				49.0	GSC
P LMQ	SZ Sn	X1937	01.00		L	-3.630	0.00	296.00	236.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC										19830117.1936017	19830117.1937006	19830117.1935002	19830117	20001212<>				49.0	GSC
P HN	SZ Pn	B1936	37.20		L	-0.850	0.30	333.00	192.0S	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC										19830117.1936019	19830117.1936019	19830117.1935002	19830117	20001212<>				49.0	GSC
P UNB	SZ Sg	B1937	28.10		L	-2.140	2.20	351.00	175.0S	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC										19830117.1937007	19830117.1937007	19830117.1935002	19830117	20001212<>				49.0	GSC
P LMN	SZ Pn	B1936	45.36	C	L	-0.700	0.20	399.00	154.0SE	4.0 MN	0.0	0.00	0.0	10500.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936020	19830117.1936020	19830117.1935002	19830117	20001212<>				49.0	GSC
P LMN	SZ Sg	X1937	42.60		L	-0.920	0.00	399.00	154.0SE	4.0 MN	0.0	0.38	48.0	10500.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936020	19830117.1937008	19830117.1935002	19830117	20001212<>				49.0	GSC
P LMN	SZ Trac	Y1937	43.60		L	0.000	0.00	399.00	154.0SE	4.0 MN	0.0	0.38	48.0	10500.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936020	19830117.1937009	19830117.1935002	19830117	20001212<>				49.0	GSC
P GGN	SZ Pn	B1936	50.52	D	L	-0.830	0.30	443.00	177.0S	4.1 MN	0.0	0.00	0.0	12000.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936021	19830117.1936021	19830117.1935002	19830117	20001212<>				49.0	GSC
P GGN	SZ Trac	Y1936	51.52		L	0.000	0.00	443.00	177.0S	4.1 MN	0.0	0.20	89.0	12000.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936021	19830117.1936022	19830117.1935002	19830117	20001212<>				49.0	GSC
P GGN	SZ Sn	X1937	34.40		L	-1.280	0.00	443.00	177.0S	4.1 MN	0.0	0.00	0.0	12000.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936021	19830117.1937010	19830117.1935002	19830117	20001212<>				49.0	GSC
P MIM	SZ Pn	X1936	51.30		L	-1.380	0.00	453.00	200.0S	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC										19830117.1936023	19830117.1936023	19830117.1935002	19830117	20001212<>				49.0	GSC
P MIM	SZ Sn	X1937	35.50		L	-2.490	0.00	453.00	200.0S	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC										19830117.1936023	19830117.1937011	19830117.1935002	19830117	20001212<>				49.0	GSC
P PQO	SZ Pn	X1936	51.90		L	-1.310	0.00	458.00	184.0S	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC										19830117.1936024	19830117.1936024	19830117.1935002	19830117	20001212<>				49.0	GSC
P PQ1	SZ Pn	X1936	53.05		L	-1.200	0.00	466.00	182.0S	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC										19830117.1936025	19830117.1936025	19830117.1935002	19830117	20001212<>				49.0	GSC
P GNT	SZ Pn	B1936	58.10		L	-0.290	0.00	500.00	235.0SW	4.2 MN	0.0	0.00	0.0	20200.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936026	19830117.1936026	19830117.1935002	19830117	20001212<>				49.0	GSC
P GNT	SZ Sg	X1938	07.10		L	-4.800	0.00	500.00	235.0SW	4.2 MN	0.0	0.56	55.0	20200.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936026	19830117.1938001	19830117.1935002	19830117	20001212<>				49.0	GSC
P GNT	SZ Trac	Y1938	08.10		L	0.000	0.00	500.00	235.0SW	4.2 MN	0.0	0.56	55.0	20200.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1936026	19830117.1938002	19830117.1935002	19830117	20001212<>				49.0	GSC
P SBQ	SZ Pn	B1937	05.10		L	0.270	0.00	553.00	223.0SW	4.2 MN	0.0	0.00	0.0	22200.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1937012	19830117.1937012	19830117.1935002	19830117	20001212<>				49.0	GSC
P SBQ	SZ Sg	X1938	24.90		L	-1.720	0.00	553.00	223.0SW	4.2 MN	0.0	0.50	79.0	22200.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1937012	19830117.1938003	19830117.1935002	19830117	20001212<>				49.0	GSC
P SBQ	SZ Trac	Y1938	25.90		L	0.000	0.00	553.00	223.0SW	4.2 MN	0.0	0.50	79.0	22200.00	.	0.00	0.0	49.0	GSC
GSC		19830117.193454.A.ECTN						tsf added Apr 04		19830117.1937012	19830117.1938004	19830117.1935002	19830117	20001212<>				49.0	GSC
P BNH	SZ Pn	X1937	08.65		L	-1.170	0.00	594.00	214.0SW	0.0 MN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.0	GSC
GSC			</																

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GSC	19830117.193454.A.ECTN			tsf added Apr 04	19830117.1937014	19830117.1937014	19830117.1935002	19830117	20001212<>		
P MNT	SZ Sn X1938 12.62	L	-4.270 0.00	636.00 234.0Sw	4.1 MN 0.0 0.00	0.0	22500.00	0.00	0.0	49.0	GSC
GSC	19830117.193454.A.ECTN			tsf added Apr 04	19830117.1937014	19830117.1938005	19830117.1935002	19830117	20001212<>		
P MNT	SZ Sg X1938 41.00	L	-8.950 0.00	636.00 234.0Sw	4.1 MN 0.0 0.40	161.0	22500.00	0.00	0.0	49.0	GSC
GSC	19830117.193454.A.ECTN			tsf added Apr 04	19830117.1937014	19830117.1938006	19830117.1935002	19830117	20001212<>		
P MNT	SZ Trac Y1938 42.00	L	0.000 0.00	636.00 234.0Sw	4.1 MN 0.0 0.40	161.0	22500.00	0.00	0.0	49.0	GSC
GSC	19830117.193454.A.ECTN			tsf added Apr 04	19830117.1937014	19830117.1938007	19830117.1935002	19830117	20001212<>		
P SCH	SZ Pn X1937 18.90	L	3.640 0.00	638.00 2.0N	4.3 MN 0.0 0.00	0.0	23000.00	0.00	0.0	49.0	GSC
GSC	19830117.1937015			19830117.1937015	19830117.1937015	19830117.1935002	19830117	20001212<>			
P SCH	SZ Sn X1938 21.00	L	3.600 0.00	638.00 2.0N	4.3 MN 0.0 0.00	0.0	23000.00	0.00	0.0	49.0	GSC
GSC	19830117.1937015			19830117.1938008	19830117.1935002	19830117	20001212<>				
P SCH	SZ Sg C1938 52.00	L	1.480 0.10	638.00 2.0N	4.3 MN 0.0 0.40	94.0	23000.00	0.00	0.0	49.0	GSC
GSC	19830117.1937015			19830117.1938009	19830117.1935002	19830117	20001212<>				
P SCH	SZ Trac Y1938 53.00	L	0.000 0.00	638.00 2.0N	4.3 MN 0.0 0.40	94.0	23000.00	0.00	0.0	49.0	GSC
GSC	19830117.1937015			19830117.1938010	19830117.1935002	19830117	20001212<>				
P GAC	SZ Pn B1937 26.50	L	-0.870 0.40	738.00 242.0Sw	4.1 MN 0.0 0.00	0.0	22000.00	0.00	0.0	49.0	GSC
GSC	19830117.193454.A.ECTN			tsf added Apr 04	19830117.1937016	19830117.1937016	19830117.1935002	19830117	20001212<>		
P GAC	SZ Sg X1939 10.20	L	-8.210 0.00	738.00 242.0Sw	4.1 MN 0.0 0.50	158.0	22000.00	0.00	0.0	49.0	GSC
GSC	19830117.193454.A.ECTN			tsf added Apr 04	19830117.1937016	19830117.1939001	19830117.1935002	19830117	20001212<>		
P GAC	SZ Trac Y1939 11.20	L	0.000 0.00	738.00 242.0Sw	4.1 MN 0.0 0.50	158.0	22000.00	0.00	0.0	49.0	GSC
GSC	19830117.193454.A.ECTN			tsf added Apr 04	19830117.1937016	19830117.1939002	19830117.1935002	19830117	20001212<>		
P RS	SZ Pn B1937 29.50	L	-0.700 0.20	761.00 231.0Sw	0.0 MN 0.0 0.00	0.0	0.00	0.00	0.0	49.0	GSC
GSC	19830117.1937017			19830117.1937017	19830117.1935002	19830117	20001212<>				
P WBO	SZ Pn B1937 31.00	L	-0.460 0.10	771.00 237.0Sw	4.1 MN 0.0 0.00	0.0	22600.00	0.00	0.0	49.0	GSC
GSC	19830117.193454.A.ECTN			tsf added Apr 04	19830117.1937018	19830117.1937018	19830117.1935002	19830117	20001212<>		
P WBO	SZ Sn X1938 44.70	L	-0.960 0.00	771.00 237.0Sw	4.1 MN 0.0 0.00	0.0	22600.00	0.00	0.0	49.0	GSC
GSC	19830117.193454.A.ECTN			tsf added Apr 04	19830117.1937018	19830117.1938011	19830117.1935002	19830117	20001212<>		
P WBO	SZ Sg X1939 21.60	L	-6.220 0.00	771.00 237.0Sw	4.1 MN 0.0 0.58	163.0	22600.00	0.00	0.0	49.0	GSC
GSC	19830117.193454.A.ECTN			tsf added Apr 04	19830117.1937018	19830117.1939003	19830117.1935002	19830117	20001212<>		
P WBO	SZ Trac Y1939 22.60	L	0.000 0.00	771.00 237.0Sw	4.1 MN 0.0 0.58	163.0	22600.00	0.00	0.0	49.0	GSC
GSC	19830117.193454.A.ECTN			tsf added Apr 04	19830117.1937018	19830117.1939004	19830117.1935002	19830117	20001212<>		
P OTT	SZ Sg X1939 20.00	L	-8.160 0.00	773.00 241.0Sw	0.0 MN 0.0 0.00	0.0	0.00	0.00	0.0	49.0	GSC
GSC	19830117.193454.A.ECTN			tsf added Apr 04	19830117.1939005	19830117.1939005	19830117.1935002	19830117	20001212<>		
P VDQ	SZ Sg X1939 32.70	L	-5.520 0.00	809.00 267.0W	4.1 MN 0.0 0.45	174.0	20500.00	0.00	0.0	49.0	GSC
GSC	19830117.193454.A.ECTN			tsf added Apr 04	19830117.1939006	19830117.1939006	19830117.1935002	19830117	20001212<>		
P VDQ	SZ Trac Y1939 33.70	L	0.000 0.00	809.00 267.0W	4.1 MN 0.0 0.45	174.0	20500.00	0.00	0.0	49.0	GSC
GSC	19830117.193454.A.ECTN			tsf added Apr 04	19830117.1939006	19830117.1939007	19830117.1935002	19830117	20001212<>		
P CKO	SZ Pn C1937 39.80	L	-1.680 0.10	853.00 250.0W	4.1 MN 0.0 0.00	0.0	23400.00	0.00	0.0	49.0	GSC
GSC	19830117.193454.A.ECTN			tsf added Apr 04	19830117.1937019	19830117.1937019	19830117.1935002	19830117	20001212<>		
P CKO	SZ Sg X1939 45.40	L	-5.390 0.00	853.00 250.0W	4.1 MN 0.0 0.45	269.0	23400.00	0.00	0.0	49.0	GSC
GSC	19830117.193454.A.ECTN			tsf added Apr 04	19830117.1937019	19830117.1939008	19830117.1935002	19830117	20001212<>		
P CKO	SZ Trac Y1939 46.40	L	0.000 0.00	853.00 250.0W	4.1 MN 0.0 0.45	269.0	23400.00	0.00	0.0	49.0	GSC
GSC	19830117.193454.A.ECTN			tsf added Apr 04	19830117.1937019	19830117.1939009	19830117.1935002	19830117	20001212<>		
P PBQ	SZ Pn X1938 00.60	L	0.990 0.00	1002.00 317.0NW	4.4 MN 0.0 0.00	0.0	12400.00	0.00	0.0	49.0	GSC
GSC	19830117.1938012			19830117.1938012	19830117.1935002	19830117	20001212<>				
P PBQ	SZ Sn X1939 34.50	L	-0.260 0.00	1002.00 317.0NW	4.4 MN 0.0 0.00	0.0	12400.00	0.00	0.0	49.0	GSC
GSC	19830117.1938012			19830117.1939010	19830117.1935002	19830117	20001212<>				
P PBQ	SZ Sg X1940 30.30	L	-2.160 0.00	1002.00 317.0NW	4.4 MN 0.0 0.50	79.0	12400.00	0.00	0.0	49.0	GSC
GSC	19830117.1938012			19830117.1940001	19830117.1935002	19830117	20001212<>				
P PBQ	SZ Trac Y1940 31.30	L	0.000 0.00	1002.00 317.0NW	4.4 MN 0.0 0.50	79.0	12400.00	0.00	0.0	49.0	GSC
GSC	19830117.1938012			19830117.1940002	19830117.1935002	19830117	20001212<>				
P KAO	SZ Pn B1938 11.60	L	-2.550 3.10	1121.00 278.0W	4.1 MN 0.0 0.00	0.0	7900.00	0.00	0.0	49.0	GSC
GSC	19830117.1938013			19830117.1938013	19830117.1935002	19830117	20001212<>				
P KAO	SZ Sn X1940 07.00	L	6.860 0.00	1121.00 278.0W	4.1 MN 0.0 0.00	0.0	7900.00	0.00	0.0	49.0	GSC
GSC	19830117.1938013			19830117.1940003	19830117.1935002	19830117	20001212<>				
P KAO	SZ Sg C1941 02.00	L	-3.820 0.40	1121.00 278.0W	4.1 MN 0.0 0.60	97.0	7900.00	0.00	0.0	49.0	GSC
GSC	19830117.1938013			19830117.1941001	19830117.1935002	19830117	20001212<>				
P KAO	SZ Trac Y1941 03.00	L	0.000 0.00	1121.00 278.0W	4.1 MN 0.0 0.60	97.0	7900.00	0.00	0.0	49.0	GSC
GSC	19830117.1938013			19830117.1941002	19830117.1935002	19830117	20001212<>				
P GTO	SZ Pn C1938 58.20	L	4.940 0.70	1442.00 280.0W	4.1 MN 0.0 0.00	0.0	5700.00	0.00	0.0	49.0	GSC
GSC	19830117.1938014			19830117.1938014	19830117.1935002	19830117	20001212<>				
P GTO	SZ Sn X1941 06.20	L	-2.180 0.00	1442.00 280.0W	4.1 MN 0.0 0.00	0.0	5700.00	0.00	0.0	49.0	GSC
GSC	19830117.1938014			19830117.1941003	19830117.1935002	19830117	20001212<>				
P GTO	SZ Sg B1942 33.70	L	-1.910 1.80	1442.00 280.0W	4.1 MN 0.0 0.60	115.0	5700.00	0.00	0.0	49.0	GSC
GSC	19830117.1938014			19830117.1942001	19830117.1935002	19830117	20001212<>				
P GTO	SZ Trac Y1942 34.70	L	0.000 0.00	1442.00 280.0W	4.1 MN 0.0 0.60	115.0	5700.00	0.00	0.0	49.0	GSC
GSC	19830117.1938014			19830117.1942002	19830117.1935002	19830117	20001212<>				
P LHC	SZ Pn X1939 08.00	L	-8.080 0.00	1629.00 276.0W	4.1 MN 0.0 0.00	0.0	2100.00	0.00	0.0	49.0	GSC
GSC	19830117.1939011			19830117.1939011	19830117.1935002	19830117	20001212<>				
P LHC	SZ Sg X1943 17.50	L	-9.990 0.00	1629.00 276.0W	4.1 MN 0.0 0.60	53.0	2100.00	0.00	0.0	49.0	GSC
GSC	19830117.1939011			19830117.1943001	19830117.1935002	19830117	20001212<>				

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GSC	19860111.132936.A.ECTN			tsf added Apr 04	19860111.1330029	19860111.1330029	19860111.1330003	19860111	19981106<>			
P LPQ	SZ SG 1330 39.85	L	-0.133	1.00	41.08 168.6S	XMN 0.0 0.10	100.0	505800.00	-0.21	0.0	-81.1	0.37 GSC
GSC	19860111.132936.A.ECTN			tsf added Apr 04	19860111.1330029	19860111.1330030	19860111.1330003	19860111	19981106<>			
P LPQ	SZ Trac Y1330 40.85	L			41.08 168.6S	4.3XMN 0.3 0.10	100.0	505800.00	-0.21	0.0	-82.0	0.37 GSC
GSC	19860111.132936.A.ECTN			tsf added Apr 04	19860111.1330029	19860111.1330014	19860111.1330003	19860111	19981106<>			
P A10	SZ PG 1330 36.53 D	L	0.088	1.00	51.19 186.4S	XMN 0.0 0.00	0.0	0.00	0.00	0.0	-82.8	0.46 GSC
GSC	19860111.1330031				19860111.1330031	19860111.1330031	19860111.1330003	19860111	19981106<>			
P A10	SZ SG 1330 42.71	L	0.137	1.00	51.19 186.4S	XMN 0.0 0.00	0.0	0.00	0.00	0.0	-82.8	0.46 GSC
GSC	19860111.1330031				19860111.1330032	19860111.1330032	19860111.1330003	19860111	19981106<>			
P EBN	SZ PG X1330 51.72 D	L	0.189	0.00	143.70 100.1E	XMN 0.0 0.00	0.0	60300.00	-0.21	0.0	-87.4	1.29 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1330033	19860111.1330033	19860111.1330003	19860111	19981106<>		
P EBN	SZ SG X1331 09.17	L	0.547	0.00	143.70 100.1E	XMN 0.0 0.27	100.0	60300.00	-0.21	0.0	-87.4	1.29 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1330033	19860111.1331031	19860111.1330003	19860111	19981106<>		
P EBN	SZ Trac Y1331 10.17	L			143.70 100.1E	3.8 MN -0.2 0.27	100.0	60300.00	-0.21	0.0	-87.0	1.29 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1330033	19860111.1331002	19860111.1330003	19860111	19981106<>		
P LAP	SZ PN X1331 02.00	L	-0.155	0.00	222.36 229.9SW	XMN 0.0 0.00	0.0	0.00	0.00	0.0	49.1	2.00 GSC
GSC	19860111.1331032				19860111.1331032	19860111.1331032	19860111.1330003	19860111	19981106<>			
P LAP	SZ SG X1331 30.00	L	-0.431	0.00	222.36 229.9SW	XMN 0.0 0.00	0.0	0.00	0.00	0.0	-88.3	2.00 GSC
GSC	19860111.1331032				19860111.1331033	19860111.1331033	19860111.1330003	19860111	19981106<>			
P GNT	SZ PN X1331 03.20	L	0.449	0.00	227.25 229.8SW	XMN 0.0 0.00	0.0	33200.00	0.00	0.0	49.1	2.04 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331034	19860111.1331034	19860111.1330003	19860111	19981106<>		
P GNT	SZ SG X1331 30.88	L	-0.920	0.00	227.25 229.8SW	XMN 0.0 0.20	100.0	33200.00	0.00	0.0	-88.4	2.04 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331034	19860111.1331035	19860111.1330003	19860111	19981106<>		
P GNT	SZ Trac Y1331 31.88	L			227.25 229.8SW	4.0 MN 0.0 0.20	100.0	33200.00	0.00	0.0	49.0	2.04 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331034	19860111.1331007	19860111.1330003	19860111	19981106<>		
P DES	SZ PN X1331 03.00	L	0.121	0.00	228.32 228.4SW	XMN 0.0 0.00	0.0	0.00	0.00	0.0	49.1	2.05 GSC
GSC	19860111.1331036				19860111.1331036	19860111.1331036	19860111.1330003	19860111	19981106<>			
P DES	SZ SG X1331 31.00	L	-1.099	0.00	228.32 228.4SW	XMN 0.0 0.00	0.0	0.00	0.00	0.0	-88.4	2.05 GSC
GSC	19860111.1331036				19860111.1331037	19860111.1331037	19860111.1330003	19860111	19981106<>			
P PAR	SZ PN X1331 04.50	L	0.951	0.00	233.80 230.9SW	XMN 0.0 0.00	0.0	0.00	0.00	0.0	49.1	2.10 GSC
GSC	19860111.1331038				19860111.1331038	19860111.1331038	19860111.1330003	19860111	19981106<>			
P PAR	SZ SG X1331 32.50	L	-1.134	0.00	233.80 230.9SW	XMN 0.0 0.00	0.0	0.00	0.00	0.0	-88.4	2.10 GSC
GSC	19860111.1331038				19860111.1331039	19860111.1331039	19860111.1330003	19860111	19981106<>			
P GSQ	SZ PN X1331 08.38	L	1.381	0.00	260.70 57.8NE	XMN 0.0 0.00	0.0	60500.00	-0.21	0.0	49.1	2.34 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331040	19860111.1331040	19860111.1330003	19860111	19981106<>		
P GSQ	SZ SG X1331 39.70	L	-1.679	0.00	260.70 57.8NE	XMN 0.0 0.60	100.0	60500.00	-0.21	0.0	-88.6	2.34 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331040	19860111.1331041	19860111.1330003	19860111	19981106<>		
P GSQ	SZ Trac Y1331 40.70	L			260.70 57.8NE	3.9 MN -0.1 0.60	100.0	60500.00	-0.21	0.0	49.0	2.34 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331040	19860111.1331014	19860111.1330003	19860111	19981106<>		
P SBQ	SZ PN X1331 14.15	L	3.346	0.00	293.51 208.9SW	XMN 0.0 0.00	0.0	17200.00	0.00	0.0	49.1	2.64 GSC
GSC	19860111.1331042				19860111.1331042	19860111.1331042	19860111.1330003	19860111	19981106<>			
P SBQ	SZ SG X1331 49.46	L	-0.895	0.00	293.51 208.9SW	XMN 0.0 0.20	100.0	17200.00	0.00	0.0	-88.7	2.64 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331042	19860111.1331043	19860111.1330003	19860111	19981106<>		
P SBQ	SZ Trac Y1331 50.46	L			293.51 208.9SW	3.9 MN -0.1 0.20	100.0	17200.00	0.00	0.0	49.0	2.64 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331042	19860111.1331017	19860111.1330003	19860111	19981106<>		
P KLN	SZ PN X1331 10.85 C	L	-0.943	0.00	299.28 107.3E	XMN 0.0 0.00	0.0	5600.00	-0.30	0.0	49.1	2.69 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331044	19860111.1331044	19860111.1330003	19860111	19981106<>		
P KLN	SZ PG X1331 18.88	L	2.177	0.00	299.28 107.3E	XMN 0.0 0.00	0.0	5600.00	-0.30	0.0	-88.8	2.69 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331044	19860111.1331045	19860111.1330003	19860111	19981106<>		
P KLN	SZ SG X1331 55.27	L	2.997	0.00	299.28 107.3E	XMN 0.0 0.13	100.0	5600.00	-0.30	0.0	-88.8	2.69 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331044	19860111.1331046	19860111.1330003	19860111	19981106<>		
P KLN	SZ Trac Y1331 56.27	L			299.28 107.3E	3.6 MN -0.4 0.13	100.0	5600.00	-0.30	0.0	49.0	2.69 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331044	19860111.1331021	19860111.1330003	19860111	19981106<>		
P MNT	SZ PN X1331 23.88	L	4.526	0.00	363.48 229.0SW	XMN 0.0 0.00	0.0	13900.00	0.00	0.0	49.1	3.27 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331047	19860111.1331047	19860111.1330003	19860111	19981106<>		
P MNT	SZ SN X1331 58.35	L	0.972	0.00	363.48 229.0SW	XMN 0.0 0.00	0.0	13900.00	0.00	0.0	49.4	3.27 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331047	19860111.1331048	19860111.1330003	19860111	19981106<>		
P MNT	SZ SG X1332 05.18	L	-4.771	0.00	363.48 229.0SW	XMN 0.0 0.20	100.0	13900.00	0.00	0.0	-89.0	3.27 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331047	19860111.1332011	19860111.1330003	19860111	19981106<>		
P MNT	SZ Trac Y1332 06.18	L			363.48 229.0SW	4.0 MN 0.0 0.20	100.0	13900.00	0.00	0.0	49.0	3.27 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331047	19860111.1332002	19860111.1330003	19860111	19981106<>		
P GGN	SZ PN X1331 21.24	L	-0.848	0.00	383.37 137.4SE	XMN 0.0 0.00	0.0	19300.00	-0.30	0.0	49.1	3.45 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331049	19860111.1331049	19860111.1330003	19860111	19981106<>		
P GGN	SZ Trac Y1331 22.24	L			383.37 137.4SE	4.1 MN 0.1 0.23	100.0	19300.00	-0.30	0.0	49.0	3.45 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331049	19860111.1331025	19860111.1330003	19860111	19981106<>		
P GGN	SZ SN X1332 01.94	L	0.015	0.00	383.37 137.4SE	XMN 0.0 0.00	0.0	19300.00	-0.30	0.0	49.4	3.45 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331049	19860111.1332012	19860111.1330003	19860111	19981106<>		
P LMN	SZ PN X1331 30.04	L	-0.750	0.00	455.01 115.0SE	XMN 0.0 0.00	0.0	4400.00	-0.30	0.0	49.1	4.09 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331050	19860111.1331050	19860111.1330003	19860111	19981106<>		
P LMN	SZ Trac Y1331 31.04	L			455.01 115.0SE	3.3 MN -0.7 0.43	100.0	4400.00	-0.30	0.0	49.0	4.09 GSC
GSC	19860111.132936.A.ECTN				tsf added Apr 04	19860111.1331050	19860111.1331027	19860111.1330003	19860111	19981106<>		

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GSC								19860919.1553040	19860919.1553040	19860919.1553003	19860919	19981106<>			
P LPQ	SZ PG	1553 06.67 D L	0.136 1.00	23.92 78.6E				XMN 0.0 0.00 0.0	288700.00	.	-0.21	0.0	-47.5	0.22	GSC
GSC		19860919.155206.A.ECTN		tsf added Apr 04	19860919.1553041	19860919.1553041	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P LPQ	SZ SG	1553 10.34 L	-0.057 1.00	23.92 78.6E				XMN 0.0 0.20 10.0	288700.00	.	-0.21	0.0	-47.5	0.22	GSC
GSC		19860919.155206.A.ECTN		tsf added Apr 04	19860919.1553041	19860919.1553042	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P LPQ	SZ Trac	Y1553 11.34 L		23.92 78.6E	4.3 XMN	0.1 0.20 10.0	288700.00	.	-0.21	0.0	-48.0	0.22	GSC		
GSC		19860919.155206.A.ECTN		tsf added Apr 04	19860919.1553041	19860919.1553006	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P LMQ	SZ PG	1553 06.80 C L	-0.021 1.00	27.73 359.0N				XMN 0.0 0.00 0.0	0.00	.	0.00	0.0	-51.7	0.25	GSC
GSC		19860919.1553043		19860919.1553043	19860919.1553043	19860919.1553003	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P A61	SZ PG	1553 09.47 C L	-0.018 1.00	47.13 21.5N				XMN 0.0 0.00 0.0	0.00	.	0.00	0.0	-65.1	0.42	GSC
GSC		19860919.1553044		19860919.1553044	19860919.1553044	19860919.1553003	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P A20	SZ PG	1553 12.36 D L	0.119 1.00	65.62 46.2NE				XMN 0.0 0.00 0.0	0.00	.	0.00	0.0	-71.5	0.59	GSC
GSC		19860919.1553045		19860919.1553045	19860919.1553045	19860919.1553003	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P A20	SZ SG	X1553 20.85 L	0.388 0.00	65.62 46.2NE				XMN 0.0 0.00 0.0	0.00	.	0.00	0.0	-71.5	0.59	GSC
GSC		19860919.1553045		19860919.1553046	19860919.1553046	19860919.1553003	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P A64	SZ PG	1553 12.27 D L	-0.176 1.00	66.93 28.6NE				XMN 0.0 0.00 0.0	0.00	.	0.00	0.0	-71.9	0.60	GSC
GSC		19860919.1553047		19860919.1553047	19860919.1553047	19860919.1553003	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P A64	SZ SG	1553 20.85 L	0.031 1.00	66.93 28.6NE				XMN 0.0 0.00 0.0	0.00	.	0.00	0.0	-71.9	0.60	GSC
GSC		19860919.1553047		19860919.1553048	19860919.1553048	19860919.1553003	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P EBN	SZ PN	X1553 26.57 D L	0.723 0.00	158.08 82.7E				XMN 0.0 0.00 0.0	104200.00	.	-0.22	0.0	49.1	1.42	GSC
GSC		19860919.155206.A.ECTN		tsf added Apr 04	19860919.1553049	19860919.1553049	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P EBN	SZ SG	X1553 45.18 L	-0.830 0.00	158.08 82.7E				XMN 0.0 0.20 100.0	104200.00	.	-0.22	0.0	-82.1	1.42	GSC
GSC		19860919.155206.A.ECTN		tsf added Apr 04	19860919.1553049	19860919.1553050	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P EBN	SZ Trac	Y1553 46.18 L		158.08 82.7E	4.3 MN	0.1 0.20 100.0	104200.00	.	-0.22	0.0	49.0	1.42	GSC		
GSC		19860919.155206.A.ECTN		tsf added Apr 04	19860919.1553049	19860919.1553015	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P CBM	SZ PN	X1553 28.98 L	1.670 0.00	171.93 102.9E				XMN 0.0 0.00 0.0	0.00	.	0.00	0.0	49.1	1.55	GSC
GSC		19860919.1553051		19860919.1553051	19860919.1553051	19860919.1553003	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P CBM	SZ SG	X1553 50.18 L	0.543 0.00	171.93 102.9E				XMN 0.0 0.00 0.0	0.00	.	0.00	0.0	-82.7	1.55	GSC
GSC		19860919.1553051		19860919.1553052	19860919.1553052	19860919.1553003	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P JKM	SZ PN	X1553 30.20 L	1.563 0.00	182.92 178.1S				XMN 0.0 0.00 0.0	0.00	.	0.00	0.0	49.1	1.65	GSC
GSC		19860919.1553053		19860919.1553053	19860919.1553053	19860919.1553003	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P JKM	SZ SG	X1553 50.72 L	-1.976 0.00	182.92 178.1S				XMN 0.0 0.00 0.0	0.00	.	0.00	0.0	-83.2	1.65	GSC
GSC		19860919.1553053		19860919.1553054	19860919.1553054	19860919.1553003	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P GNT	SZ PN	X1553 29.89 D L	0.520 0.00	188.12 237.1SW				XMN 0.0 0.00 0.0	57700.00	.	-0.06	0.0	49.1	1.69	GSC
GSC		19860919.155206.A.ECTN		tsf added Apr 04	19860919.1553055	19860919.1553055	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P GNT	SZ SG	X1553 53.64 L	-0.552 0.00	188.12 237.1SW				XMN 0.0 0.13 100.0	57700.00	.	-0.06	0.0	-83.4	1.69	GSC
GSC		19860919.155206.A.ECTN		tsf added Apr 04	19860919.1553055	19860919.1553056	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P GNT	SZ Trac	Y1553 54.64 L		188.12 237.1SW	4.3 MN	0.1 0.13 100.0	57700.00	.	-0.06	0.0	49.0	1.69	GSC		
GSC		19860919.155206.A.ECTN		tsf added Apr 04	19860919.1553055	19860919.1553022	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P HNME	SZ PN	X1553 34.08 L	1.043 0.00	218.85 124.5SE				XMN 0.0 0.00 0.0	0.00	.	0.00	0.0	49.1	1.97	GSC
GSC		19860919.1553057		19860919.1553057	19860919.1553057	19860919.1553003	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P HNME	SZ SG	X1553 58.92 L	-3.776 0.00	218.85 124.5SE				XMN 0.0 0.00 0.0	0.00	.	0.00	0.0	-84.3	1.97	GSC
GSC		19860919.1553057		19860919.1553058	19860919.1553058	19860919.1553003	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P SBQ	SZ PN	X1553 38.03 L	1.511 0.00	246.88 210.7SW				XMN 0.0 0.00 0.0	88000.00	.	-0.07	0.0	49.1	2.22	GSC
GSC		19860919.155206.A.ECTN		tsf added Apr 04	19860919.1553059	19860919.1553059	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P SBQ	SZ SG	X1554 11.11 L	0.527 0.00	246.88 210.7SW				XMN 0.0 0.20 100.0	88000.00	.	-0.07	0.0	-84.9	2.22	GSC
GSC		19860919.155206.A.ECTN		tsf added Apr 04	19860919.1553059	19860919.1554042	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P SBQ	SZ Trac	Y1554 12.11 L		246.88 210.7SW	4.5 MN	0.3 0.20 100.0	88000.00	.	-0.07	0.0	49.0	2.22	GSC		
GSC		19860919.155206.A.ECTN		tsf added Apr 04	19860919.1553059	19860919.1554002	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P MIM	SZ PN	X1553 38.42 L	1.697 0.00	249.02 156.2SE				XMN 0.0 0.00 0.0	0.00	.	0.00	0.0	49.1	2.24	GSC
GSC		19860919.1553060		19860919.1553060	19860919.1553060	19860919.1553003	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P MIM	SZ SG	X1554 02.40 L	-8.706 0.00	249.02 156.2SE				XMN 0.0 0.00 0.0	0.00	.	0.00	0.0	-85.0	2.24	GSC
GSC		19860919.1553060		19860919.1554043	19860919.1554043	19860919.1553003	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P HTQ	SZ PN	X1553 38.51 L	1.030 0.00	254.64 33.5NE				XMN 0.0 0.00 0.0	35800.00	.	-0.07	0.0	49.1	2.29	GSC
GSC		19860919.155206.A.ECTN		tsf added Apr 04	19860919.1553061	19860919.1553061	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P HTQ	SZ Trac	Y1553 39.51 L		254.64 33.5NE	4.1 MN	-0.1 0.23 100.0	35800.00	.	-0.07	0.0	49.0	2.29	GSC		
GSC		19860919.155206.A.ECTN		tsf added Apr 04	19860919.1553061	19860919.1553028	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P HTQ	SZ SN	X1554 06.15 L	1.715 0.00	254.64 33.5NE				XMN 0.0 0.00 0.0	35800.00	.	-0.07	0.0	49.4	2.29	GSC
GSC		19860919.155206.A.ECTN		tsf added Apr 04	19860919.1553061	19860919.1554044	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P DVT	SZ PN	X1553 44.32 L	1.805 0.00	296.71 209.5SW				XMN 0.0 0.00 0.0	0.00	.	0.00	0.0	49.1	2.67	GSC
GSC		19860919.1553062		19860919.1553062	19860919.1553062	19860919.1553003	19860919.1553003	19860919.1553003	19860919.1553003	19860919	19981106<>				
P DVT	SZ SG	X1554 16.90 L	-7.526 0.00	296.71 209.5SW				XMN 0.0 0.00 0.0	0.00	.	0.00	0.0	-85.8	2.6	

selectM4+1920-2007.npf

P KLN	SZ PN	X1553 43.98	C L	0.251	0.00	304.33	98.1E	XMN	0.0	0.00	0.0	20400.00	.	-0.29	0.0	49.1	2.74	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553064	19860919.1553064	19860919.1553003	19860919	19981106<>						
P KLN	SZ SN	X1554 16.43	L	1.255	0.00	304.33	98.1E	XMN	0.0	0.00	0.0	20400.00	.	-0.29	0.0	49.4	2.74	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553064	19860919.1554048	19860919.1553003	19860919	19981106<>						
P KLN	SZ SG	X1554 30.33	L	3.485	0.00	304.33	98.1E	XMN	0.0	0.17	100.0	20400.00	.	-0.29	0.0	-85.9	2.74	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553064	19860919.1554049	19860919.1553003	19860919	19981106<>						
P KLN	SZ Trac	Y1554 31.33	L			304.33	98.1E	4.1 MN	-0.1	0.17	100.0	20400.00	.	-0.29	0.0	49.0	2.74	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553064	19860919.1554011	19860919.1553003	19860919	19981106<>						
P MNT	SZ PN	X1553 48.01	L	2.169	0.00	323.27	233.0SW	XMN	0.0	0.00	0.0	45500.00	.	-0.06	0.0	49.1	2.91	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553065	19860919.1553065	19860919.1553003	19860919	19981106<>						
P MNT	SZ SN	X1554 21.00	L	1.970	0.00	323.27	233.0SW	XMN	0.0	0.00	0.0	45500.00	.	-0.06	0.0	49.4	2.91	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553065	19860919.1554050	19860919.1553003	19860919	19981106<>						
P MNT	SZ SG	X1554 29.64	L	-2.262	0.00	323.27	233.0SW	XMN	0.0	0.23	100.0	45500.00	.	-0.06	0.0	-86.1	2.91	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553065	19860919.1554051	19860919.1553003	19860919	19981106<>						
P MNT	SZ Trac	Y1554 30.64	L			323.27	233.0SW	4.4 MN	0.2	0.23	100.0	45500.00	.	-0.06	0.0	49.0	2.91	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553065	19860919.1554014	19860919.1553003	19860919	19981106<>						
P TRQ	SZ PN	X1553 48.97	C L	0.505	0.00	345.18	251.2W	XMN	0.0	0.00	0.0	46100.00	.	-0.09	0.0	49.1	3.10	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553066	19860919.1553066	19860919.1553003	19860919	19981106<>						
P TRQ	SZ SG	X1554 36.44	L	-1.629	0.00	345.18	251.2W	XMN	0.0	0.20	100.0	46100.00	.	-0.09	0.0	-86.4	3.10	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553066	19860919.1554052	19860919.1553003	19860919	19981106<>						
P TRQ	SZ Trac	Y1554 37.44	L			345.18	251.2W	4.5 MN	0.3	0.20	100.0	46100.00	.	-0.09	0.0	49.0	3.10	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553066	19860919.1554016	19860919.1553003	19860919	19981106<>						
P GGN	SZ PN	X1553 51.54	D L	0.606	0.00	363.08	130.7SE	XMN	0.0	0.00	0.0	30600.00	.	-0.29	0.0	49.1	3.27	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553067	19860919.1553067	19860919.1553003	19860919	19981106<>						
P GGN	SZ SN	X1554 29.14	L	1.396	0.00	363.08	130.7SE	XMN	0.0	0.00	0.0	30600.00	.	-0.29	0.0	49.4	3.27	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553067	19860919.1554053	19860919.1553003	19860919	19981106<>						
P GGN	SZ SG	X1554 43.65	L	0.392	0.00	363.08	130.7SE	XMN	0.0	0.33	100.0	30600.00	.	-0.29	0.0	-86.5	3.27	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553067	19860919.1554054	19860919.1553003	19860919	19981106<>						
P GGN	SZ Trac	Y1554 44.65	L			363.08	130.7SE	4.1 MN	-0.1	0.33	100.0	30600.00	.	-0.29	0.0	49.0	3.27	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553067	19860919.1554019	19860919.1553003	19860919	19981106<>						
P MNQ	SZ PN	X1553 53.15	L	0.720	0.00	377.36	16.9N	XMN	0.0	0.00	0.0	10200.00	.	-0.10	0.0	49.1	3.39	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553068	19860919.1553068	19860919.1553003	19860919	19981106<>						
P MNQ	SZ SG	X1554 46.12	L	-0.950	0.00	377.36	16.9N	XMN	0.0	0.17	100.0	10200.00	.	-0.10	0.0	-86.7	3.39	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553068	19860919.1554055	19860919.1553003	19860919	19981106<>						
P MNQ	SZ Trac	Y1554 47.12	L			377.36	16.9N	4.0 MN	-0.2	0.17	100.0	10200.00	.	-0.10	0.0	49.0	3.39	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553068	19860919.1554021	19860919.1553003	19860919	19981106<>						
P WNH	SZ PN	X1553 55.39	L	1.395	0.00	390.72	192.8S	XMN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.1	3.51	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553069	19860919.1553069	19860919.1553003	19860919	19981106<>						
P GRQ	SZ PN	X1553 58.28	L	-0.450	0.00	428.87	261.7W	XMN	0.0	0.00	0.0	74200.00	.	-0.09	0.0	49.1	3.86	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553070	19860919.1553070	19860919.1553003	19860919	19981106<>						
P GRQ	SZ SN	X1554 44.11	L	2.614	0.00	428.87	261.7W	XMN	0.0	0.00	0.0	74200.00	.	-0.09	0.0	49.4	3.86	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553070	19860919.1554056	19860919.1553003	19860919	19981106<>						
P GRQ	SZ SG	X1554 57.47	L	-3.993	0.00	428.87	261.7W	XMN	0.0	0.30	100.0	74200.00	.	-0.09	0.0	-87.1	3.86	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553070	19860919.1554057	19860919.1553003	19860919	19981106<>						
P GRQ	SZ Trac	Y1554 58.47	L			428.87	261.7W	4.7 MN	0.5	0.30	100.0	74200.00	.	-0.09	0.0	49.0	3.86	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1553070	19860919.1554024	19860919.1553003	19860919	19981106<>						
P GAC	SZ PN	X1554 00.60	D L	1.246	0.00	434.03	247.7W	XMN	0.0	0.00	0.0	0.00	.	-0.06	0.0	49.1	3.90	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1554058	19860919.1554058	19860919.1553003	19860919	19981106<>						
P GAC	SZ SG	X1555 01.04	L	-1.834	0.00	434.03	247.7W	XMN	0.0	0.00	0.0	0.00	.	-0.06	0.0	-87.1	3.90	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1554058	19860919.1555011	19860919.1553003	19860919	19981106<>						
P LMN	SZ PN	X1554 02.09	C L	0.293	0.00	452.43	108.8E	XMN	0.0	0.00	0.0	2600.00	.	-0.29	0.0	49.1	4.07	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1554059	19860919.1554059	19860919.1553003	19860919	19981106<>						
P LMN	SZ SN	X1554 49.14	L	2.444	0.00	452.43	108.8E	XMN	0.0	0.00	0.0	2600.00	.	-0.29	0.0	49.4	4.07	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1554059	19860919.1554060	19860919.1553003	19860919	19981106<>						
P LMN	SZ SG	X1555 14.12	L	5.863	0.00	452.43	108.8E	XMN	0.0	0.13	100.0	2600.00	.	-0.29	0.0	-87.2	4.07	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1554059	19860919.1555012	19860919.1553003	19860919	19981106<>						
P LMN	SZ Trac	Y1555 15.12	L			452.43	108.8E	3.6 MN	-0.6	0.13	100.0	2600.00	.	-0.29	0.0	49.0	4.07	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1554059	19860919.1555003	19860919.1553003	19860919	19981106<>						
P ONH	SZ PN	X1554 05.63	L	3.610	0.00	456.57	192.2S	XMN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.1	4.11	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1554061	19860919.1554061	19860919.1553003	19860919	19981106<>						
P ONH	SZ SN	X1554 49.56	L	2.258	0.00	456.57	192.2S	XMN	0.0	0.00	0.0	0.00	.	0.00	0.0	49.4	4.11	GSC
GSC		19860919.155206.A.ECTN				tsf added Apr 04		19860919.1554061	19860919.1554062	19860919.1553003	19860919	19981106<>						
P WBO	SZ PN	X1554 04.44	L	1.876	0.00	460.38	238.1SW	XMN										

selectM4+1920-2007.npf

GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1957003	19861109.1957005	19861109.1957001	19861109	19950215<>		
P MNQ	SZ Pn A1957 46.56 C L	0.000	2.50		175.00 326.0NW	4.4 MN 0.0 0.00 0.0	114200.08	-0.10	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1957006	19861109.1957006	19861109.1957001	19861109	19950215<>		
P MNQ	SZ Pg X1957 51.15 L	3.310	0.00		175.00 326.0NW	4.4 MN 0.0 0.00 0.0	114200.08	-0.10	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1957006	19861109.1957007	19861109.1957001	19861109	19950215<>		
P MNQ	SZ Sn C1958 07.05 L	0.430	0.20		175.00 326.0NW	4.4 MN 0.0 0.17 100.0	114200.08	-0.10	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1957006	19861109.1958001	19861109.1957001	19861109	19950215<>		
P MNQ	SZ Trac Y1958 08.05 L	0.000	0.00		175.00 326.0NW	4.4 MN 0.0 0.17 100.0	114200.08	-0.10	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1957006	19861109.1958002	19861109.1957001	19861109	19950215<>		
P EBN	SZ Pn A1957 51.10 C L	0.550	2.50		207.00 198.0S	4.2 MN 0.0 0.00 0.0	117300.00	-0.22	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1957008	19861109.1957008	19861109.1957001	19861109	19950215<>		
P EBN	SZ Trac Y1957 52.10 L	0.000	0.00		207.00 198.0S	4.2 MN 0.0 0.37 100.0	117300.00	-0.22	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1957008	19861109.1957009	19861109.1957001	19861109	19950215<>		
P EBN	SZ Sn B1958 14.01 L	0.530	0.60		207.00 198.0S	4.2 MN 0.0 0.00 0.0	117300.00	-0.22	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1957008	19861109.1958003	19861109.1957001	19861109	19950215<>		
P SLQ	SZ Pn 1957 51.50 L	0.630	0.60		211.00 215.0SW	0.0 MN 0.0 0.00 0.0	0.00	0.00	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1957010	19861109.1957010	19861109.1957001	19861109	19950215<>		
P KLN	SZ Pn B1957 58.62 C L	-0.600	0.60		277.00 163.0S	4.1 MN 0.0 0.00 0.0	30800.00	-0.29	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1957011	19861109.1957011	19861109.1957001	19861109	19950215<>		
P KLN	SZ Sg B1958 40.23 L	2.740	0.60		277.00 163.0S	4.1 MN 0.0 0.20 100.0	30800.00	-0.29	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1957011	19861109.1958004	19861109.1957001	19861109	19950215<>		
P KLN	SZ Trac Y1958 41.23 L	0.000	0.00		277.00 163.0S	4.1 MN 0.0 0.20 100.0	30800.00	-0.29	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1957011	19861109.1958005	19861109.1957001	19861109	19950215<>		
P LPQ	SZ Pn A1958 00.12 L	-0.060	2.50		286.00 223.0SW	4.4 MN 0.0 0.00 0.0	71500.00	-0.22	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958006	19861109.1958006	19861109.1957001	19861109	19950215<>		
P LPQ	SZ Pg C1958 05.42 L	-0.390	0.20		286.00 223.0SW	4.4 MN 0.0 0.00 0.0	71500.00	-0.22	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958006	19861109.1958007	19861109.1957001	19861109	19950215<>		
P LPQ	SZ Sn C1958 29.57 L	-0.720	0.20		286.00 223.0SW	4.4 MN 0.0 0.00 0.0	71500.00	-0.22	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958006	19861109.1958008	19861109.1957001	19861109	19950215<>		
P LPQ	SZ Sg C1958 37.52 L	-2.320	0.20		286.00 223.0SW	4.4 MN 0.0 0.27 100.0	71500.00	-0.22	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958006	19861109.1958009	19861109.1957001	19861109	19950215<>		
P LPQ	SZ Trac Y1958 38.52 L	0.000	0.00		286.00 223.0SW	4.4 MN 0.0 0.27 100.0	71500.00	-0.22	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958006	19861109.1958010	19861109.1957001	19861109	19950215<>		
P UNB	SZ Pn 1958 10.20 L	-0.640	0.60		370.00 171.0S	4.1 MN 0.0 0.00 0.0	33000.00	-0.60	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958011	19861109.1958011	19861109.1957001	19861109	19950215<>		
P UNB	SZ Trac Y1958 11.20 L	0.000	0.00		370.00 171.0S	4.1 MN 0.0 0.60 63.0	33000.00	-0.60	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958011	19861109.1958013	19861109.1957001	19861109	19950215<>		
P UNB	SZ Sn X1958 55.00 L	6.390	0.60		370.00 171.0S	4.1 MN 0.0 0.00 0.0	33000.00	-0.60	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958011	19861109.1958012	19861109.1957001	19861109	19950215<>		
P QCQ	SZ Pn 1958 12.50 L	-0.270	0.60		397.00 228.0SW	4.3 MN 0.0 0.00 0.0	15000.00	0.80	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958014	19861109.1958014	19861109.1957001	19861109	19950215<>		
P QCQ	SZ Sg 1959 09.00 L	-1.040	0.60		397.00 228.0SW	4.3 MN 0.0 0.50 25.0	15000.00	0.80	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958014	19861109.1959001	19861109.1957001	19861109	19950215<>		
P QCQ	SZ Trac Y1959 10.00 L	0.000	0.00		397.00 228.0SW	4.3 MN 0.0 0.50 25.0	15000.00	0.80	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958014	19861109.1959002	19861109.1957001	19861109	19950215<>		
P LMN	SZ Pn B1958 16.22 L	-0.950	0.60		424.00 152.0SE	3.9 MN 0.0 0.00 0.0	9300.00	-0.29	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958015	19861109.1958015	19861109.1957001	19861109	19950215<>		
P LMN	SZ Sn B1958 59.11 L	-0.760	0.60		424.00 152.0SE	3.9 MN 0.0 0.00 0.0	9300.00	-0.29	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958015	19861109.1958016	19861109.1957001	19861109	19950215<>		
P LMN	SZ Sg B1959 17.54 L	-1.120	0.60		424.00 152.0SE	3.9 MN 0.0 0.23 100.0	9300.00	-0.29	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958015	19861109.1959003	19861109.1957001	19861109	19950215<>		
P LMN	SZ Trac Y1959 18.54 L	0.000	0.00		424.00 152.0SE	3.9 MN 0.0 0.23 100.0	9300.00	-0.29	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958015	19861109.1959004	19861109.1957001	19861109	19950215<>		
P GGN	SZ Pn A1958 21.03 D L	-0.490	2.50		460.00 174.0S	4.1 MN 0.0 0.00 0.0	24400.00	-0.29	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958017	19861109.1958017	19861109.1957001	19861109	19950215<>		
P GGN	SZ Sn C1959 08.95 L	1.480	0.20		460.00 174.0S	4.1 MN 0.0 0.00 0.0	24400.00	-0.29	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958017	19861109.1959005	19861109.1957001	19861109	19950215<>		
P GGN	SZ Sg C1959 32.04 L	3.320	0.20		460.00 174.0S	4.1 MN 0.0 0.40 100.0	24400.00	-0.29	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958017	19861109.1959006	19861109.1957001	19861109	19950215<>		
P GGN	SZ Trac Y1959 33.04 L	0.000	0.00		460.00 174.0S	4.1 MN 0.0 0.40 100.0	24400.00	-0.29	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958017	19861109.1959007	19861109.1957001	19861109	19950215<>		
P GNT	SZ Pn B1958 25.48 L	0.530	0.60		490.00 231.0SW	4.3 MN 0.0 0.00 0.0	40600.00	-0.06	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958018	19861109.1958018	19861109.1957001	19861109	19950215<>		
P GNT	SZ Sn B1959 15.07 L	1.450	0.60		490.00 231.0SW	4.3 MN 0.0 0.00 0.0	40600.00	-0.06	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958018	19861109.1959008	19861109.1957001	19861109	19950215<>		
P GNT	SZ Sg B1959 34.33 L	-2.550	0.60		490.00 231.0SW	4.3 MN 0.0 0.43 100.0	40600.00	-0.06	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958018	19861109.1959009	19861109.1957001	19861109	19950215<>		
P GNT	SZ Trac Y1959 35.33 L	0.000	0.00		490.00 231.0SW	4.3 MN 0.0 0.43 100.0	40600.00	-0.06	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958018	19861109.1959010	19861109.1957001	19861109	19950215<>		
P SBQ	SZ Pn B1958 32.83 L	0.760	0.60		548.00 220.0SW	4.2 MN 0.0 0.00 0.0	24700.00	-0.07	0.0	49.0	GSC
GSC	19861109.195624.A.ECTN			tsf added Apr 04	19861109.1958019	19861109.1958019	19861109.1957001	19861109	19950215<>		

selectM4+1920-2007.npf

GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912018	19881123.0912018	19881123.0911001	19881123	19950214<>					
P GSQ	SZ Sg XB0912 56.48	L	0.400	0.00	315.00	72.0E	4.5 MN	0.0 0.30	100.0	94300.00	-0.22	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912018	19881123.0912019	19881123.0911001	19881123	19950214<>					
P GSQ	SZ Trac Y0912 57.48	L	0.000	0.00	315.00	72.0E	4.5 MN	0.0 0.30	100.0	94300.00	-0.22	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912018	19881123.0912020	19881123.0911001	19881123	19950214<>					
P MNQ	SZ Pn XA0912 13.11	L	1.980	0.00	320.00	33.0NE	0.0 MN	0.0 0.00	0.0	0.00	-0.10	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912021	19881123.0912021	19881123.0911001	19881123	19950214<>					
P TRQ	SZ Pn XA0912 13.56	C L	1.030	0.00	332.00	231.0SW	5.2 MN	0.0 0.00	0.0	467300.00	-0.09	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912022	19881123.0912022	19881123.0911001	19881123	19950214<>					
P TRQ	SZ Sg X0912 56.85	L	-3.860	0.00	332.00	231.0SW	5.2 MN	0.0 0.33	100.0	467300.00	-0.09	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912022	19881123.0912023	19881123.0911001	19881123	19950214<>					
P TRQ	SZ Trac Y0912 57.85	L	0.000	0.00	332.00	231.0SW	5.2 MN	0.0 0.33	100.0	467300.00	-0.09	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912022	19881123.0912024	19881123.0911001	19881123	19950214<>					
P MNT	SZ Pn XA0912 15.45	C L	1.260	0.00	346.00	213.0SW	0.0 MN	0.0 0.00	0.0	0.00	-0.06	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912025	19881123.0912025	19881123.0911001	19881123	19950214<>					
P MIM	SZ Pn X0912 17.60	L	1.610	0.00	361.00	152.0SE	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Mar 04	19881123.0912026	19881123.0912026	19881123.0911001	19881123	19950214<>					
P GRQ	SZ Pn XA0912 20.37	C L	0.660	0.00	391.00	246.0SW	0.0 MN	0.0 0.00	0.0	0.00	-0.09	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912027	19881123.0912027	19881123.0911001	19881123	19950214<>					
P KLN	SZ Pn XB0912 21.46	L	1.500	0.00	391.00	110.0E	4.3 MN	0.0 0.00	0.0	31200.00	-0.29	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912028	19881123.0912028	19881123.0911001	19881123	19950214<>					
P KLN	SZ Trac Y0912 22.46	L	0.000	0.00	391.00	110.0E	4.3 MN	0.0 0.23	100.0	31200.00	-0.29	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912028	19881123.0912029	19881123.0911001	19881123	19950214<>					
P BNH	SZ Pn X0912 21.80	L	1.790	0.00	394.00	181.0S	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Mar 04	19881123.0912030	19881123.0912030	19881123.0911001	19881123	19950214<>					
P GAC	SZ Pn XA0912 24.98	C L	1.360	0.00	423.00	232.0SW	0.0 MN	0.0 0.00	0.0	0.00	-0.06	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912031	19881123.0912031	19881123.0911001	19881123	19950214<>					
P OTT	SZ Pn XB0912 30.09	+ L	1.980	0.00	460.00	230.0SW	0.0 MN	0.0 0.00	0.0	0.00	-0.06	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912032	19881123.0912032	19881123.0911001	19881123	19950214<>					
P WBO	SZ Pn XC0912 30.77	L	1.720	0.00	468.00	223.0SW	5.0 MN	0.0 0.00	0.0	175300.00	-0.06	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912033	19881123.0912033	19881123.0911001	19881123	19950214<>					
P WBO	SZ Sg X0913 34.75	L	-4.020	0.00	468.00	223.0SW	5.0 MN	0.0 0.37	100.0	175300.00	-0.06	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912033	19881123.0913001	19881123.0911001	19881123	19950214<>					
P WBO	SZ Trac Y0913 35.75	L	0.000	0.00	468.00	223.0SW	5.0 MN	0.0 0.37	100.0	175300.00	-0.06	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912033	19881123.0913002	19881123.0911001	19881123	19950214<>					
P GGN	SZ Pn XB0912 33.39	+ L	3.350	0.00	474.00	133.0SE	4.5 MN	0.0 0.00	0.0	56800.00	-0.29	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912034	19881123.0912034	19881123.0911001	19881123	19950214<>					
P GGN	SZ Pg XB0912 40.04	L	-4.260	0.00	474.00	133.0SE	4.5 MN	0.0 0.00	0.0	56800.00	-0.29	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912034	19881123.0912035	19881123.0911001	19881123	19950214<>					
P GGN	SZ Trac Y0912 41.04	L	0.000	0.00	474.00	133.0SE	4.5 MN	0.0 0.40	100.0	56800.00	-0.29	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912034	19881123.0912036	19881123.0911001	19881123	19950214<>					
P RSNY	SZ Pn X0912 29.60	L	-0.160	0.00	474.00	214.0SW	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Mar 04	19881123.0912037	19881123.0912037	19881123.0911001	19881123	19950214<>					
P CKO	SZ Pn XA0912 36.71	C L	-0.060	0.00	531.00	246.0SW	0.0 MN	0.0 0.00	0.0	0.00	-0.06	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912038	19881123.0912038	19881123.0911001	19881123	19950214<>					
P LMN	SZ Pn XB0912 39.95	C L	0.810	0.00	549.00	115.0SE	4.3 MN	0.0 0.00	0.0	47300.00	-0.29	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912039	19881123.0912039	19881123.0911001	19881123	19950214<>					
P LMN	SZ Sn XB0913 35.08	L	2.800	0.00	549.00	115.0SE	4.3 MN	0.0 0.00	0.0	47300.00	-0.29	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912039	19881123.0913003	19881123.0911001	19881123	19950214<>					
P LMN	SZ Sg XC0914 03.25	L	1.700	0.00	549.00	115.0SE	4.3 MN	0.0 0.70	100.0	47300.00	-0.29	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912039	19881123.0914001	19881123.0911001	19881123	19950214<>					
P LMN	SZ Trac Y0914 04.25	L	0.000	0.00	549.00	115.0SE	4.3 MN	0.0 0.70	100.0	47300.00	-0.29	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912039	19881123.0914002	19881123.0911001	19881123	19950214<>					
P DNH	SZ Pn X0913 11.20	L	31.280	0.00	558.00	177.0S	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Mar 04	19881123.0913004	19881123.0913004	19881123.0911001	19881123	19950214<>					
P EEO	SZ Pn XA0912 47.60	C L	0.300	0.00	617.00	257.0W	5.5 MN	0.0 0.00	0.0	275700.00	-0.06	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912040	19881123.0912040	19881123.0911001	19881123	19950214<>					
P EEO	SZ Trac Y0912 48.60	L	0.000	0.00	617.00	257.0W	5.5 MN	0.0 0.30	100.0	275700.00	-0.06	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Apr 04	19881123.0912040	19881123.0912041	19881123.0911001	19881123	19950214<>					
P HAL	SZ Pn XB0912 59.00	L	1.430	0.00	702.00	121.0SE	3.9 MN	0.0 0.00	0.0	12500.00	0.00	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Mar 04	19881123.0912042	19881123.0912042	19881123.0911001	19881123	19950214<>					
P HAL	SZ Trac Y0913 00.00	L	0.000	0.00	702.00	121.0SE	3.9 MN	0.0 0.40	154.0	12500.00	0.00	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Mar 04	19881123.0912042	19881123.0913005	19881123.0911001	19881123	19950214<>					
P GBN	SZ Pn XB0913 11.00	L	1.600	0.00	799.00	109.0E	4.0 MN	0.0 0.00	0.0	10500.00	0.00	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Mar 04	19881123.0913006	19881123.0913006	19881123.0911001	19881123	19950214<>					
P GBN	SZ Trac Y0913 12.00	L	0.000	0.00	799.00	109.0E	4.0 MN	0.0 0.50	103.0	10500.00	0.00	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Mar 04	19881123.0913006	19881123.0913007	19881123.0911001	19881123	19950214<>					
P SCH	SZ Pn XB0913 12.70	L	2.550	0.00	805.00	21.0N	4.5 MN	0.0 0.00	0.0	32000.00	0.00	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Mar 04	19881123.0913008	19881123.0913008	19881123.0911001	19881123	19950214<>					
P SCH	SZ Trac Y0913 13.70	L	0.000	0.00	805.00	21.0N	4.5 MN	0.0 0.40	131.0	32000.00	0.00	0.0	49.0	GSC
GSC	19881123.091048.A.ECTN			tsf added Mar 04	19881123.0913008	19881123.0913009	19881123.0911001	19881123	19950214<>					

															selectM4+1920-2007.npf	
I	E	B	36.0	15.0	39	385	0.7	MB=6.34	16	19881125.2346002	20060428					
I									17	19881125.2346002	20060428					
I	PGC LPZ	34.1	43.5	1.4	31100	18.	MS=6.08	18	19881125.2346002	20060428						
I	MAXIMUM AMPLITUDE ON LPZ	60.0			15.			19	19881125.2346002	20060428						
I									20	19881125.2346002	20060428					
I	UNFILTERED CLTN TRACES SCALED BY FA									21	19881125.2346002	20060428				
I	CLTN NORTH SHORE DATA ONLY, FIELD P PHASES USED									22	19881125.2346002	20060428				
I	FIELD DATA RE-READ BY FA									23	19881125.2346002	20060428				
I	EPICENTRE DETERMINED WITH FIELD STATIONS WITHIN 10 KM									24	19881125.2346002	20060428				
I	ISOSEISMAL DONE									25	19881125.2346002	20060428				
H	Stn--Ch-Ph--UQHhmm	Ss.sssFm-TRes-----	Wt---D	st_km--Az----	OcMag--UTp--M_resPer--	Mag_f--Amp-----	QA_hm	ss.ssst	TR_c-ST_c-AutSnr-Slow-L_a/tM_az--	M_emerD_qc_ph----	LcEmer--	Delta-				
AgencySource	Tsf	Smdl	Comment	Groupid	Arrid	Solid	Arr_date	tm	Update							
P CQ3	SZ Pg A2346 09.36 C L	0.020	0.40	4.00	352.0N	0.0 MN	0.0 0.00	0.0	0.00	0.02	0.0	-8.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Mar 04	19881125.2346001	19881125.2346001	19881125.2346002	19881125	20060428<>								
P CQ1	SZ Pg A2346 09.37 L	-0.040	1.10	7.00	245.0SW	0.0 MN	0.0 0.00	0.0	0.00	0.03	0.0	-13.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Mar 04	19881125.2346002	19881125.2346002	19881125.2346002	19881125	20060428<>								
P CQ2	SZ Pg A2346 09.55 L	0.010	0.10	10.00	334.0NW	0.0 MN	0.0 0.00	0.0	0.00	0.03	0.0	-19.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Mar 04	19881125.2346003	19881125.2346003	19881125.2346002	19881125	20060428<>								
P LMQ	SZ Pg A2346 19.90 D L	0.030	0.60	90.00	134.0SE	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	-72.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Mar 04	19881125.2346004	19881125.2346004	19881125.2346002	19881125	20060428<>								
P A61	SZ Pg A2346 20.57 D L	0.040	1.30	94.00	120.0SE	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	-73.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346005	19881125.2346005	19881125.2346002	19881125	20060428<>								
P A61	SZ Sg A2346 32.26 L	-0.020	0.30	94.00	120.0SE	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	-73.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346005	19881125.2346006	19881125.2346002	19881125	20060428<>								
P A54	SZ Pg A2346 20.31 D L	-0.080	4.40	94.00	142.0SE	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	-73.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346007	19881125.2346007	19881125.2346002	19881125	20060428<>								
P A54	SZ Sg A2346 32.07 L	0.040	1.30	94.00	142.0SE	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	-73.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346007	19881125.2346008	19881125.2346002	19881125	20060428<>								
P A64	SZ Pg A2346 21.66 D L	0.010	0.10	102.00	108.0E	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	-74.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346009	19881125.2346009	19881125.2346002	19881125	20060428<>								
P A64	SZ Sg A2346 34.20 L	-0.020	0.40	102.00	108.0E	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	-74.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346009	19881125.2346010	19881125.2346002	19881125	20060428<>								
P A16	SZ Pg XA2346 23.70 D L	0.170	0.00	114.00	129.0SE	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	-76.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346011	19881125.2346011	19881125.2346002	19881125	20060428<>								
P A16	SZ Sg XA2346 37.69 L	0.200	0.00	114.00	129.0SE	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	-76.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346011	19881125.2346012	19881125.2346002	19881125	20060428<>								
P A21	SZ Pg XA2346 24.57 D L	-0.050	0.00	121.00	112.0E	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	-77.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346013	19881125.2346013	19881125.2346002	19881125	20060428<>								
P A21	SZ Sg XA2346 39.39 L	0.000	0.00	121.00	112.0E	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	-77.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346013	19881125.2346014	19881125.2346002	19881125	20060428<>								
P A11	SZ Pg XB2346 24.76 D L	-0.090	0.00	122.00	142.0SE	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	-77.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346015	19881125.2346015	19881125.2346002	19881125	20060428<>								
P A11	SZ Sg XB2346 39.78 L	-0.010	0.00	122.00	142.0SE	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	-77.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346015	19881125.2346016	19881125.2346002	19881125	20060428<>								
P LPQ	SZ Pg XA2346 25.33 D L	0.080	0.00	123.00	134.0SE	0.0 MN	0.0 0.00	0.0	0.00	-0.22	0.0	-77.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346017	19881125.2346017	19881125.2346002	19881125	20060428<>								
P DPQ	SZ Pn XA2346 34.51 C L	0.900	0.00	200.00	218.0SW	0.0 MN	0.0 0.00	0.0	0.00	-0.06	0.0	49.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346018	19881125.2346018	19881125.2346002	19881125	20060428<>								
P EBN	SZ Pn XA2346 39.42 D L	1.720	0.00	232.00	107.0E	0.0 MN	0.0 0.00	0.0	0.00	-0.22	0.0	49.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346019	19881125.2346019	19881125.2346002	19881125	20060428<>								
P SBQ	SZ Pn XA2346 48.18 C L	1.160	0.00	310.00	191.0S	6.5 MN	0.0 0.00	0.0	153600.00	-0.07	0.0	49.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346020	19881125.2346020	19881125.2346002	19881125	20060428<>								
P SBQ	SZ Sg X2347 28.32 L	-3.530	0.00	310.00	191.0S	6.5 MN	0.0 0.57	1.0	153600.00	-0.07	0.0	49.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346020	19881125.2347001	19881125.2346002	19881125	20060428<>								
P SBQ	SZ Trac Y2347 29.32 L	0.000	0.00	310.00	191.0S	6.5 MN	0.0 0.57	1.0	153600.00	-0.07	0.0	49.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346020	19881125.2347002	19881125.2346002	19881125	20060428<>								
P GSQ	SZ Pn XA2346 49.37 D L	1.700	0.00	314.00	72.0E	0.0 MN	0.0 0.00	0.0	0.00	-0.22	0.0	49.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346021	19881125.2346021	19881125.2346002	19881125	20060428<>								
P HNME	SZ Pn X2346 50.58 L	1.680	0.00	326.00	131.0SE	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	49.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Mar 04	19881125.2346022	19881125.2346022	19881125.2346002	19881125	20060428<>								
P TRQ	SZ Pn XA2346 50.20 C L	0.470	0.00	331.00	232.0SW	0.0 MN	0.0 0.00	0.0	0.00	-0.09	0.0	49.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346023	19881125.2346023	19881125.2346002	19881125	20060428<>								
P MNT	SZ Pn XA2346 52.03 C L	0.710	0.00	345.00	214.0SW	0.0 MN	0.0 0.00	0.0	0.00	-0.06	0.0	49.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346024	19881125.2346024	19881125.2346002	19881125	20060428<>								
P MIM	SZ Pn X2346 54.10 L	1.140	0.00	359.00	152.0SE	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	49.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Mar 04	19881125.2346025	19881125.2346025	19881125.2346002	19881125	20060428<>								
P KLN	SZ Pn XA2346 58.33 L	1.360	0.00	390.00	110.0E	6.3 MN	0.0 0.00	0.0	545000.00	-0.29	0.0	49.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346026	19881125.2346026	19881125.2346002	19881125	20060428<>								
P KLN	SZ Trac Y2346 59.33 L	0.000	0.00	390.00	110.0E	6.3 MN	0.0 0.40	10.0	545000.00	-0.29	0.0	49.0	GSC			
GSC	19881125.234524.A.ECTN	tsf added	Apr 04	19881125.2346026	19881125.2346027	19881125.2346002	19881125	20060428<>								
P GRQ	SZ Pn XB2346 57.06 C L	0.080	0.00	391.00	246.0SW	6.4 MN	0.0 0.00	0.0	620900.00	-0.09	0.0	49.0	GSC			

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GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2346028	19881125.2346028	19881125.2346002	19881125	20060428<>			
P GRQ	SZ Trac Y2346 58.06	L	0.000 0.00	391.00 246.0SW	6.4 MN	0.0 0.40	10.0	620900.00	-0.09	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2346028	19881125.2346029	19881125.2346002	19881125	20060428<>			
P HKM	SZ Pn X2346 59.44	L	1.180 0.00	403.00 162.0S	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Mar 04	19881125.2346030	19881125.2346030	19881125.2346002	19881125	20060428<>			
P GAC	SZ Pn XA2347 01.70	C L	0.880 0.00	423.00 232.0SW	0.0 MN	0.0 0.00	0.0	0.00	-0.06	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347003	19881125.2347003	19881125.2346002	19881125	20060428<>			
P OTT	SZ Pn XC2347 06.48	D L	1.170 0.00	460.00 231.0SW	0.0 MN	0.0 0.00	0.0	0.00	-0.06	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347004	19881125.2347004	19881125.2346002	19881125	20060428<>			
P PQ1	SZ Pn X2347 07.02	L	1.280 0.00	464.00 139.0SE	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Mar 04	19881125.2347005	19881125.2347005	19881125.2346002	19881125	20060428<>			
P WBO	SZ Pn XA2347 06.96	C L	0.740 0.00	468.00 224.0SW	0.0 MN	0.0 0.00	0.0	0.00	-0.06	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347006	19881125.2347006	19881125.2346002	19881125	20060428<>			
P EMM	SZ Pn X2347 07.52	L	0.960 0.00	471.00 142.0SE	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Mar 04	19881125.2347007	19881125.2347007	19881125.2346002	19881125	20060428<>			
P GGN	SZ Pn XA2347 08.30	C L	1.290 0.00	472.00 133.0SE	6.5 MN	0.0 0.00	0.0	819100.00	-0.29	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347008	19881125.2347008	19881125.2346002	19881125	20060428<>			
P GGN	SZ Sn X2347 55.93	L	2.730 0.00	472.00 133.0SE	6.5 MN	0.0 0.00	0.0	819100.00	-0.29	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347008	19881125.2347009	19881125.2346002	19881125	20060428<>			
P GGN	SZ Sg X2348 18.57	L	1.180 0.00	472.00 133.0SE	6.5 MN	0.0 0.53	10.0	819100.00	-0.29	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347008	19881125.2348001	19881125.2346002	19881125	20060428<>			
P GGN	SZ Trac Y2348 19.57	L	0.000 0.00	472.00 133.0SE	6.5 MN	0.0 0.53	10.0	819100.00	-0.29	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347008	19881125.2348002	19881125.2346002	19881125	20060428<>			
P CKO	SZ Pn XA2347 13.38	C L	-0.650 0.00	532.00 246.0SW	6.4 MN	0.0 0.00	0.0	313900.00	-0.06	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347010	19881125.2347010	19881125.2346002	19881125	20060428<>			
P CKO	SZ Trac Y2347 14.38	L	0.000 0.00	532.00 246.0SW	6.4 MN	0.0 0.37	10.0	313900.00	-0.06	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347010	19881125.2347011	19881125.2346002	19881125	20060428<>			
P LMN	SZ Pn X2347 16.98	C L	0.840 0.00	547.00 115.0SE	6.5 MN	0.0 0.00	0.0	114400.00	-0.29	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347012	19881125.2347012	19881125.2346002	19881125	20060428<>			
P LMN	SZ Sn X2348 10.09	L	0.970 0.00	547.00 115.0SE	6.5 MN	0.0 0.00	0.0	114400.00	-0.29	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347012	19881125.2348003	19881125.2346002	19881125	20060428<>			
P LMN	SZ Sg X2348 40.55	L	2.300 0.00	547.00 115.0SE	6.5 MN	0.0 0.90	1.0	114400.00	-0.29	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347012	19881125.2348004	19881125.2346002	19881125	20060428<>			
P LMN	SZ Trac Y2348 41.55	L	0.000 0.00	547.00 115.0SE	6.5 MN	0.0 0.90	1.0	114400.00	-0.29	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347012	19881125.2348005	19881125.2346002	19881125	20060428<>			
P EEO	SZ Pn XA2347 24.36	C L	-0.250 0.00	618.00 258.0W	6.5 MN	0.0 0.00	0.0	399800.00	-0.06	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347013	19881125.2347013	19881125.2346002	19881125	20060428<>			
P EEO	SZ Sn X2348 22.91	L	-1.170 0.00	618.00 258.0W	6.5 MN	0.0 0.00	0.0	399800.00	-0.06	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347013	19881125.2348006	19881125.2346002	19881125	20060428<>			
P EEO	SZ Sg X2348 55.51	L	-2.470 0.00	618.00 258.0W	6.5 MN	0.0 0.43	10.0	399800.00	-0.06	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347013	19881125.2348007	19881125.2346002	19881125	20060428<>			
P EEO	SZ Trac Y2348 56.51	L	0.000 0.00	618.00 258.0W	6.5 MN	0.0 0.43	10.0	399800.00	-0.06	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347013	19881125.2348008	19881125.2346002	19881125	20060428<>			
P JAQ	SZ Pn XA2347 35.88	C L	0.230 0.00	709.00 335.0NW	0.0 MN	0.0 0.00	0.0	0.00	-0.07	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347014	19881125.2347014	19881125.2346002	19881125	20060428<>			
P WEO	SZ Pn XA2347 37.27	D L	0.370 0.00	719.00 233.0SW	6.7 MN	0.0 0.00	0.0	680900.00	-0.07	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347015	19881125.2347015	19881125.2346002	19881125	20060428<>			
P WEO	SZ Sn X2348 47.58	L	2.070 0.00	719.00 233.0SW	6.7 MN	0.0 0.00	0.0	680900.00	-0.07	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347015	19881125.2348009	19881125.2346002	19881125	20060428<>			
P WEO	SZ Sg X2349 16.49	L	-9.730 0.00	719.00 233.0SW	6.7 MN	0.0 0.63	10.0	680900.00	-0.07	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347015	19881125.2349001	19881125.2346002	19881125	20060428<>			
P WEO	SZ Trac Y2349 17.49	L	0.000 0.00	719.00 233.0SW	6.7 MN	0.0 0.63	10.0	680900.00	-0.07	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347015	19881125.2349002	19881125.2346002	19881125	20060428<>			
P SWO	SZ Pn XC2347 40.07	C L	-1.350 0.00	756.00 262.0W	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347016	19881125.2347016	19881125.2346002	19881125	20060428<>			
P SUO	SZ Pn XA2347 41.76	C L	-0.990 0.00	767.00 259.0W	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347017	19881125.2347017	19881125.2346002	19881125	20060428<>			
P SZO	SZ Pn XC2347 45.55	C L	-1.440 0.00	802.00 260.0W	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Apr 04	19881125.2347018	19881125.2347018	19881125.2346002	19881125	20060428<>			
P SCH	SZ Pn XA2347 46.90	D L	-0.600 0.00	806.00 21.0N	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Mar 04	19881125.2347019	19881125.2347019	19881125.2346002	19881125	20060428<>			
P STJ	SZ Pn X2348 56.30	D L	-1.140 0.00	1380.00 86.0E	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Mar 04	19881125.2348010	19881125.2348010	19881125.2346002	19881125	20060428<>			
P FRB	SZ Pn X2349 37.00	-S L	-5.500 0.00	1750.00 4.0N	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	49.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Mar 04	19881125.2349003	19881125.2349003	19881125.2346002	19881125	20060428<>			
P IGL	SZ Pn X2350 55.80	C L	0.490 0.00	2441.00 350.0N	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	39.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Mar 04	19881125.2350001	19881125.2350001	19881125.2346002	19881125	20060428<>			
P EDM	SZ Pn X2351 44.30	C L	1.770 0.00	2992.00 297.0NW	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	33.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Mar 04	19881125.2351001	19881125.2351001	19881125.2346002	19881125	20060428<>			
P RES	SZ Pn X2351 58.50	C L	1.610 0.00	3172.00 347.0N	0.0 MN	0.0 0.00	0.0	0.00	0.00	0.0	33.0	GSC
GSC	19881125.234524.A.ECTN			tsf added Mar 04	19881125.2351002	19881125.2351002	19881125.2346002	19881125	20060428<>			

selectM4+1920-2007.npf

P EBN	SZ Sn	B1756 49.40	L	0.600	0.20	212.00	199.0S	4.1 MN	0.0 0.00	0.0	46200.00	.	-0.22	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1756009	19890101.1756010	19890101.1755001	19890101	19950214<>				
P EBN	SZ Sg	XB1756 58.24	L	4.800	0.00	212.00	199.0S	4.1 MN	0.0 0.23	100.0	46200.00	.	-0.22	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1756009	19890101.1756011	19890101.1755001	19890101	19950214<>				
P EBN	SZ Trac	Y1756 59.24	L	0.000	0.00	212.00	199.0S	4.1 MN	0.0 0.23	100.0	46200.00	.	-0.22	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1756009	19890101.1756012	19890101.1755001	19890101	19950214<>				
P KLN	SZ Pn	A1756 33.16 C	L	-0.470	2.40	279.00	165.0S	3.9 MN	0.0 0.00	0.0	28600.00	.	-0.29	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1756013	19890101.1756013	19890101.1755001	19890101	19950214<>				
P KLN	SZ Trac	Y1756 34.16	L	0.000	0.00	279.00	165.0S	3.9 MN	0.0 0.30	100.0	28600.00	.	-0.29	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1756013	19890101.1756014	19890101.1755001	19890101	19950214<>				
P LPQ	SZ Pn	B1756 35.13 D	L	-0.030	0.00	293.00	224.0SW	0.0 MN	0.0 0.00	0.0	0.00	.	-0.22	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1756015	19890101.1756015	19890101.1755001	19890101	19950214<>				
P LPQ	SZ Sg	XB1757 12.63	L	-3.270	0.00	293.00	224.0SW	0.0 MN	0.0 0.00	0.0	0.00	.	-0.22	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1756015	19890101.1757001	19890101.1755001	19890101	19950214<>				
P DAQ	SZ Pn	B1756 37.81	L	-1.000	0.70	323.00	245.0SW	4.2 MN	0.0 0.00	0.0	33500.00	.	-0.06	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1756016	19890101.1756016	19890101.1755001	19890101	19950214<>				
P DAQ	SZ Sg	XB1757 19.34	L	-4.950	0.00	323.00	245.0SW	4.2 MN	0.0 0.27	100.0	33500.00	.	-0.06	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1756016	19890101.1757002	19890101.1755001	19890101	19950214<>				
P DAQ	SZ Trac	Y1757 20.34	L	0.000	0.00	323.00	245.0SW	4.2 MN	0.0 0.27	100.0	33500.00	.	-0.06	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1756016	19890101.1757003	19890101.1755001	19890101	19950214<>				
P LMN	SZ Pn	B1756 50.63	L	-0.770	0.40	425.00	153.0SE	3.7 MN	0.0 0.00	0.0	9300.00	.	-0.29	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1756017	19890101.1756017	19890101.1755001	19890101	19950214<>				
P LMN	SZ Sn	C1757 33.76	L	-0.410	0.00	425.00	153.0SE	3.7 MN	0.0 0.00	0.0	9300.00	.	-0.29	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1756017	19890101.1757004	19890101.1755001	19890101	19950214<>				
P LMN	SZ Sg	C1757 52.54	L	-0.460	0.00	425.00	153.0SE	3.7 MN	0.0 0.37	100.0	9300.00	.	-0.29	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1756017	19890101.1757005	19890101.1755001	19890101	19950214<>				
P LMN	SZ Trac	Y1757 53.54	L	0.000	0.00	425.00	153.0SE	3.7 MN	0.0 0.37	100.0	9300.00	.	-0.29	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1756017	19890101.1757006	19890101.1755001	19890101	19950214<>				
P SBQ	SZ Pn	B1757 08.25	L	1.220	1.00	555.00	220.0SW	4.1 MN	0.0 0.00	0.0	23900.00	.	-0.07	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757007	19890101.1757007	19890101.1755001	19890101	19950214<>				
P SBQ	SZ Sn	B1758 02.82	L	1.210	1.00	555.00	220.0SW	4.1 MN	0.0 0.00	0.0	23900.00	.	-0.07	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757007	19890101.1758001	19890101.1755001	19890101	19950214<>				
P SBQ	SZ Sg	C1758 26.79	L	-2.410	0.20	555.00	220.0SW	4.1 MN	0.0 0.60	100.0	23900.00	.	-0.07	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757007	19890101.1758002	19890101.1755001	19890101	19950214<>				
P SBQ	SZ Trac	Y1758 27.79	L	0.000	0.00	555.00	220.0SW	4.1 MN	0.0 0.60	100.0	23900.00	.	-0.07	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757007	19890101.1758003	19890101.1755001	19890101	19950214<>				
P MNT	SZ Pn	B1757 16.08	L	-0.490	0.20	634.00	231.0SW	3.9 MN	0.0 0.00	0.0	5900.00	.	-0.06	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757008	19890101.1757008	19890101.1755001	19890101	19950214<>				
P MNT	SZ Sn	B1758 17.42	L	-0.830	0.50	634.00	231.0SW	3.9 MN	0.0 0.00	0.0	5900.00	.	-0.06	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757008	19890101.1758004	19890101.1755001	19890101	19950214<>				
P MNT	SZ Sg	X1758 44.16	L	-6.980	0.00	634.00	231.0SW	3.9 MN	0.0 0.27	100.0	5900.00	.	-0.06	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757008	19890101.1758005	19890101.1755001	19890101	19950214<>				
P MNT	SZ Trac	Y1758 45.16	L	0.000	0.00	634.00	231.0SW	3.9 MN	0.0 0.27	100.0	5900.00	.	-0.06	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757008	19890101.1758006	19890101.1755001	19890101	19950214<>				
P TRQ	SZ Pn	B1757 16.98	L	-0.390	0.10	639.00	241.0SW	4.2 MN	0.0 0.00	0.0	22300.00	.	-0.09	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757009	19890101.1757009	19890101.1755001	19890101	19950214<>				
P TRQ	SZ Sn	C1758 21.09	L	1.470	0.10	639.00	241.0SW	4.2 MN	0.0 0.00	0.0	22300.00	.	-0.09	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757009	19890101.1758007	19890101.1755001	19890101	19950214<>				
P TRQ	SZ Sg	B1758 54.78	L	2.020	2.80	639.00	241.0SW	4.2 MN	0.0 0.53	100.0	22300.00	.	-0.09	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757009	19890101.1758008	19890101.1755001	19890101	19950214<>				
P TRQ	SZ Trac	Y1758 55.78	L	0.000	0.00	639.00	241.0SW	4.2 MN	0.0 0.53	100.0	22300.00	.	-0.09	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757009	19890101.1758009	19890101.1755001	19890101	19950214<>				
P GRQ	SZ Pn	B1757 22.74	L	-2.330	3.70	703.00	248.0W	4.1 MN	0.0 0.00	0.0	9000.00	.	-0.09	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757010	19890101.1757010	19890101.1755001	19890101	19950214<>				
P GRQ	SZ Sn	C1758 34.25	L	1.200	0.10	703.00	248.0W	4.1 MN	0.0 0.00	0.0	9000.00	.	-0.09	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757010	19890101.1758010	19890101.1755001	19890101	19950214<>				
P GRQ	SZ Sg	C1759 06.13	L	-4.430	0.80	703.00	248.0W	4.1 MN	0.0 0.30	100.0	9000.00	.	-0.09	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757010	19890101.1759001	19890101.1755001	19890101	19950214<>				
P GRQ	SZ Trac	Y1759 07.13	L	0.000	0.00	703.00	248.0W	4.1 MN	0.0 0.30	100.0	9000.00	.	-0.09	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757010	19890101.1759002	19890101.1755001	19890101	19950214<>				
P JAQ	SZ Pn	B1757 32.67	L	-0.590	0.20	770.00	314.0NW	4.1 MN	0.0 0.00	0.0	9300.00	.	-0.07	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757011	19890101.1757011	19890101.1755001	19890101	19950214<>				
P JAQ	SZ Sn	B1758 47.59	L	0.230	0.00	770.00	314.0NW	4.1 MN	0.0 0.00	0.0	9300.00	.	-0.07	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757011	19890101.1758011	19890101.1755001	19890101	19950214<>				
P JAQ	SZ Sg	C1759 30.06	L	0.680	0.00	770.00	314.0NW	4.1 MN	0.0 0.33	100.0	9300.00	.	-0.07	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757011	19890101.1759003	19890101.1755001	19890101	19950214<>				
P JAQ	SZ Trac	Y1759 31.06	L	0.000	0.00	770.00	314.0NW	4.1 MN	0.0 0.33	100.0	9300.00	.	-0.07	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757011	19890101.1759004	19890101.1755001	19890101	19950214<>				
P CKO	SZ Pn	B1757 39.96	L	-2.160	3.20	843.00	248.0W	4.0 MN	0.0 0.00	0.0	5100.00	.	-0.06	0.0	49.0	GSC
GSC		19890101.175500.A.ECTN						19890101.1757012	19890101.1757012	19890101.1755001	19890101	19950214<>				
P CKO	SZ Sn	C1759 00.22	L	-2.620	0.30	843.00	248.0W	4.0 MN	0.0 0.00	0.0	5100.00	.	-0.06	0.0	49.0	GSC

selectM4+1920-2007.npf

P A64	SZ PG	AA0941 34.930D	L	0.027	4.00	12.46 347.7N	XMN	0.0 0.00	0.0	147000.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-50.0	0.11	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941044	19890309.0941044	19890309.0941008	19890309 00	19990528<>					
P A64	SZ SG	AA0941 36.810	L	-0.036	4.00	12.46 347.7N	XMN	0.0 0.13	10.0	147000.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-50.0	0.11	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941044	19890309.0941045	19890309.0941008	19890309 00	19990528<>					
P A64	SZ TracAY	0941 37.830	L			12.46 347.7N	3.8XMN	-0.5 0.13	10.0	147000.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-50.0	0.11	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941044	19890309.0941046	19890309.0941008	19890309 00	19990528<>					
P A61	SZ PG	AA0941 35.650D	L	0.036	4.00	17.73 261.3W	XMN	0.0 0.00	0.0	151700.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-59.4	0.16	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941047	19890309.0941047	19890309.0941008	19890309 00	19990528<>					
P A61	SZ SG	AA0941 38.120	L	0.038	4.00	17.73 261.3W	XMN	0.0 0.07	10.0	151700.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-59.4	0.16	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941047	19890309.0941048	19890309.0941008	19890309 00	19990528<>					
P A61	SZ TracAY	0941 39.120	L			17.73 261.3W	4.3XMN	0.0 0.07	10.0	151700.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-59.0	0.16	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941047	19890309.0941049	19890309.0941008	19890309 00	19990528<>					
P A16	SZ PG	AA0941 37.410C	L	0.074	4.00	29.64 202.4S	XMN	0.0 0.00	0.0	645400.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-70.6	0.27	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941050	19890309.0941050	19890309.0941008	19890309 00	19990528<>					
P A16	SZ SG	AA0941 41.000	L	-0.072	4.00	29.64 202.4S	XMN	0.0 0.15	100.0	645400.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-70.6	0.27	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941050	19890309.0941051	19890309.0941008	19890309 00	19990528<>					
P A16	SZ TracAY	0941 42.000	L			29.64 202.4S	4.0XMN	-0.3 0.15	100.0	645400.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-71.0	0.27	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941050	19890309.0941052	19890309.0941008	19890309 00	19990528<>					
P LMQ	SZ PG	AB0941 38.700D	L	-0.255	1.00	40.03 242.2SW	XMN	0.0 0.00	0.0	0.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-75.3	0.36	GSC
GSC		19890309.0941053				19890309.0941053	19890309.0941008	19890309 00	19990528<>										
P LPQ	SZ PG	XA0941 40.207C	L	0.679	0.00	43.38 195.5S	XMN	0.0 0.00	0.0	177100.000000	00.000	-0.06 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-76.4	0.39	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941054	19890309.0941054	19890309.0941008	19890309 00	19990528<>					
P LPQ	SZ SG	XA0941 45.530	L	0.696	0.00	43.38 195.5S	XMN	0.0 0.17	10.0	177100.000000	00.000	-0.06 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-76.4	0.39	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941054	19890309.0941055	19890309.0941008	19890309 00	19990528<>					
P LPQ	SZ TracAY	0941 46.530	L			43.38 195.5S	4.6XMN	0.3 0.17	10.0	177100.000000	00.000	-0.06 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-76.0	0.39	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941054	19890309.0941056	19890309.0941008	19890309 00	19990528<>					
P A54	SZ PG	AA0941 40.510D	L	-0.147	4.00	50.89 235.5SW	XMN	0.0 0.00	0.0	806700.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-78.4	0.46	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941057	19890309.0941057	19890309.0941008	19890309 00	19990528<>					
P A54	SZ SG	AA0941 46.870	L	0.031	4.00	50.89 235.5SW	XMN	0.0 0.15	100.0	806700.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-78.4	0.46	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941057	19890309.0941058	19890309.0941008	19890309 00	19990528<>					
P A54	SZ TracAY	0941 47.870	L			50.89 235.5SW	4.5 MN	0.2 0.15	100.0	806700.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-78.0	0.46	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941057	19890309.0941059	19890309.0941008	19890309 00	19990528<>					
P A11	SZ PG	AA0941 41.960D	L	0.072	4.00	58.73 206.1SW	XMN	0.0 0.00	0.0	152300.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-79.9	0.53	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941060	19890309.0941060	19890309.0941008	19890309 00	19990528<>					
P A11	SZ SG	AB0941 48.910	L	-0.068	1.00	58.73 206.1SW	XMN	0.0 0.17	100.0	152300.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-79.9	0.53	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941060	19890309.0941061	19890309.0941008	19890309 00	19990528<>					
P A11	SZ TracAY	0941 49.910	L			58.73 206.1SW	3.8 MN	-0.5 0.17	100.0	152300.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-80.0	0.53	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941060	19890309.0941062	19890309.0941008	19890309 00	19990528<>					
P SLQ	SZ PG	XB0941 43.000D	L	0.294	0.00	63.83 94.8E	XMN	0.0 0.00	0.0	0.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-80.7	0.57	GSC
GSC		19890309.0941063				19890309.0941063	19890309.0941008	19890309 00	19990528<>										
P DAQ	SZ PG	XA0941 49.560D	L	-0.224	0.00	107.40 285.4W	XMN	0.0 0.00	0.0	226600.000000	00.000	-0.10 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-84.4	0.97	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941064	19890309.0941064	19890309.0941008	19890309 00	19990528<>					
P DAQ	SZ SG	XA0942 02.990	L	0.373	0.00	107.40 285.4W	XMN	0.0 0.13	100.0	226600.000000	00.000	-0.10 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-84.4	0.97	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941064	19890309.0942052	19890309.0941008	19890309 00	19990528<>					
P DAQ	SZ TracAY	0942 03.990	L			107.40 285.4W	4.5 MN	0.2 0.13	100.0	226600.000000	00.000	-0.10 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-84.0	0.97	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941064	19890309.0942053	19890309.0941008	19890309 00	19990528<>					
P EBN	SZ PG	XA0941 53.720D	L	1.253	0.00	124.80 102.5E	XMN	0.0 0.00	0.0	46000.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-85.2	1.12	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941065	19890309.0941065	19890309.0941008	19890309 00	19990528<>					
P EBN	SZ SG	XB0942 12.490	L	5.140	0.00	124.80 102.5E	XMN	0.0 0.13	100.0	46000.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-85.2	1.12	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941065	19890309.0942054	19890309.0941008	19890309 00	19990528<>					
P EBN	SZ TracAY	0942 13.490	L			124.80 102.5E	3.9 MN	-0.4 0.13	100.0	46000.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-85.0	1.12	GSC
GSC		19890309.094036.A.ECTN				tsf added Mar 04				19890309.0941065	19890309.0942055	19890309.0941008	19890309 00	19990528<>					
P JOQ	SZ PG	XY0000 00.000D	L	0.000	0.00	128.81 307.0NW	X	0.0 0.00	0.0	0.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-85.3	1.16	
GSC		19890309.0000001				19890309.0000001	19890309.0941008	19890309 00	19990528<>										
P QCQ	SZ PG	XB0941 56.000D	L	-0.491	0.00	149.83 226.4SW	XMN	0.0 0.00	0.0	0.000000	00.000	0.00 0.00 0.00	0.0	0.00 0.00	0.0	0.0	-86.0	1.35	GSC
GSC		19890309.0941066																	

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I RATIO= 1.329 DAQ 320886D 0.19 -4371.84 5044.16 322222 0.15 93252.16 18 19890311.0831009 19990601
 I RATIO= 0.842 A11 320180D 0.18 -5065.64 5889.64 32 877 0.22 35193.64 19 19890311.0831009 19990601
 I RATIO= 1.094 A16 325726C 0.16 12168.37 36263.63 32 88 0.16 151256.38 20 19890311.0831009 19990601
 I RATIO= 1.235 A54 320034D 0.16 -16321.58 23358.42 32 670 0.10 280382.44 21 19890311.0831009 19990601
 I RATIO= 0.150 A61 315548D 0.15 -580846.44 893713.56 315797 0.10 819985.56 22 19890311.0831009 19990601
 I RATIO= 1.211 A64 315473D 0.15 -88760.11 114887.89 315663 0.16 1442744.13 23 19890311.0831009 19990601
 I 24 19890311.0831009 19990601
 I The Sg lines of some stations include the SH FM. 25 19890311.0831009 19990601
 I The convention used is the Virginia Tech convention used in FOCMEC: 26 19890311.0831009 19990601
 I <: SH first motion to left (back to event) impulsive 27 19890311.0831009 19990601
 I >: SH first motion to right (back to event) impulsive 28 19890311.0831009 19990601
 I Preliminary Focmec computed by ML. 29 19890311.0831009 19990601
 I MIM and CBM from ISC bulletin. 30 19890311.0831009 19990601
 I Sudbury data added by Maurice in May 1999 31 19890311.0831009 19990601

Agency	Source	Tsf	Smdl	Comment	Groupid	Arrid	Solid	Arr_date	tm	Update	Delta					
P A64	SZ PG AA0831 54.730D	L	-0.047	4.00	12.02 353.6N	XMN	0.0 0.00	0.0	529600.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-49.4	0.11	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0831017	19890311.0831017	19890311.0831009	19890311.0831009	19890311.0831009	19890311 00 19990601<>					
P A64	SZ SG AA0831 56.640	L	-0.028	4.00	12.02 353.6N	XMN	0.0 0.22	10.0	529600.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-49.4	0.11	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0831017	19890311.0831018	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P A64	SZ TracAY0831 57.640	L			12.02 353.6N	4.1XMN	-0.3 0.22	10.0	529600.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-50.0	0.11	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0831017	19890311.0831019	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P A61	SZ PG AA0831 55.470D	L	0.100	4.00	16.45 259.8W	XMN	0.0 0.00	0.0	113300.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-57.9	0.15	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0831020	19890311.0831020	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P A61	SZ SG AC0831 57.980	L	0.281	0.25	16.45 259.8W	XMN	0.0 0.08	10.0	113300.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-57.9	0.15	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0831020	19890311.0831021	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P A61	SZ TracAY0831 58.980	L			16.45 259.8W	4.1XMN	-0.3 0.08	10.0	113300.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-59.0	0.15	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0831020	19890311.0831022	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P A16	SZ PG AA0831 57.240C	L	-0.010	4.00	29.37 199.8S	XMN	0.0 0.00	0.0	498800.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-70.7	0.26	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0831023	19890311.0831023	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P A16	SZ SG AA0832 00.890	L	-0.040	4.00	29.37 199.8S	XMN	0.0 0.17	100.0	498800.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-70.7	0.26	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0831023	19890311.0832073	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P A16	SZ TracAY0832 01.890	L			29.37 199.8S	3.8XMN	-0.6 0.17	100.0	498800.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-71.0	0.26	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0831023	19890311.0832074	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P LMQ	SZ PG AB0831 58.600D	L	-0.126	1.00	38.96 241.0SW	XMN	0.0 0.00	0.0	0.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-75.2	0.35	GSC
GSC	19890311.0831024				19890311.0831024	19890311.0831024	19890311.0831009	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P LPQ	SZ PG AA0831 59.630C	L	0.183	4.00	43.26 193.7S	XMN	0.0 0.00	0.0	220500.000000	00.000	-0.06 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-76.6	0.39	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0831025	19890311.0831025	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P LPQ	SZ SG XC0832 05.120	L	0.385	0.00	43.26 193.7S	XMN	0.0 0.20	10.0	220500.000000	00.000	-0.06 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-76.6	0.39	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0831025	19890311.0832075	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P LPQ	SZ TracAY0832 06.120	L			43.26 193.7S	4.7XMN	0.3 0.20	10.0	220500.000000	00.000	-0.06 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-77.0	0.39	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0831025	19890311.0832076	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P A54	SZ PG AA0832 00.340D	L	-0.103	4.00	49.92 234.4SW	XMN	0.0 0.00	0.0	0.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-78.3	0.45	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0832077	19890311.0832077	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P A54	SZ SG AA0832 06.570	L	0.060	4.00	49.92 234.4SW	XMN	0.0 0.00	0.0	0.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-78.3	0.45	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0832077	19890311.0832078	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P A11	SZ PG AA0832 01.780D	L	0.011	4.00	58.36 204.8SW	XMN	0.0 0.00	0.0	162700.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-80.0	0.52	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0832079	19890311.0832079	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P A11	SZ SG AA0832 08.670	L	-0.142	4.00	58.36 204.8SW	XMN	0.0 0.22	100.0	162700.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-80.0	0.52	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0832079	19890311.0832080	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P A11	SZ TracAY0832 09.670	L			58.36 204.8SW	3.7 MN	-0.7 0.22	100.0	162700.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-80.0	0.52	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0832079	19890311.0832081	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P SLQ	SZ PG XA0832 02.800D	L	-0.061	0.00	65.18 94.9E	XMN	0.0 0.00	0.0	0.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-81.0	0.59	GSC
GSC	19890311.0832082				19890311.0832082	19890311.0832082	19890311.0831009	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P DAQ	SZ PG XA0832 08.860D	L	-0.650	0.00	106.05 285.4W	XMN	0.0 0.00	0.0	387700.000000	00.000	-0.10 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-84.4	0.95	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0832083	19890311.0832083	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P DAQ	SZ SG XA0832 22.230	L	0.048	0.00	106.05 285.4W	XMN	0.0 0.23	100.0	387700.000000	00.000	-0.10 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-84.4	0.95	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0832083	19890311.0832084	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P DAQ	SZ TracAY0832 23.230	L			106.05 285.4W	4.5 MN	0.1 0.23	100.0	387700.000000	00.000	-0.10 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-85.0	0.95	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0832083	19890311.0832085	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P EBN	SZ PG XA0832 12.990D	L	0.364	0.00	126.15 102.5E	XMN	0.0 0.00	0.0	104000.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-85.3	1.13	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0832086	19890311.0832086	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P EBN	SZ SG AX0832 27.580	L	-0.087	0.00	126.15 102.5E	XMN	0.0 0.17	100.0	104000.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-85.3	1.13	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0832086	19890311.0832087	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P EBN	SZ TracAY0832 28.580	L			126.15 102.5E	4.2 MN	-0.2 0.17	100.0	104000.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-85.0	1.13	GSC
GSC	19890311.083106.A.ECTN				tsf added Mar 04	19890311.0832086	19890311.0832088	19890311.0831009	19890311.0831009	19890311 00 19990601<>						
P JOQ	SZ PG XY0000 00.000D	L	0.000	0.00	127.61 307.2NW	X	0.0 0.00	0.0	0.000000	00.000	0.00 0.00 0.00	0.0 0.00 0.00	0.0 0.0	-85.4	1.15	
GSC	19890311.0000001				19890311.0000001	19890311.0000001	19890311.0831009	19890311.083								

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P LMN	SZ SN	XB0833	36.350	L	-2.027	0.00	439.33	116.3SE	XMN	0.0	0.00	0.0	19000.000000	00.000	-1.52	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.4	3.95	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0832110	19890311.0833061	19890311.0831009	19890311.00	19990601<>													
P LMN	SZ SG	XC0834	02.500	L	5.673	0.00	439.33	116.3SE	XMN	0.0	0.50	100.0	19000.000000	00.000	-1.52	0.00	0.00	0.0	0.00	0.00	0.0	0.0	-88.6	3.95	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0832110	19890311.0834022	19890311.0831009	19890311.00	19990601<>													
P LMN	SZ TracAY0834	03.500	L				439.33	116.3SE	3.9 MN	-0.5	0.50	100.0	19000.000000	00.000	-1.52	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.0	3.95	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0832110	19890311.0834023	19890311.0831009	19890311.00	19990601<>													
P GRQ	SZ PN	XB0832	54.650C	L	-1.519	0.00	470.58	257.0W	XMN	0.0	0.00	0.0	61900.000000	00.000	-0.09	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.1	4.23	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0832111	19890311.0832111	19890311.0831009	19890311.00	19990601<>													
P GRQ	SZ SN	AX0833	45.000	L	1.389	0.00	470.58	257.0W	XMN	0.0	0.00	0.0	61900.000000	00.000	-0.09	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.4	4.23	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0832111	19890311.0833062	19890311.0831009	19890311.00	19990601<>													
P GRQ	SZ SG	XC0834	02.140	L	-2.008	0.00	470.58	257.0W	XMN	0.0	0.33	100.0	61900.000000	00.000	-0.09	0.00	0.00	0.0	0.00	0.00	0.0	0.0	-88.7	4.23	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0832111	19890311.0834024	19890311.0831009	19890311.00	19990601<>													
P GRQ	SZ TracAY0834	03.140	L				470.58	257.0W	4.6 MN	0.2	0.33	100.0	61900.000000	00.000	-0.09	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.0	4.23	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0832111	19890311.0834025	19890311.0831009	19890311.00	19990601<>													
P WBO	SZ PN	XB0833	01.520	L	0.074	0.00	514.01	236.0SW	XMN	0.0	0.00	0.0	22800.000000	00.000	-0.05	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.1	4.62	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0833063	19890311.0833063	19890311.0831009	19890311.00	19990601<>													
P WBO	SZ SN	XB0833	54.670	L	1.823	0.00	514.01	236.0SW	XMN	0.0	0.00	0.0	22800.000000	00.000	-0.05	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.4	4.62	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0833063	19890311.0833064	19890311.0831009	19890311.00	19990601<>													
P WBO	SZ SG	XB0834	12.810	L	-3.458	0.00	514.01	236.0SW	XMN	0.0	0.27	100.0	22800.000000	00.000	-0.05	0.00	0.00	0.0	0.00	0.00	0.0	0.0	-88.8	4.62	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0833063	19890311.0834026	19890311.0831009	19890311.00	19990601<>													
P WBO	SZ TracAY0834	13.810	L				514.01	236.0SW	4.3 MN	-0.1	0.27	100.0	22800.000000	00.000	-0.05	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.0	4.62	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0833063	19890311.0834027	19890311.0831009	19890311.00	19990601<>													
P OTT	SZ PN	XC0833	11.470	L	9.608	0.00	517.33	242.2SW	XMN	0.0	0.00	0.0	52000.000000	00.000	-0.06	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.1	4.65	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0833065	19890311.0833065	19890311.0831009	19890311.00	19990601<>													
P OTT	SZ SG	XC0834	11.500	L	-5.708	0.00	517.33	242.2SW	XMN	0.0	0.40	100.0	52000.000000	00.000	-0.06	0.00	0.00	0.0	0.00	0.00	0.0	0.0	-88.8	4.65	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0833065	19890311.0834028	19890311.0831009	19890311.00	19990601<>													
P OTT	SZ TracAY0834	12.500	L				517.33	242.2SW	4.5 MN	0.1	0.40	100.0	52000.000000	00.000	-0.06	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.0	4.65	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0833065	19890311.0834029	19890311.0831009	19890311.00	19990601<>													
P HAL	SZ PN	XB0833	11.000	L	-0.140	0.00	593.88	122.9SE	XMN	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.1	5.34	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0833066	19890311.0833066	19890311.0831009	19890311.00	19990601<>													
P CKO	SZ PN	XB0833	10.680	L	-2.324	0.00	608.79	254.4W	XMN	0.0	0.00	0.0	26800.000000	00.000	-0.06	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.1	5.48	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0833067	19890311.0833067	19890311.0831009	19890311.00	19990601<>													
P CKO	SZ SN	XC0834	13.990	L	0.985	0.00	608.79	254.4W	XMN	0.0	0.00	0.0	26800.000000	00.000	-0.06	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.4	5.48	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0833067	19890311.0834030	19890311.0831009	19890311.00	19990601<>													
P CKO	SZ SG	XB0834	37.310	L	-5.514	0.00	608.79	254.4W	XMN	0.0	0.37	100.0	26800.000000	00.000	-0.06	0.00	0.00	0.0	0.00	0.00	0.0	0.0	-89.0	5.48	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0833067	19890311.0834031	19890311.0831009	19890311.00	19990601<>													
P CKO	SZ TracAY0834	38.310	L				608.79	254.4W	4.4 MN	0.0	0.37	100.0	26800.000000	00.000	-0.06	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.0	5.48	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0833067	19890311.0834032	19890311.0831009	19890311.00	19990601<>													
P GBN	SZ PN	XB0833	21.900	L	-1.048	0.00	690.69	108.8E	XMN	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.1	6.21	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0833068	19890311.0833068	19890311.0831009	19890311.00	19990601<>													
P EEO	SZ PN	XA0833	22.740C	L	-3.665	0.00	707.54	263.6W	XMN	0.0	0.00	0.0	38400.000000	00.000	-1.44	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.1	6.36	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0833069	19890311.0833069	19890311.0831009	19890311.00	19990601<>													
P EEO	SZ SN	XC0834	34.020	L	-1.338	0.00	707.54	263.6W	XMN	0.0	0.00	0.0	38400.000000	00.000	-1.44	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.4	6.36	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0833069	19890311.0834033	19890311.0831009	19890311.00	19990601<>													
P EEO	SZ SG	XC0835	08.940	L	-2.923	0.00	707.54	263.6W	XMN	0.0	0.37	100.0	38400.000000	00.000	-1.44	0.00	0.00	0.0	0.00	0.00	0.0	0.0	-89.2	6.36	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0833069	19890311.0835007	19890311.0831009	19890311.00	19990601<>													
P EEO	SZ TracAY0835	09.940	L				707.54	263.6W	4.6 MN	0.2	0.37	100.0	38400.000000	00.000	-1.44	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.0	6.36	GSC
GSC		19890311.083106.A.ECTN					tsf added Mar 04	19890311.0833069	19890311.0835008	19890311.0831009	19890311.00	19990601<>													
P JAQ	SZ PN	XB0833	33.570	L	-1.845	0.00	792.63	330.9NW	XMN	0.0	0.00														

selectM4+1920-2007.npf

GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0300030	19911208.0300016	19911208.0300004	19911208	19980320<>			
P A11	SZ PG A0300 41.07 C L	-0.140	4.00	64.84 203.0SW	XMN	0.0 0.00	0.0	97000.00	0.00			-70.3 0.58 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0300032	19911208.0300032	19911208.0300004	19911208	19980320<>			
P A11	SZ SG B0300 49.41 L	0.015	1.00	64.84 203.0SW	XMN	0.0 0.18	100.0	97000.00	0.00			-70.3 0.58 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0300032	19911208.0300033	19911208.0300004	19911208	19980320<>			
P A11	SZ Trac Y0300 50.41 L			64.84 203.0SW	3.6 MN	-0.7 0.18	100.0	97000.00	0.00			-70.0 0.58 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0300032	19911208.0300019	19911208.0300004	19911208	19980320<>			
P CIQ	SZ PG YY . D L			88.26 308.7NW	X	0.0 0.00	0.0	0.0	0.0			-75.3 0.79
					19911208.	001 19911208.	001 19911208.0300004	19911208	19980320<>			
P DAQ	SZ PG XA0300 46.82 D L	-0.792	0.00	105.22 281.8W	XMN	0.0 0.00	0.0	244900.00	-0.10			-77.6 0.95 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0300034	19911208.0300034	19911208.0300004	19911208	19980320<>			
P DAQ	SZ SG X0301 00.07 L	-0.370	0.00	105.22 281.8W	XMN	0.0 0.20	100.0	244900.00	-0.10			-77.6 0.95 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0300034	19911208.0301031	19911208.0300004	19911208	19980320<>			
P DAQ	SZ Trac Y0301 01.07 L			105.22 281.8W	4.3 MN	0.0 0.20	100.0	244900.00	-0.10			-77.0 0.95 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0300034	19911208.0301002	19911208.0300004	19911208	19980320<>			
P CNQ	SZ PG XA0301 01.04 L	-4.030	0.00	214.93 37.3NE	XMN	0.0 0.00	0.0	61500.00	-0.10			-83.8 1.93 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301032	19911208.0301032	19911208.0300004	19911208	19980320<>			
P CNQ	SZ PN XA0301 01.04 L	-0.500	0.00	214.93 37.3NE	XMN	0.0 0.00	0.0	61500.00	-0.10			49.1 1.93 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301032	19911208.0301033	19911208.0300004	19911208	19980320<>			
P CNQ	SZ SG X0301 27.40 L	-3.360	0.00	214.93 37.3NE	XMN	0.0 0.13	100.0	61500.00	-0.10			-83.8 1.93 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301032	19911208.0301034	19911208.0300004	19911208	19980320<>			
P CNQ	SZ Trac Y0301 28.40 L			214.93 37.3NE	4.4 MN	0.1 0.13	100.0	61500.00	-0.10			49.0 1.93 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301032	19911208.0301006	19911208.0300004	19911208	19980320<>			
P GSQ	SZ PN X0301 04.67 L	0.081	0.00	240.10 57.3NE	XMN	0.0 0.00	0.0	50300.00	-0.10			49.1 2.16 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301035	19911208.0301035	19911208.0300004	19911208	19980320<>			
P GSQ	SZ SG X0301 34.91 L	-2.868	0.00	240.10 57.3NE	XMN	0.0 0.20	100.0	50300.00	-0.10			-84.5 2.16 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301035	19911208.0301036	19911208.0300004	19911208	19980320<>			
P GSQ	SZ Trac Y0301 35.91 L			240.10 57.3NE	4.3 MN	0.0 0.20	100.0	50300.00	-0.10			49.0 2.16 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301035	19911208.0301009	19911208.0300004	19911208	19980320<>			
P DPQ	SZ PN XA0301 06.28 L	0.212	0.00	252.36 242.1SW	XMN	0.0 0.00	0.0	37700.00	-0.06			49.1 2.27 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301037	19911208.0301037	19911208.0300004	19911208	19980320<>			
P DPQ	SZ SG X0301 36.88 L	-4.270	0.00	252.36 242.1SW	XMN	0.0 0.17	100.0	37700.00	-0.06			-84.7 2.27 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301037	19911208.0301038	19911208.0300004	19911208	19980320<>			
P DPQ	SZ Trac Y0301 37.88 L			252.36 242.1SW	4.2 MN	-0.1 0.17	100.0	37700.00	-0.06			49.0 2.27 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301037	19911208.0301012	19911208.0300004	19911208	19980320<>			
P ICQ	SZ PN XA0301 07.98 L	-0.562	0.00	272.22 43.6NE	XMN	0.0 0.00	0.0	29700.00	-0.10			49.1 2.45 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301039	19911208.0301039	19911208.0300004	19911208	19980320<>			
P ICQ	SZ SG XA0301 42.32 L	-4.410	0.00	272.22 43.6NE	XMN	0.0 0.10	100.0	29700.00	-0.10			-85.1 2.45 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301039	19911208.0301040	19911208.0300004	19911208	19980320<>			
P ICQ	SZ Trac Y0301 43.32 L			272.22 43.6NE	4.4 MN	0.1 0.10	100.0	29700.00	-0.10			49.0 2.45 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301039	19911208.0301015	19911208.0300004	19911208	19980320<>			
P MNQ	SZ PN XA0301 13.37 L	-0.534	0.00	316.63 14.1N	XMN	0.0 0.00	0.0	21300.00	-0.10			49.1 2.85 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301041	19911208.0301041	19911208.0300004	19911208	19980320<>			
P MNQ	SZ Trac Y0301 14.37 L			316.63 14.1N	4.3 MN	0.0 0.13	100.0	21300.00	-0.10			49.0 2.85 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301041	19911208.0301017	19911208.0300004	19911208	19980320<>			
P MOQ	SZ PN XA0301 16.24 L	0.724	0.00	330.09 214.6SW	XMN	0.0 0.00	0.0	27700.00	-0.10			49.1 2.97 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301042	19911208.0301042	19911208.0300004	19911208	19980320<>			
P MOQ	SZ SG X0301 58.49 L	-4.417	0.00	330.09 214.6SW	XMN	0.0 0.27	100.0	27700.00	-0.10			-86.0 2.97 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301042	19911208.0301043	19911208.0300004	19911208	19980320<>			
P MOQ	SZ Trac Y0301 59.49 L			330.09 214.6SW	4.1 MN	-0.2 0.27	100.0	27700.00	-0.10			49.0 2.97 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301042	19911208.0301020	19911208.0300004	19911208	19980320<>			
P SMQ	SZ PN XA0301 18.22 L	-0.634	0.00	357.03 39.2NE	XMN	0.0 0.00	0.0	40200.00	-0.10			49.1 3.21 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301044	19911208.0301044	19911208.0300004	19911208	19980320<>			
P SMQ	SZ SG X0302 07.14 L	-3.285	0.00	357.03 39.2NE	XMN	0.0 0.27	100.0	40200.00	-0.10			-86.3 3.21 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301044	19911208.0302018	19911208.0300004	19911208	19980320<>			
P SMQ	SZ Trac Y0302 08.14 L			357.03 39.2NE	4.3 MN	0.0 0.27	100.0	40200.00	-0.10			49.0 3.21 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301044	19911208.0302002	19911208.0300004	19911208	19980320<>			
P MNT	SZ PN X0301 23.44 L	1.339	0.00	383.45 230.0SW	XMN	0.0 0.00	0.0	26600.00	-0.10			49.1 3.45 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301045	19911208.0301045	19911208.0300004	19911208	19980320<>			
P MNT	SZ SG X0302 16.15 L	-1.658	0.00	383.45 230.0SW	XMN	0.0 0.30	100.0	26600.00	-0.10			-86.5 3.45 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301045	19911208.0302019	19911208.0300004	19911208	19980320<>			
P MNT	SZ Trac Y0302 17.15 L			383.45 230.0SW	4.1 MN	-0.2 0.30	100.0	26600.00	-0.10			49.0 3.45 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301045	19911208.0302004	19911208.0300004	19911208	19980320<>			
P TRQ	SZ PN X0301 23.78 L	0.142	0.00	396.78 245.8SW	XMN	0.0 0.00	0.0	38100.00	-0.09			49.1 3.57 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301046	19911208.0301046	19911208.0300004	19911208	19980320<>			
P TRQ	SZ Trac Y0301 24.78 L			396.78 245.8SW	4.3 MN	0.0 0.30	100.0	38100.00	-0.09			49.0 3.57 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301046	19911208.0301024	19911208.0300004	19911208	19980320<>			
P LMN	SZ PN X0301 29.19 L	-1.084	0.00	441.67 117.2SE	XMN	0.0 0.00	0.0	29300.00	-1.20			49.1 3.97 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301047	19911208.0301047	19911208.0300004	19911208	19980320<>			
P LMN	SZ Trac Y0301 30.19 L			441.67 117.2SE	4.0 MN	-0.3 0.57	100.0	29300.00	-1.20			49.0 3.97 GSC
GSC	19911208.025942.A.ECTN			tsf added Mar 04	19911208.0301047	19911208.0301026	19911208.0300004	19911208	19980320<>			

I CHARLEVOIX FELT REPORTS FROM HILARION BERGERON.
I SONT PHASES READ BY UWO NOT GSC
I N.Y. STATE PHASES FROM F. REVETTA.
I SLTN ADDED BY MGC
I SWO BAD SIGNAL; ELO NO RESPONSE CURVE; CODE DISCREPANCY
I CIQ first motion read by Reynald Du Berger in Chicoutimi.
I SWX SZ Sn XB0056 42.60 L -0.570 0.00 867.00 266.0W 4.40 MN 0.00 0.00
I SWX SZ Sg XB0057 23.27 L -8.430 0.00 867.00 266.0W 4.40 MN 0.00 0.58
I SWX SZ Trac Y0057 24.27 L 0.000 0.00 867.00 266.0W 4.40 MN 0.00 0.58
I
I The Sg lines of some stations include the SH FM.
I The convention used is the Virginia Tech convention used in FOCMEC:
I <: SH first motion to left (back to event) impulsive
I >: SH first motion to right (back to event) impulsive
I Preliminary Focmec computed by ML.

2 19940925.0053007 19980320
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13 19940925.0053007 19980320
14 19940925.0053007 19980320
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16 19940925.0053007 19980320

Table with columns: Agency, Source, Tsf, Smdl, Comment, Groupid, Arrid, Solid, Arr_date, tm, Update, Delta. Contains station data for various locations like A64, A61, A21, A16, A54, A11, SLQ, CIQ, DAQ.

I CIQ FM from R. Du Berger.
I All starts with weak C, which is followed by an impulsive D.
I Ioseismals to come.
I : REV is F. Revetta, Potsdam, N.Y.
I ESDC SZ P XB1152 49.700 L
I ARCE SZ P XB1152 58.300 L
I LPAZ SZ P XB1154 51.300 L
I DBIC SZ P XB1155 21.000 L
I ZAL SZ P XB1156 9.800 L
I The Sg lines of some stations include the SH FM.
I The convention used is the Virginia Tech convention used in FOCMEC:
I <: SH first motion to left (back to event) impulsive
I >: SH first motion to right (back to event) impulsive
I Preliminary Focmec computed by ML.
I Note: most CLTN Sg FM are unclear.

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Table with columns: H Stn, Ch, Ph, UQHm, Ss, sss, Fm, TRes, Wt, Dst, km, Az, OcMag, UTP, M_res, Per, Mag, f, Amp, QA, hm, ss, sss, T_cor, TR_c, ST_c, Aut, Snr, Slow, L_a, tM, az, M_emer, D_qc, ph, Lc, Emer, Delta. The table contains multiple rows of station data with associated seismic parameters and values.

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P GAC	BHNSG	AX1146	30.450	L	97.381	0.00	479.37	244.9SW	X	0.0	0.00	0.0	0.000000	00.000	99.90	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	-88.6	4.31	GSC	
DAN		19971028.114300.A.CNSN											19971028.1145021	19971028.1146013	19971028.1144016	19971028	00	19981106<>								
P GAC	BHZSG	AX1146	30.575	L	97.506	0.00	479.37	244.9SW	X	0.0	0.00	0.0	0.000000	00.000	99.90	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-88.6	4.31	GSC	
DAN		19971028.114300.A.CNSN											19971028.1145021	19971028.1146014	19971028.1144016	19971028	00	19981106<>								
P GAC	EHZSG	AX1146	31.750	L	98.681	0.00	479.37	244.9SW	X	0.0	0.00	0.0	0.000000	00.000	99.90	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-88.6	4.31	GSC	
DAN		19971028.114300.A.CNSN											19971028.1145021	19971028.1146015	19971028.1144016	19971028	00	19981106<>								
P GAC	BHZTracXB1146	34.550	L				479.37	244.9SW	4.8 MN	0.1	0.35	128.3	113432.501146	33.650	99.90	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.0	4.31	GSC	
DAN		19971028.114300.A.CNSN											19971028.1145021	19971028.1146016	19971028.1144016	19971028	00	19981106<>								
P GAC	EHZTracXB1146	34.630	L				479.37	244.9SW	4.9 MN	0.2	0.26	191.1	161626.501146	34.920	99.90	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.0	4.31	GSC	
DAN		19971028.114300.A.CNSN											19971028.1145021	19971028.1146017	19971028.1144016	19971028	00	19981106<>								
P MSNY	SZ PG	XB1145	24.750	L	-11.968	0.00	483.87	233.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00REV	0.0	0.00	0.00	0.0	0.0	-88.7	4.35		
													19971028.1145056	19971028.1145056	19971028.1144016	19971028	00	19981106<>								
P MSNY	SZ SG	XB1146	30.490	L	-3.738	0.00	483.87	233.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00REV	0.0	0.00	0.00	0.0	0.0	-88.7	4.35		
													19971028.1145056	19971028.1146043	19971028.1144016	19971028	00	19981106<>								
P LOZ	SZ PG	XB1145	25.670	L	-12.947	0.00	495.64	228.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00REV	0.0	0.00	0.00	0.0	0.0	-88.7	4.46		
													19971028.1145057	19971028.1145057	19971028.1144016	19971028	00	19981106<>								
P LOZ	SZ SG	XB1146	30.890	L	-6.636	0.00	495.64	228.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00REV	0.0	0.00	0.00	0.0	0.0	-88.7	4.46		
													19971028.1145057	19971028.1146044	19971028.1144016	19971028	00	19981106<>								
P WBO	EHZPN	AX1145	27.650D	L	0.504	0.00	509.17	236.3SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	4.58	GSC	
DAN		19971028.114300.A.CNSN											19971028.1145023	19971028.1145023	19971028.1144016	19971028	00	19981106<>								
P WBO	EHZSN	AX1146	21.490	L	3.458	0.00	509.17	236.3SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	4.58	GSC	
DAN		19971028.114300.A.CNSN											19971028.1145023	19971028.1146018	19971028.1144016	19971028	00	19981106<>								
P WBO	EHZLG	AX1146	37.280	L	-4.032	0.00	509.17	236.3SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-88.7	4.58	GSC	
DAN		19971028.114300.A.CNSN											19971028.1145023	19971028.1146019	19971028.1144016	19971028	00	19981106<>								
P WBO	EHZTracXB1146	47.760	L				509.17	236.3SW	4.5 MN	-0.2	0.28	177.0	60159.001146	41.260	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.0	4.58	GSC	
DAN		19971028.114300.A.CNSN											19971028.1145023	19971028.1146020	19971028.1144016	19971028	00	19981106<>								
P OTT	EHZLG	AX1146	38.600	L	-3.743	0.00	512.85	242.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-88.7	4.61	GSC	
DAN		19971028.114300.A.CNSN											19971028.1146021	19971028.1146021	19971028.1144016	19971028	00	19981106<>								
P OTT	EHZTracXB1146	50.320	L				512.85	242.5SW	4.6 MN	-0.1	0.44	13.6	10403.001146	39.400	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.0	4.61	GSC	
DAN		19971028.114300.A.CNSN											19971028.1146021	19971028.1146022	19971028.1144016	19971028	00	19981106<>								
P PTN	SZ PG	XB1145	29.020	L	-13.924	0.00	522.47	230.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00REV	0.0	0.00	0.00	0.0	0.0	-88.8	4.70		
													19971028.1145058	19971028.1145058	19971028.1144016	19971028	00	19981106<>								
P PTN	SZ SG	XB1146	36.290	L	-8.750	0.00	522.47	230.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00REV	0.0	0.00	0.00	0.0	0.0	-88.8	4.70		
													19971028.1145058	19971028.1146045	19971028.1144016	19971028	00	19981106<>								
P FINE	SZ PG	XB1145	33.420	L	-15.031	0.00	556.62	229.0SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00REV	0.0	0.00	0.00	0.0	0.0	-88.8	5.01		
													19971028.1145059	19971028.1145059	19971028.1144016	19971028	00	19981106<>								
P FINE	SZ SG	XB1146	45.910	L	-8.694	0.00	556.62	229.0SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00REV	0.0	0.00	0.00	0.0	0.0	-88.8	5.01		
													19971028.1145059	19971028.1146046	19971028.1144016	19971028	00	19981106<>								
P FINE	SZ P	YB1153	29.600	L			556.62	229.0SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00IDC	0.0	0.00	0.00	0.0	0.0	-88.8	5.01		
													19971028.1145059	19971028.1153004	19971028.1144016	19971028	00	19981106<>								
P CRLO	EHZPN	AX1145	36.320	L	-1.703	0.00	598.42	255.1W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	5.38	GSC	
DAN		19971028.114300.A.CNSN											19971028.1145034	19971028.1145034	19971028.1144016	19971028	00	19981106<>								
P CRLO	EHZSN	AX1146	37.580	L	0.572	0.00	598.42	255.1W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	5.38	GSC	
DAN		19971028.114300.A.CNSN											19971028.1145034	19971028.1146023	19971028.1144016	19971028	00	19981106<>								
P CRLO	EHZLG	AX1147	04.640	L	-1.669	0.00	598.42	255.1W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-88.9	5.38	GSC	
DAN		19971028.114300.A.CNSN											19971028.1145034	19971028.1147013	19971028.1144016	19971028	00	19981106<>								
P CRLO	EHZTracXB1147	05.640	L				598.42	255.1W	4.6 MN	-0.1	0.36	136.0	65631.501147	06.300	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.0	5.38	GSC	
DAN		19971028.114300.A.CNSN											19971028.1145034	19971028.1147002	19971028.1144016	19971028	00	19981106<>								
P MTQ	Z PN	XB1145	38.864	L	-1.000	0.00	613.55	295.1NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGC	0.0	0.00	0.00	0.0	0.0	SP	49.1	5.52	OTT
DAN		19971028.113446.S.NONT											19971028.1145053	19971028.1145053	19971028.1144016	19971028	00	19981106<>								
P MTQ	Z SN	XX1146	41.744	L	1.524	0.00	613.55																			

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P DRLN	BHNLG	AX1148	44.325	L	104.081	0.00	933.45	74.5E	X	0.0	0.00	0.0	0.000000	00.000	99.90	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	-89.3	8.39	GSC	
DAN		19971028.114342.A.CNSN																									
P DRLN	BHZTracXB1149	04.800	L				933.45	74.5E	4.3 MN	-0.4	0.80	55.4	12027.001149	04.300	99.90	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	49.0	8.39	GSC	
DAN		19971028.114400.A.CNSN																									
P BRCO	Z PN	AX1146	22.687	L	-0.823	0.00	971.51	251.1W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	SP	49.1	8.74	GSC
DAN		19971028.114300.A.CNSN																									
P BRCO	N SN	AX1148	02.166	L	5.797	0.00	971.51	251.1W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	SP	49.4	8.74	GSC
DAN		19971028.114300.A.CNSN																									
P BRCO	N LG	AX1148	45.266	L	-5.538	0.00	971.51	251.1W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	SP	-89.3	8.74	GSC
DAN		19971028.114300.A.CNSN																									
P BRCO	Z	TracYB1148	57.237	L			971.51	251.1W	4.9 MN	0.2	0.62	0.9	668.001148	58.127	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	SP	0.0	8.74	GSC
DAN		19971028.114300.A.CNSN																									
P ELLO	Z PN	XB1146	17.591	L	-6.939	0.00	979.92	266.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	MGC	0.0	0.00	0.00	0.0	0.0	BB	49.1	8.81	OTT
DAN		19971028.113446.S.NONT																									
P ELLO	Z SN	XB1147	52.891	L	-5.258	0.00	979.92	266.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	MGC	0.0	0.00	0.00	0.0	0.0	BB	49.4	8.81	OTT
DAN		19971028.113446.S.NONT																									
P ELLO	Z SG	XC1148	45.511	L	-7.650	0.00	979.92	266.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	MGC	0.0	0.00	0.00	0.0	0.0	BB	-89.3	8.81	OTT
DAN		19971028.113446.S.NONT																									
P ELLO	Z	TracXB1148	51.661	L			979.92	266.3W	4.6 MN	-0.1	0.54	11.9	3483.001148	52.881	0.00	0.00	0.00	MGC	0.0	0.00	0.00	0.0	0.0	BB	49.0	8.81	OTT
DAN		19971028.113446.S.NONT																									
P GTO	PN	XB1146	58.5		-1.942	0.00	1274.42	286.7W	X	0.0	0.00	0.0	0.0	.				MGC	0.0						49.1	11.46	
P GTO	SN	XB1148	59.0		-1.803	0.00	1274.42	286.7W	X	0.0	0.00	0.0	0.0	.				MGC	0.0						49.4	11.46	
P GTO		TracYB1150	07.				1274.42	286.7W	4.2 MN	-0.5	0.40	235.0	14000.0	.				MGC	0.0							11.46	
P GTO	SG	XB1150	07.00		-8.648	0.00	1274.42	286.7W	X	0.0	0.00	0.0	0.0	.				MGC	0.0						-89.5	11.46	
P TBO	EHZPN	AX1147	21.040	L	-1.060	0.00	1452.11	281.5W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0		49.1	13.06	GSC
DAN		19971028.114342.A.CNSN																									
P TBO	EHZSN	AX1149	41.000	L	2.410	0.00	1452.11	281.5W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0		49.4	13.06	GSC
DAN		19971028.114400.A.CNSN																									
P TBO	EHZLG	AX1151	03.060	L	-2.362	0.00	1452.11	281.5W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0		-89.5	13.06	GSC
DAN		19971028.114342.A.CNSN																									
P TBO	EHZTracXB1151	19.070	L				1452.11	281.5W	4.8 MN	0.1	1.06	27.5	13094.001151	20.520	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0		49.0	13.06	GSC
DAN		19971028.114342.A.CNSN																									
P SOLO	PN	XB1147	44.		-1.453	0.00	1643.53	287.4W	X	0.0	0.00	0.0	0.0	.				MGC	0.0						49.1	14.78	
P SOLO	SN	XB1150	25.		5.667	0.00	1643.53	287.4W	X	0.0	0.00	0.0	0.0	.				MGC	0.0						49.4	14.78	
P SOLO	SG	XB1151	50.		-9.037	0.00	1643.53	287.4W	X	0.0	0.00	0.0	0.0	.				MGC	0.0						-89.6	14.78	
P SOLO		TracYB1151	50.				1643.53	287.4W	4.4 MN	-0.3	0.40	418.0	22500.0	.				MGC	0.0							14.78	
P TKL	SZ PN	XB1147	58.500	L	-1.152	0.00	1759.94	225.7SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	IDC	0.0	0.00	0.00	0.0	0.0		49.1	15.83	
P ULM	BHZPN	AX1148	14.075	L	-3.314	0.00	1914.80	288.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0		49.6	17.22	GSC
DAN		19971028.114401.S.CNSN																									
P ULM	BHESN	AX1151	16.825	L	-0.242	0.00	1914.80	288.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0		49.4	17.22	GSC
DAN		19971028.114401.S.CNSN																									
P ULM	BHELG	AX1153	04.575	L	-10.445	0.00	1914.80	288.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0		-89.7	17.22	GSC
DAN		19971028.114401.S.CNSN																									
P ULM	BHZTracXB1153	18.600	L				1914.80	288.3W	4.7 MN	0.0	1.15	27.3	7124.001153	06.525	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0		0.0	17.22	GSC
DAN		19971028.114401.S.CNSN																									
P IGL	EHZPN	AX1149	06.090	L	-11.610	0.00	2507.60	349.0N	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0		36.9	22.55	GSC
DAN		19971028.114400.A.CNSN																									
P IGL	EHZSN	AX1153	31.980	L	8.741	0.00	2507.60	349.0N	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0		49.4	22.55	GSC
DAN		19971028.114401.S.CNSN																									
P IGL	EHZLG	AX1155	48.620	L	-12.449	0.00	2507.60	349.0N	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0		-89.7	22.55	GSC
DAN		19971028.114401.S.CNSN																									
P IGL	EHZTracXB1156	05.580	L				2507.60	349.0N	4.2 MN	-0.5	0.38	128.4	2296.001156	09.470	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0		0.0	22.55	GSC
DAN		19971028.114401.S.CNSN																									
P EDM	BHELG	AX1158	33.525	L	86.518	0.00	3099.64	297.8NW	X	0.0	0.00	0.0	0.000000	00.000	99.90	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0		-89.8	27.88	GSC
DAN		19971028.114401.S.CNSN																									
P EDM	BHNLG	AX1158	41.675	L	94.668	0.00	3099.64	297.8NW	X	0.0	0.00	0.0	0.000000	00.000	99.90	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0		-89.8	27.88	GSC
DAN		19971028.114401.S.CNSN																									
P EDM	BHZTracXB1158	57.750	L				3099.64	297.8NW	3.4xMN	-																	

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P BCX	SZ	PN	AB0235	39.67	L	0.375	1.00	496.96	177.6S	X	0.0	0.00	0.0	0.0	WES	0.0	49.1	4.47									
P QUA2	SZ	PN	AB0235	40.77	D	L	0.126	1.00	508.17	188.7S	X	0.0	0.00	0.0	0.0	WES	0.0	49.1	4.57								
P SMQ	EHZPN	AB0235	42.090	L	0.467	1.00	516.35	40.8NE	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	4.64	GSC		
DAN																											
P SMQ	EHZSN	AX0236	35.870	L	3.587	0.00	516.35	40.8NE	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	4.64	GSC		
DAN																											
P SMQ	EHZLG	AX0236	59.750	L	1.507	0.00	516.35	40.8NE	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-87.5	4.64	GSC		
DAN																											
P SMQ	EHZTracXB0237	11.590C	L				516.35	40.8NE	5.0 MN	-0.1	0.22	226.7	187964.000237	11.490	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	49.0	4.64	GSC		
DAN																											
P LMN	BHZPN	AB0235	42.000D	L	-0.138	1.00	520.59	99.3E	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	4.68	GSC		
DAN																											
P LMN	BHNSN	AX0236	33.850	L	0.669	0.00	520.59	99.3E	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	4.68	GSC		
DAN																											
P LMN	BHNLG	AX0237	02.375	L	2.945	0.00	520.59	99.3E	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-87.5	4.68	GSC		
DAN																											
P LMN	BHZTracyB0237	10.650	L				520.59	99.3E	5.0 MN	-0.1	0.70	44.9	127538.500237	12.350	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	4.68	GSC		
DAN																											
P DXB	SZ	PN	AB0235	43.22	D	L	-0.121	1.00	530.15	173.5S	X	0.0	0.00	0.0	0.0	WES	0.0	49.1	4.77								
P BRY	SZ	PN	AB0235	46.14	D	L	1.272	1.00	542.99	181.0S	X	0.0	0.00	0.0	0.0	WES	0.0	49.1	4.88								
P MTQ	Z	PN	AB0235	46.894	L	-0.743	1.00	565.54	307.8NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGC	0.0	0.00	0.00	0.0	0.0	49.1	5.09	OTT	
DAN																											
P MTQ	Z	SG	XB0237	13.544	L	1.538	0.00	565.54	307.8NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGC	0.0	0.00	0.00	0.0	0.0	-87.7	5.09	TT	
DAN																											
P MTQ	Z	TracyB0237	16.104	L			565.54	307.8NW	5.2 MN	0.1	0.30	19.5	32979.000237	14.784	0.00	0.00	0.00MGC	0.0						5.09			
P EEO	EHZPN	AB0235	49.750C	L	-0.267	1.00	585.23	271.0W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	5.26	GSC		
DAN																											
P EEO	EHZSN	AX0236	49.620	L	2.693	0.00	585.23	271.0W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	5.26	GSC		
DAN																											
P EEO	EHZLG	AX0237	15.370	L	-2.149	0.00	585.23	271.0W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-87.8	5.26	GSC		
DAN																											
P EEO	EHZTracXB0237	20.390	L				585.23	271.0W	5.4 MN	0.3	0.28	177.0	382348.000237	21.640	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	5.26	GSC		
DAN																											
P SADO	BHZPN	AB0235	56.575C	L	-0.294	1.00	641.28	252.2W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	5.77	GSC		
DAN																											
P SADO	SZ	PN	XB0235	56.600	L	-0.269	0.00	641.28	252.2W	X	0.0	0.00	0.0	0.0	IDC	0.0	49.1	5.77									
P SADO	SZ	SN	XB0237	1.800	L	2.919	0.00	641.28	252.2W	X	0.0	0.00	0.0	0.0	IDC	0.0	49.4	5.77									
P SADO	BHESN	AX0237	00.575	L	1.694	0.00	641.28	252.2W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	5.77	GSC		
DAN																											
P SADO	BHELG	AX0237	28.750	L	-4.458	0.00	641.28	252.2W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-88.0	5.77	GSC		
DAN																											
P SADO	SZ	LG	XB0237	29.200	L	-4.008	0.00	641.28	252.2W	X	0.0	0.00	0.0	0.0	IDC	0.0	-88.0	5.77									
P SADO	BHZTracXB0237	32.975	L				641.28	252.2W	5.1 MN	0.0	0.35	89.8	102550.500237	39.350	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	5.77	GSC		
DAN																											
P KLO	SHZPN	AB0235	58.390	L	-1.295	1.00	664.47	286.7W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGC	0.0	0.00	0.00	0.0	0.0	49.1	5.98	OTT		
DAN																											
P KLO	SHZSN	XB0237	02.910	L	-0.885	0.00	664.47	286.7W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGC	0.0	0.00	0.00	0.0	0.0	49.4	5.98	OTT		
DAN																											
P KLO	SHZSG	XB0237	37.340	L	-2.360	0.00	664.47	286.7W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGC	0.0	0.00	0.00	0.0	0.0	49.4	5.98	OTT		
DAN																											
P KLO	SHZTracyB0237	42.640	L				664.47	286.7W	5.1 MN	0.0	0.36	16.6	20985.000237	39.040	0.00	0.00	0.00MGC	0.0	0.00	0.00	0.0	0.0	49.0	5.98	OTT		
DAN																											
P EFO	EHZPN	AX0236	10.400	L	0.695	0.00	746.47	239.3SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	6.71	GSC		
DAN																											
P EFO	EHZSN	AX0237	21.430	L	0.154	0.00	746.47	239.3SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	6.71	GSC		
DAN																											
P EFO	EHZLG	AX0237	59.280	L	-3.377	0.00	746.47	239.3SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-88.3	6.71	GSC		
DAN																											
P EFO	EHZTracyB0238	08.970	L				746.47	239.3SW	5.0 MN	-0.1	0.32	154.2	101781.500238	05.050	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	6.71	GSC		
DAN																											
P SWXO	Z	PN	XX0235	31.414	L	-39.190	0.00	753.99	271.9W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGC	0.0	0.00	0.00	0.0	0.0	G1	49.1	6.78	OTT
DAN																											
P SWXO	N	SN	XX0236	45.806	L	-37.039	0.00	753.99	271.9W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGC	0.0	0.00	0.00	0.0	0.0	G1	49.4	6.78	OTT

selectM4+1920-2007.npf																									
P ULM	BHNLG	AX0242	57.975	L	-10.629	0.00	1838.91	291.0W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-89.3	16.54	GSC
DAN		19971106.023400.A.CNSN							19971106.0238006	19971106.0242001	19971106.0234012	19971106	00	19981119<>											
P ULM	SZ LG	XB0243	4.900	L	-3.704	0.00	1838.91	291.0W	X	0.0	0.00	0.0	0.0	.											
									19971106.0238006	19971106.0243005	19971106.0234012	19971106		19981119<>											
P ULM	BHZTracyB0243	14.800		L			1838.91	291.0W	5.1 MN	0.0	1.15	27.3	21174.000243	22.550	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	0.0	
DAN		19971106.023400.A.CNSN							19971106.0238006	19971106.0243001	19971106.0234012	19971106	00	19981119<>											
P FCC	BHZPN	AX0238	48.425	L	106.702	0.00	2011.49	319.7NW	X	0.0	0.00	0.0	0.000000	00.000	99.90	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	47.4	18.09	GSC
DAN		19971106.023400.A.CNSN							19971106.0238007	19971106.0238007	19971106.0234012	19971106	00	19981119<>											
P FCC	BHNSN	AX0241	58.700	L	108.148	0.00	2011.49	319.7NW	X	0.0	0.00	0.0	0.000000	00.000	99.90	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	18.09	GSC
DAN		19971106.023400.A.CNSN							19971106.0238007	19971106.0241002	19971106.0234012	19971106	00	19981119<>											
P FCC	BHNLG	AX0243	59.425	L	102.383	0.00	2011.49	319.7NW	X	0.0	0.00	0.0	0.000000	00.000	99.90	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-89.3	18.09	GSC
DAN		19971106.023400.A.CNSN							19971106.0238007	19971106.0243002	19971106.0234012	19971106	00	19981119<>											
P FCC	BHZTracyB0244	15.225		L			2011.49	319.7NW	5.1 MN	0.0	1.10	28.5	15156.000244	14.800	99.90	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	18.09	GSC
DAN		19971106.023400.A.CNSN							19971106.0238007	19971106.0244001	19971106.0234012	19971106	00	19981119<>											
P IGL	EHZPN	AX0239	38.440	L	0.689	0.00	2582.67	350.7N	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	36.9	23.23	GSC
DAN		19971106.023400.A.CNSN							19971106.0239005	19971106.0239005	19971106.0234012	19971106	00	19981119<>											
P IGL	EHZSN	AX0243	45.920	L	-6.061	0.00	2582.67	350.7N	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	23.23	GSC
DAN		19971106.023400.A.CNSN							19971106.0239005	19971106.0243003	19971106.0234012	19971106	00	19981119<>											
P IGL	EHZLG	AX0246	29.990	L	-6.939	0.00	2582.67	350.7N	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-89.5	23.23	GSC
DAN		19971106.023400.A.CNSN							19971106.0239005	19971106.0246001	19971106.0234012	19971106	00	19981119<>											
P IGL	EHZTracyB0246	41.980		L			2582.67	350.7N	5.0 MN	-0.1	0.62	72.0	12001.500246	35.830	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	23.23	GSC
DAN		19971106.023400.A.CNSN							19971106.0239005	19971106.0246002	19971106.0234012	19971106	00	19981119<>											
P PDAR	SZ P	YB0240	15.700	L			3022.64	275.5W	X	0.0	0.00	0.0	0.0	.											
									19971106.0240004	19971106.0240004	19971106.0234012	19971106		19981119<>											
P PDAR	SZ S	YB0245	4.000	L			3022.64	275.5W	X	0.0	0.00	0.0	0.0	.											
									19971106.0240004	19971106.0245001	19971106.0234012	19971106		19981119<>											
P PDAR	SZ LG	XB0248	45.600	L	5.430	0.00	3022.64	275.5W	X	0.0	0.00	0.0	0.0	.											
									19971106.0240004	19971106.0248001	19971106.0234012	19971106		19981119<>											
P EDM	SZ P	YY	.	+ L			3044.63	299.1NW	X	0.0	0.00	0.0	0.0	.											
									19971106.	003	19971106.	003	19971106.0234012	19971106											
P WALA	SZ P	YY	.	C L			3145.62	290.4W	X	0.0	0.00	0.0	0.0	.											
									19971106.	004	19971106.	004	19971106.0234012	19971106											
P ALQ	SZ P	YB0240	31.800	L			3200.59	258.4W	X	0.0	0.00	0.0	0.0	.											
									19971106.0240005	19971106.0240005	19971106.0234012	19971106		19981119<>											
P YKA	SZ P	YB0240	30.200	L			3203.96	318.8NW	X	0.0	0.00	0.0	0.0	.											
									19971106.0240006	19971106.0240006	19971106.0234012	19971106		19981119<>											
P YKA	SZ S	YB0245	43.300	L			3203.96	318.8NW	X	0.0	0.00	0.0	0.0	.											
									19971106.0240006	19971106.0245002	19971106.0234012	19971106		19981119<>											
P YKA	SZ LG	XB0249	28.000	L	-2.956	0.00	3203.96	318.8NW	X	0.0	0.00	0.0	0.0	.											
									19971106.0240006	19971106.0249001	19971106.0234012	19971106		19981119<>											
P RES	SZ P	YY	.	+ L			3310.57	347.7N	X	0.0	0.00	0.0	0.0	.											
									19971106.	005	19971106.	005	19971106.0234012	19971106											
P TXAR	SZ P	YB0240	45.800	L			3392.64	246.6SW	X	0.0	0.00	0.0	0.0	.											
									19971106.0240007	19971106.0240007	19971106.0234012	19971106		19981119<>											
P MNV	SZ P	YB0241	24.600	L			3886.23	273.4W	X	0.0	0.00	0.0	0.0	.											
									19971106.0241032	19971106.0241032	19971106.0234012	19971106		19981119<>											
P DLBC	SZ P	YB0241	37.000	L			4032.60	310.6NW	X	0.0	0.00	0.0	0.0	.											
									19971106.0241033	19971106.0241033	19971106.0234012	19971106		19981119<>											
P INK	SZ P	YB0241	44.300C	L			4161.80	327.3NW	X	0.0	0.00	0.0	0.0	.											
									19971106.0241034	19971106.0241034	19971106.0234012	19971106		19981119<>											
P INK	SZ P	YB0244	2.200	L			4161.80	327.3NW	X	0.0	0.00	0.0	0.0	.											
									19971106.0241034	19971106.0244014	19971106.0234012	19971106		19981119<>											
P HYT	SZ P	YY	.	+ L			4408.94	315.4NW	X	0.0	0.00	0.0	0.0	.											
									19971106.	006	19971106.	006	19971106.0234012	19971106											
P DAWY	SZ P	YY	.	C L			4448.47	320.6NW	X	0.0	0.00	0.0	0.0	.											
									19971106.	007	19971106.	007	19971106.0234012	19971106											
P ILAR	SZ P	YB0242	32.200	L			4789.72	322.6NW	X	0.0	0.00	0.0	0.0	.											
									19971106.0242003	19971106.0242003	19971106.0234012	19971106		19981119<>											
P ILAR	SZ P	YB0244	21.000	L			4789.72	322.6NW	X	0.0	0.00	0.0	0.0	.											
									19971106.0242003	19971106.0244015	19971106.0234012	19971106		19981119<>											
P NRI	SZ P	YB0245	1.700	L			7061.73	8.1N	X	0.0	0.00	0.0	0.0	.											
									19971106.0245003	19971106.0245003	19971106.0234012	19971106		19981119<>											
P BDFB	SZ P	YB0245	16.500	L			7297.25	155.2SE	X	0.0	0.00	0.0	0.0	.											
									19971106.0245004	19971106.0245004	19971106.0234012	19971106		19981119<>											
P PDY	SZ P	YB0246	6.900	L			8214.27	357.8N	X	0.0	0.00	0.0	0.0	.											
									19971106.0246003	19971106.0246003	19														

selectM4+1920-2007.npf

P DRLN	BHNSN	AX0946	11.875	L	1.360	0.00	682.26	87.2E	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	6.14	GSC
DAN	19981022.094300.A.CNSN								19981022.0945021	19981022.0946014	19981022.0943008	19981022	00	20001212<>											
P DRLN	BHNLG	AX0946	45.300	L	-1.435	0.00	682.26	87.2E	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-88.5	6.14	GSC
DAN	19981022.094300.A.CNSN								19981022.0945021	19981022.0946015	19981022.0943008	19981022	00	20001212<>											
P DRLN	BHZTracXB0946	53.250		L			682.26	87.2E	4.0 MN	-0.1	0.25	180.9	10241.000946	56.875	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	6.14	GSC
DAN	19981022.094300.A.CNSN								19981022.0945021	19981022.0946016	19981022.0943008	19981022	00	20001212<>											
P LG4Q	EHZPN	AB0945	05.800	L	0.190	1.00	691.82	316.3NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	6.22	GSC
DAN	19981022.094300.A.CNSN								19981022.0945015	19981022.0945015	19981022.0943008	19981022	00	20001212<>											
P LG4Q	EHZSN	AX0946	12.410	L	-0.153	0.00	691.82	316.3NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	6.22	GSC
DAN	19981022.094300.A.CNSN								19981022.0945015	19981022.0946008	19981022.0943008	19981022	00	20001212<>											
P LG4Q	EHZLG	AX0946	46.360	L	-3.054	0.00	691.82	316.3NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-88.5	6.22	GSC
DAN	19981022.094300.A.CNSN								19981022.0945015	19981022.0946009	19981022.0943008	19981022	00	20001212<>											
P LG4Q	EHZTracXB0946	53.620		L			691.82	316.3NW	4.1 MN	0.0	0.36	136.0	13775.500946	56.020	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	6.22	GSC
DAN	19981022.094300.A.CNSN								19981022.0945015	19981022.0946010	19981022.0943008	19981022	00	20001212<>											
P GRQ	EHZPN	AB0945	09.430	L	-1.551	1.00	735.97	249.0W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	6.62	GSC
DAN	19981022.094300.A.CNSN								19981022.0945016	19981022.0945016	19981022.0943008	19981022	00	20001212<>											
P GRQ	EHZSN	AX0946	21.430	L	-0.504	0.00	735.97	249.0W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	6.62	GSC
DAN	19981022.094300.A.CNSN								19981022.0945016	19981022.0946011	19981022.0943008	19981022	00	20001212<>											
P GRQ	EHZLG	AX0947	00.100	L	-1.677	0.00	735.97	249.0W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-88.6	6.62	GSC
DAN	19981022.094300.A.CNSN								19981022.0945016	19981022.0947003	19981022.0943008	19981022	00	20001212<>											
P GRQ	EHZTracXB0947	08.140		L			735.97	249.0W	3.9 MN	-0.2	0.32	154.2	9509.500947	09.590	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	6.62	GSC
DAN	19981022.094300.A.CNSN								19981022.0945016	19981022.0947004	19981022.0943008	19981022	00	20001212<>											
P OTT	EHZSN	AX0946	38.410	L	3.154	0.00	798.40	240.0SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	7.18	GSC
DAN	19981022.094300.A.CNSN								19981022.0946012	19981022.0946012	19981022.0943008	19981022	00	20001212<>											
P OTT	EHZTracXB0947	25.790		L			798.40	240.0SW	4.0 MN	-0.1	0.28	22.1	1159.000947	23.690	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	7.18	GSC
DAN	19981022.094300.A.CNSN								19981022.0946012	19981022.0947005	19981022.0943008	19981022	00	20001212<>											
P CRLO	EHZPN	AB0945	24.850	L	-2.382	1.00	869.12	249.0W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	7.82	GSC
DAN	19981022.094300.A.CNSN								19981022.0945017	19981022.0945017	19981022.0943008	19981022	00	20001212<>											
P CRLO	EHZSN	AX0946	49.840	L	-0.446	0.00	869.12	249.0W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	7.82	GSC
DAN	19981022.094300.A.CNSN								19981022.0945017	19981022.0946013	19981022.0943008	19981022	00	20001212<>											
P CRLO	EHZTracXB0947	45.940		L			869.12	249.0W	3.9 MN	-0.2	0.28	177.0	5960.500947	47.930	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	7.82	GSC
DAN	19981022.094300.A.CNSN								19981022.0945017	19981022.0947006	19981022.0943008	19981022	00	20001212<>											
P EEO	EHZPN	AB0945	36.110	L	-1.889	1.00	957.61	256.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	8.61	GSC
DAN	19981022.094300.A.CNSN								19981022.0945018	19981022.0945018	19981022.0943008	19981022	00	20001212<>											
P EEO	EHZSN	AX0947	04.170	L	-4.902	0.00	957.61	256.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	8.61	GSC
DAN	19981022.094300.A.CNSN								19981022.0945018	19981022.0947007	19981022.0943008	19981022	00	20001212<>											
P EEO	EHZTracXB0948	12.760		L			957.61	256.3W	4.1 MN	0.0	0.42	115.0	7725.000948	07.060	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	8.61	GSC
DAN	19981022.094300.A.CNSN								19981022.0945018	19981022.0948001	19981022.0943008	19981022	00	20001212<>											
P SADO	BHZPN	AX0945	42.475	L	-8.028	0.00	1060.01	246.0SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	9.53	GSC
DAN	19981022.094300.A.CNSN								19981022.0945019	19981022.0945019	19981022.0943008	19981022	00	20001212<>											
P SADO	BHNSN	AX0947	30.050	L	-0.837	0.00	1060.01	246.0SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	9.53	GSC
DAN	19981022.094300.A.CNSN								19981022.0945019	19981022.0947008	19981022.0943008	19981022	00	20001212<>											
P SADO	BHNLG	AX0948	26.050	L	-6.474	0.00	1060.01	246.0SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-89.0	9.53	GSC
DAN	19981022.094300.A.CNSN								19981022.0945019	19981022.0948002	19981022.0943008	19981022	00	20001212<>											
P SADO	BHZTracXB0948	42.025		L			1060.01	246.0SW	3.9 MN	-0.2	0.95	33.1	3050.000948	34.525	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	9.53	GSC
DAN	19981022.094300.A.CNSN								19981022.0945019	19981022.0948003	19981022.0943008	19981022	00	20001212<>											
P STJN	PN	AX0945	51.	L	0.198	0.00	1062.39	95.3E	X	0.0	0.00	0.0	0.0	.										49.1	9.55
DAN	19981022.0945024	19981022.0945024							19981022.0945024	19981022.0945024	19981022.0943008	19981022		20001212<>											
P STJN	SN	AX0947	31.5	L	0.092	0.00	1062.39	95.3E	X	0.0	0.00	0.0	0.0	.										49.4	9.55
DAN	19981022.0945024	19981022.0947010							19981022.0945024	19981022.0947010	19981022.0943008	19981022		20001212<>											
P KAPO	BHZPN	AB0945	57.275	L	-2.166	1.00	1133.27	276.5W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	10.19	GSC
DAN	19981022.094300.A.CNSN								19981022.0945020	19981022.0945020	19981022.0943008	19981022	00	20001212<>											
P KAPO	BHNSN	AX0947	45.900	L	-0.580	0.00	1133.27	276.5W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	10.19	GSC
DAN	19981022.094300.A.CNSN								19981022.0945020	19981022.0947009	19981022.0943008	19981022	00	20001212<>											
P KAPO	BHZTracXB0948	54.675		L			1133.27	276.5W	3.9 MN	-0.2	0.40	78.5	2651.500949	09.675	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	10.19	GSC
DAN	19981022.094300.A.CNSN								19981022.0945020	19981022.0948004	19981022.0943008	19981022	00	20001212<>											
P GTO	PN	XX0946	38.	L	-0.151	0.																			

C 65 km S from SEPT-ILES, QUE. Felt.
C LOWER ST. LAWRENCE SEISMIC ZONE, QUE.
C Felt on North Shore: Baie-Comeau, Port-Cartier, Sept-Iles, Baie-Trinite,
C Riviere-au-Tonnerre.
C Felt on South Shore: Pointe-au-Père, Cap-Chat, Ste-Anne-des-Monts, Matane,
C St-René, Murdochville, Gaspé, Causapscal, Gros Morne.
C In Gros Morne glass fell (V), and doors on rails vibrated.
C Also felt in La Martre, and by several people near Bathurst, N.B.
C Not felt on Anticosti Island.
C Felt by someone in Quebec, QUE.
F 65 km S de SEPT-ILES, QUE. Ressenti.
F ZONE SEISMIQUE DU BAS-SAINT-LAURENT, QUE.
F Ressenti sur la Cote Nord: Baie-Comeau, Port-Cartier, Sept-Iles, Baie-Trinite,
F Riviere-au-Tonnerre.
F Ressenti sur la rive Sud: Pointe-au-Père, Cap-Chat, Ste-Anne-des-Monts, Matane,
F St-René, Murdochville, Gaspé, Causapscal, Gros Morne.
F Gros Morne: verre tombé (V), portes sur rail vibrait.
F Pas ressenti sur l'Ile Anticosti.
F Aussi, ressenti a La Martre, et par quelques personnes a Bathurst, N.B.
F Ressenti par quelqu'un a Quebec, QUE.
I NEIC had poor location but magnitude of 4.7 mb
I Many aftershocks (~30) in the following few hours.
I CIQ fm from R. Du Berger.
I EKA SZ P XB1258 2.900 L
I NVAR SZ P XB1258 8.200 L
I NOA SZ P XB1258 44.700 L
I NOA SZ LR XB1314 21.200 L
I ESDC SZ LR XB1314 0.600 L
I ARCE SZ P XB1259 4.100 L
I GERE SZ P XB1259 40.700 L
I NRIS SZ P XB1301 0.000 L
I BRAR SZ P XB1301 35.000 L
I BRAR SZ LR XB1331 39.000 L
I ZAL SZ P XB1302 22.700 L
I ZAL SZ LR XB1340 26.800 L
I HIA SZ P XB1303 4.600 L
I HIA SZ LR XB1341 44.800 L
I KSAR SZ LR XB1346 51.300 L
I SONT read by Janet on sunos.
I Bob Wetmiller read some mb's but says they were poorly defined.
I STJN response uncertain.
I GBN too noisy, could not make reading (stormy?)
I HAL records not available yet.
H Stn--Ch-Ph--UQHhmm Ss.sssFm-Tres-----Wt---Dst_km--Az----Ocmag--UTp--M_resPer--Mag_f--Amp-----QA_hm ss.ssst_cor--TR_c-ST_c-AutSnr-Slow-L_a/tM_az--M_emerD_qC_ph----LcEmer-- Delta-

Agency	Source	Tsf	Smdl	Comment	Groupid	Arrid	Solid	Arr_date	tm	Update																
P ICQ	EHZPG	AA1250	59.940D	L	0.014	4.00	69.58	261.8W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.0	-75.5	0.63	GSC	
DAN	19990316.124930.A.CNSN									19990316.1250007	19990316.1250007	19990316.1250012	19990316	00	20001031	<>										
P ICQ	EHZSG	AB1251	09.200	L	0.732	1.00	69.58	261.8W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.0	-75.5	0.63	GSC	
DAN	19990316.124930.A.CNSN									19990316.1250007	19990316.1251001	19990316.1250012	19990316	00	20001031	<>										
P ICQ	EHZTracXB1251	11.290	L				69.58	261.8W		4.7 MN	-0.4	0.10	501.8	2874060.501251	11.270	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.0	0.0	0.63	GSC
DAN	19990316.124930.A.CNSN									19990316.1250007	19990316.1251002	19990316.1250012	19990316	00	20001031	<>										
P SMQ	EHZPG	AA1251	00.320D	L	-0.155	4.00	73.02	338.1N	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.0	-76.1	0.66	GSC	
DAN	19990316.124930.A.CNSN									19990316.1251026	19990316.1251026	19990316.1250012	19990316	00	20001031	<>										
P SMQ	EHZSG	AB1251	09.730	L	0.309	1.00	73.02	338.1N	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.0	-76.1	0.66	GSC	
DAN	19990316.124930.A.CNSN									19990316.1251026	19990316.1251004	19990316.1250012	19990316	00	20001031	<>										
P SMQ	EHZTracXB1251	11.780	L				73.02	338.1N		4.9 MN	-0.2	0.06	836.7	4053780.001251	11.770	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.0	0.0	0.66	GSC
DAN	19990316.124930.A.CNSN									19990316.1251026	19990316.1251005	19990316.1250012	19990316	00	20001031	<>										
P GSQ	EHZPG	AA1251	04.460D	L	0.230	4.00	96.85	216.7SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.0	-79.5	0.87	GSC	
DAN	19990316.124930.A.CNSN									19990316.1251006	19990316.1251006	19990316.1250012	19990316	00	20001031	<>										
P GSQ	EHZSG	AB1251	16.500	L	0.556	1.00	96.85	216.7SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.0	-79.5	0.87	GSC	
DAN	19990316.124930.A.CNSN									19990316.1251006	19990316.1251024	19990316.1250012	19990316	00	20001031	<>										
P GSQ	EHZTracXB1251	17.040	L				96.85	216.7SW		5.1 MN	-0.0	0.22	226.7	3724677.001251	16.960	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.0	0.0	0.87	GSC
DAN	19990316.124930.A.CNSN									19990316.1251006	19990316.1251008	19990316.1250012	19990316	00	20001031	<>										
P CNQ	EHZPG	AA1251	09.300D	L	-0.499	4.00	131.85	255.4W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.0	-82.2	1.19	GSC	
DAN	19990316.124930.A.CNSN									19990316.1251027	19990316.1251027	19990316.1250012	19990316	00	20001031	<>										
P CNQ	EHZSG	AB1251	25.680	L	0.065	1.00	131.85	255.4W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.0	-82.2	1.19	GSC	
DAN	19990316.124930.A.CNSN									19990316.1251027	19990316.1251010	19990316.1250012	19990316	00	20001031	<>										
P CNQ	EHZTracXB1251	25.840	L				131.85	255.4W		5.5 MN	0.4	0.20	249.8	6167808.001251	25.790	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.0	0.0	1.19	GSC
DAN	19990316.124930.A.CNSN									19990316.1251027	19990316.1251011	19990316.1250012	19990316	00	20001031	<>										
P MNQ	EHZPN	AA1251	19.210D	L	0.441	4.00	203.34	301.1NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.0	49.1	1.83	GSC	
DAN	19990316.124930.A.CNSN									19990316.1251028	19990316.1251028	19990316.1250012	19990316	00	20001031	<>										

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P MNQ	EHZSG	AB1251	44.720	L	-0.805	1.00	203.34	301.1NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	-84.9	1.83	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251028	19990316.1251013	19990316.1250012	19990316.00	20001031<>												
P MNQ	EHZTracXB1251	45.250	L				203.34	301.1NW	5.3 MN	0.2	0.26	191.1	1896900.001251	45.160	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	0.0	0.0	1.83	GSC
DAN		19990316.124930.A.CNSN								19990316.1251028	19990316.1251014	19990316.1250012	19990316.00	20001031<>												
P A21	EHZPN	AB1251	34.280C	L	0.390	1.00	326.88	230.7SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	49.1	2.94	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251015	19990316.1251015	19990316.1250012	19990316.00	20001031<>												
P A21	EHNSN	AX1252	08.070	L	0.359	0.00	326.88	230.7SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	49.4	2.94	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251015	19990316.1252006	19990316.1250012	19990316.00	20001031<>												
P A21	EHZTracXB1252	17.390	L				326.88	230.7SW	5.3 MN	0.2	0.40	15.2	103166.001252	17.340	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	0.0	0.0	2.94	GSC
DAN		19990316.124930.A.CNSN								19990316.1251015	19990316.1252001	19990316.1250012	19990316.00	20001031<>												
P A21	EHNSG	AX1252	17.510	L	-2.524	0.00	326.88	230.7SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	-86.8	2.94	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251015	19990316.1252007	19990316.1250012	19990316.00	20001031<>												
P A64	EHZPN	AB1251	34.290D	L	0.067	1.00	329.69	234.2SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	49.1	2.97	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251029	19990316.1251029	19990316.1250012	19990316.00	20001031<>												
P A64	EHNSN	AX1252	08.220	L	-0.071	0.00	329.69	234.2SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	49.4	2.97	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251029	19990316.1252008	19990316.1250012	19990316.00	20001031<>												
P A64	EHNSG	AX1252	16.240	L	-4.581	0.00	329.69	234.2SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	-86.9	2.97	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251029	19990316.1252009	19990316.1250012	19990316.00	20001031<>												
P A64	EHZTracXB1252	17.620	L				329.69	234.2SW	5.1XMN	-0.0	0.24	13.0	29225.031252	17.530	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	0.0	0.0	2.97	GSC
DAN		19990316.124930.A.CNSN								19990316.1251029	19990316.1252002	19990316.1250012	19990316.00	20001031<>												
P A61	EHZPN	AB1251	36.680C	L	-0.064	1.00	350.55	233.8SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	49.1	3.15	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251030	19990316.1251030	19990316.1250012	19990316.00	20001031<>												
P A61	EHNSN	AX1252	13.320	L	0.630	0.00	350.55	233.8SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	49.4	3.15	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251030	19990316.1252010	19990316.1250012	19990316.00	20001031<>												
P A61	EHNLG	AX1252	25.400	L	-1.260	0.00	350.55	233.8SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	-87.1	3.15	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251030	19990316.1252011	19990316.1250012	19990316.00	20001031<>												
P A61	EHZTracXB1252	32.780	L				350.55	233.8SW	4.8XMN	-0.3	0.26	23.9	28200.531252	32.690	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	0.0	0.0	3.15	GSC
DAN		19990316.124930.A.CNSN								19990316.1251030	19990316.1252003	19990316.1250012	19990316.00	20001031<>												
P CIQ	SZ	YY0000	00.000D	L			360.03	247.2SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	0.0	0.00	0.00	0.0	0.0	0.0	0.0	3.24	
DAN										19990316.0000001	19990316.0000001	19990316.1250012	19990316.00	20001031<>												
P A16	EHZPN	AX1251	38.890	L	0.719	0.00	361.96	230.2SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	49.1	3.26	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251019	19990316.1251019	19990316.1250012	19990316.00	20001031<>												
P A16	EHNSN	AX1252	16.380	L	1.201	0.00	361.96	230.2SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	49.4	3.26	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251019	19990316.1252012	19990316.1250012	19990316.00	20001031<>												
P A16	EHNSG	AX1252	28.230	L	-1.615	0.00	361.96	230.2SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	-87.1	3.26	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251019	19990316.1252013	19990316.1250012	19990316.00	20001031<>												
P A16	EHZTracXB1252	38.530	L				361.96	230.2SW	5.1XMN	-0.0	0.40	3.8	12378.531252	38.480	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	0.0	0.0	3.26	GSC
DAN		19990316.124930.A.CNSN								19990316.1251019	19990316.1252014	19990316.1250012	19990316.00	20001031<>												
P LMQ	BHZPN	AX1251	39.700	L	0.039	0.00	374.53	233.6SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	49.1	3.37	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251020	19990316.1251020	19990316.1250012	19990316.00	20001031<>												
P LMQ	BHNSN	AX1252	18.875	L	1.096	0.00	374.53	233.6SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	49.4	3.37	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251020	19990316.1252015	19990316.1250012	19990316.00	20001031<>												
P LMQ	BHNSG	AX1252	30.725	L	-2.642	0.00	374.53	233.6SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	-87.2	3.37	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251020	19990316.1252016	19990316.1250012	19990316.00	20001031<>												
P LMQ	BHZTracXB1252	33.450	L				374.53	233.6SW	5.2 MN	0.1	0.20	157.1	343155.501252	33.400	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	0.0	0.0	3.37	GSC
DAN		19990316.124930.A.CNSN								19990316.1251020	19990316.1252017	19990316.1250012	19990316.00	20001031<>												
P A54	EHZPN	AX1251	41.340	L	0.275	0.00	386.01	233.1SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	49.1	3.47	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251031	19990316.1251031	19990316.1250012	19990316.00	20001031<>												
P A54	EHNSN	AX1252	21.940	L	1.710	0.00	386.01	233.1SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	49.4	3.47	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251031	19990316.1252018	19990316.1250012	19990316.00	20001031<>												
P A54	EHNSG	AX1252	34.950	L	-1.630	0.00	386.01	233.1SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	-87.3	3.47	GSC	
DAN		19990316.124930.A.CNSN								19990316.1251031	19990316.1252019	19990316.1250012	19990316.00	20001031<>												
P A54	EHZTracXB1252	43.090	L				386.01	233.1SW	5.0XMN	-0.1	0.22	14.2	20776.531252	43.010	0.00	0.00	0.00S	0.0	0.00	0.00	0.0	0.0	0.0	0.0	3.47	GSC
DAN		19990316.124930.A.CNSN								19990316.1251031	19990316.1252020	19990316.1250012	19990316.00	20001031<>												
P A11	EHZPN	AX1251	42.170	L	0.597	0.00	389.90	228.9SW	X																	

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P A21	EHNSG	AB1502	19.770	L	0.462	1.00	104.52	80.8E	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-80.2	0.94	GSC
DAN		20000712.150024.A.CNSN								20000712.1502011	20000712.1502012	20000712.1501015	20000712.00	20010214<>											
P A21	EHZTracXB1502	20.310	L				104.52	80.8E	5.4xMN	1.2	0.16	4.2	86666.531502	20.300	0.00	0.00	0.00SJK	0.0	0.00	0.00	0.0	0.0	0.0	0.0	GSC
DAN		20000712.150024.A.CNSN								20000712.1502011	20000712.1502041	20000712.1501015	20000712.00	20010214<>											
P DPQ	EHZPG	AX1502	14.320	L	-1.724	0.00	162.96	233.6SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-83.7	1.47	GSC
DAN		20000712.150024.A.CNSN								20000712.1502015	20000712.1502015	20000712.1501015	20000712.00	20010214<>											
P DPQ	EHZSG	AX1502	32.670	L	-2.857	0.00	162.96	233.6SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	-83.7	1.47	GSC
DAN		20000712.150024.A.CNSN								20000712.1502015	20000712.1502016	20000712.1501015	20000712.00	20010214<>											
P DPQ	EHZTracXB1502	34.210	L				162.96	233.6SW	4.5xMN	0.3	0.18	277.8	452575.031502	34.170	0.00	0.00	0.00SJK	0.0	0.00	0.00	0.0	0.0	0.0	0.0	GSC
DAN		20000712.150024.A.CNSN								20000712.1502015	20000712.1502042	20000712.1501015	20000712.00	20010214<>											
P MOQ	EHZPN	AX1502	27.360	L	-0.348	0.00	266.49	200.5S	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	2.40	GSC
DAN		20000712.150024.A.CNSN								20000712.1502017	20000712.1502017	20000712.1501015	20000712.00	20010214<>											
P MOQ	EHZTracXB1503	07.640	L				266.49	200.5S	3.9 MN	-0.3	0.12	417.9	47855.001503	05.560	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	0.0	GSC
DAN		20000712.150024.A.CNSN								20000712.1502017	20000712.1503008	20000712.1501015	20000712.00	20010214<>											
P CNQ	EHZPN	AX1502	31.050	L	-0.089	0.00	294.07	47.7NE	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	2.64	GSC
DAN		20000712.150024.A.CNSN								20000712.1502018	20000712.1502018	20000712.1501015	20000712.00	20010214<>											
P CNQ	EHZSN	AX1503	04.090	L	2.122	0.00	294.07	47.7NE	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	2.64	GSC
DAN		20000712.150024.A.CNSN								20000712.1502018	20000712.1503009	20000712.1501015	20000712.00	20010214<>											
P CNQ	EHZTracXB1503	14.360	L				294.07	47.7NE	4.3 MN	0.1	0.14	358.0	102699.501503	13.840	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	0.0	GSC
DAN		20000712.150024.A.CNSN								20000712.1502018	20000712.1503001	20000712.1501015	20000712.00	20010214<>											
P MNT	EHZPN	AX1502	31.690	L	-0.398	0.00	301.78	221.6SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	2.71	GSC
DAN		20000712.150024.A.CNSN								20000712.1502019	20000712.1502019	20000712.1501015	20000712.00	20010214<>											
P MNT	EHZSN	AX1503	01.420	L	-2.203	0.00	301.78	221.6SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	2.71	GSC
DAN		20000712.150024.A.CNSN								20000712.1502019	20000712.1503010	20000712.1501015	20000712.00	20010214<>											
P MNT	EHZTracXB1503	13.490	L				301.78	221.6SW	4.4 MN	0.2	0.22	28.3	15617.501503	13.170	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	0.0	GSC
DAN		20000712.150024.A.CNSN								20000712.1502019	20000712.1503011	20000712.1501015	20000712.00	20010214<>											
P TRQ	EHZPN	AX1502	31.340	L	-1.080	0.00	305.13	242.0SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	2.74	GSC
DAN		20000712.150024.A.CNSN								20000712.1502020	20000712.1502020	20000712.1501015	20000712.00	20010214<>											
P TRQ	EHZTracXB1503	16.470	L				305.13	242.0SW	4.3 MN	0.1	0.12	417.9	89122.501503	21.210	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	0.0	GSC
DAN		20000712.150024.A.CNSN								20000712.1502020	20000712.1503002	20000712.1501015	20000712.00	20010214<>											
P GSQ	EHZPN	AX1502	35.960	L	0.451	0.00	330.07	61.4NE	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	2.97	GSC
DAN		20000712.150024.A.CNSN								20000712.1502021	20000712.1502021	20000712.1501015	20000712.00	20010214<>											
P GSQ	EHZTracXB1503	24.970	L				330.07	61.4NE	4.1 MN	-0.1	0.28	177.0	46842.001503	24.130	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	0.0	GSC
DAN		20000712.150024.A.CNSN								20000712.1502021	20000712.1503003	20000712.1501015	20000712.00	20010214<>											
P ICQ	EHZPN	AX1502	38.110	L	-0.473	0.00	354.98	50.7NE	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.1	3.19	GSC
DAN		20000712.150024.A.CNSN								20000712.1502022	20000712.1502022	20000712.1501015	20000712.00	20010214<>											
P ICQ	EHZSN	AX1503	16.370	L	1.416	0.00	354.98	50.7NE	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	49.4	3.19	GSC
DAN		20000712.150024.A.CNSN								20000712.1502022	20000712.1503012	20000712.1501015	20000712.00	20010214<>											
P ICQ	EHZTracXB1503	28.580	L				354.98	50.7NE	4.3 MN	0.1	0.16	313.0	80068.501503	28.800	0.00	0.00	0.00JAD	0.0	0.00	0.00	0.0	0.0	0.0	0.0	GSC
DAN		20000712.150024.A.CNSN								20000712.1502022	20000712.1503013	20000712.1501015	20000712.00	20010214<>											
P AFO2	EHZPN	AC1502	44.350	L	4.991	0.25	361.34	234.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	49.1	3.25	GSC
DAN		20000712.150000.A.ALF								20000712.1502044	20000712.1502044	20000712.1501015	20000712.00	20010214<>											
P AFO2	BHESN	AC1503	17.354	L	1.046	0.25	361.34	234.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	49.4	3.25	
DAN		20000712.1502044								20000712.1502044	20000712.1503032	20000712.1501015	20000712.00	20010214<>											
P AFO2	EHNSN	AC1503	17.910	L	1.602	0.25	361.34	234.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	49.4	3.25	GSC
DAN		20000712.150000.A.ALF								20000712.1502044	20000712.1503037	20000712.1501015	20000712.00	20010214<>											
P AFO2	EHELG	AX1503	29.540	L	-1.400	0.00	361.34	234.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	-87.1	3.25	GSC
DAN		20000712.150000.A.ALF								20000712.1502044	20000712.1503038	20000712.1501015	20000712.00	20010214<>											
P AFO2	EHZTracYB1503	33.930	L				361.34	234.9SW	5.1 MN	0.9	0.14	44.7	56598.001503	33.900	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	GSC
DAN		20000712.150000.A.ALF								20000712.1502044	20000712.1503039														

F 84 km NE de Matane, Que.
 F Rapporté comme ayant été ressenti de Baie-Comeau
 F a Sept-Iles
 F Ressenti a: Port-Cartier, Sept-Iles, Baie-Trinite, Clarke City, Baie-Comeau,
 F Gallix.
 F La plupart des gens a Sept-Iles ont rapporté avoir ressenti des vibrations.
 F Port Cartier: semblable a une explosion (MM IV).
 F Aucun rapport provenant de la rive sud.
 I Depth set at 30km by seismologist:
 I Allison Bent calculated a depth of 30.5 km for the 20 Jan. Lower St.
 I Lawrence earthquake using stacked regional data.
 I Pmax from stack easy to pick and coincides with Pmax on individual
 I seismograms (very clear on a few). 10 stations used.
 I Consistent with depths of other Lower St. Lawrence eqs being deeper
 I than 18 km default (19-20km for 1999 Cote-Nord, 32km for Oct. 1998 eq).
 I GAC noisy.
 I 1.0 hz uncorrected hp butterworth filter on
 I KAPO vertical out. QCQ timing out.
 I Sg attenuated on LMN.
 I FINE and LOZ from Frank Revetta (REV)
 I LBNH, BINY from Earthworm Exchange. EYMN down?
 I Added polaris data April 18, 2002 with new responses.
 I Short period S.Ont. data from UWO. Stn rps not calibrated.

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Agency	Source	Tsf	UQHhmm	Ss	sssFm	TRes	Wt	Dst_km	Az	OcMag	UTp	M_resPer	Mag_f	Amp	QA_hm	ss	sssT_cor	TR_c	ST_c	AutSnr	Slow	L_a	tm_az	M_emerD	qc_ph	LcEmer	Delta			
Source	Agency	Tsf	UQHhmm	Ss	sssFm	TRes	Wt	Dst_km	Az	OcMag	UTp	M_resPer	Mag_f	Amp	QA_hm	ss	sssT_cor	TR_c	ST_c	AutSnr	Slow	L_a	tm_az	M_emerD	qc_ph	LcEmer	Delta			
P	ICQ	BHZPG	AA1412	01.100D	L	-0.125	4.00	23.40	279.6W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	-37.9	0.21	GSC	
DAN	20020120.141100.A.CNSN																													
P	ICQ	BHNSG	AB1412	04.950	L	-0.801	1.00	23.40	279.6W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	-37.9	0.21	GSC	
DAN	20020120.141100.A.CNSN																													
P	ICQ	BHZTracXB1412	05.175	L				23.40	279.6W	3.3 ML	-0.0	0.25	168.3	1889228.501412	05.100	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.21	GSC	
DAN	20020120.141100.A.CNSN																													
P	GSQ	EHZPG	AA1412	06.620D	L	-0.006	4.00	64.80	190.2S	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	-65.2	0.58	GSC		
DAN	20020120.141100.A.CNSN																													
P	GSQ	EHZSG	AB1412	14.940	L	-0.191	1.00	64.80	190.2S	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	-65.2	0.58	GSC		
DAN	20020120.141100.A.CNSN																													
P	GSQ	EHZTracXB1412	15.070	L				64.80	190.2S	4.4 MN	0.3	0.22	226.7	1494750.001412	15.090	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	49.1	0.58	GSC	
DAN	20020120.141100.A.CNSN																													
P	SMQ	EHZPG	AA1412	09.430C	L	-0.029	4.00	83.82	12.4N	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	-70.3	0.75	GSC		
DAN	20020120.141100.A.CNSN																													
P	SMQ	EHZSG	AB1412	19.730	L	-0.321	1.00	83.82	12.4N	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	-70.3	0.75	GSC		
DAN	20020120.141100.A.CNSN																													
P	SMQ	EHZTracXB1412	20.430	L				83.82	12.4N	4.7 MN	0.6	0.06	836.7	1913970.501412	20.390	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.75	GSC	
DAN	20020120.141100.A.CNSN																													
P	CNQ	EHZPG	AA1412	09.520D	L	0.041	4.00	84.00	256.2W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	-70.3	0.76	GSC		
DAN	20020120.141100.A.CNSN																													
P	CNQ	EHZSG	AB1412	19.770	L	-0.315	1.00	84.00	256.2W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	-70.3	0.76	GSC		
DAN	20020120.141100.A.CNSN																													
P	CNQ	EHZTracXB1412	20.040	L				84.00	256.2W	4.5 MN	0.4	0.10	501.8	1391980.001412	20.040	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.76	GSC	
DAN	20020120.141100.A.CNSN																													
P	MNQ	EHZPN	AB1412	22.390	L	1.594	1.00	174.99	312.4NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	49.1	1.57	GSC		
DAN	20020120.141100.A.CNSN																													
P	MNQ	EHZSN	AC1412	42.370	L	2.507	0.25	174.99	312.4NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	49.4	1.57	GSC		
DAN	20020120.141100.A.CNSN																													
P	MNQ	EHZSG	AC1412	44.370	L	-0.471	0.25	174.99	312.4NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	-80.3	1.57	GSC		
DAN	20020120.141100.A.CNSN																													
P	MNQ	EHZTracXB1412	46.750	L				174.99	312.4NW	4.5 MN	0.4	0.06	836.7	374832.501412	46.760	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	1.57	GSC	
DAN	20020120.141100.A.CNSN																													
P	A21	HHZPN	AX1412	35.630C	L	1.589	0.00	283.15	226.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	49.1	2.55	GSC		
DAN	20020120.141100.A.CNSN																													
P	A21	HHNSN	AX1413	04.870	L	1.899	0.00	283.15	226.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	49.4	2.55	GSC		
DAN	20020120.141100.A.CNSN																													
P	A21	HHESG	AX1413	11.910	L	-2.932	0.00	283.15	226.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	-83.9	2.55	GSC		
DAN	20020120.141100.A.CNSN																													
P	A21	HHZTracXB1413	12.560	L				283.15	226.5SW	4.5 MN	0.4	0.22	23.9	17687.001413	12.400	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	2.55	GSC	
DAN	20020120.141100.A.CNSN																													
P	A64	HHZPN	AX1412	35.480D	L	1.253	0.00	284.76	230.6SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	49.1	2.56	GSC		
DAN	20020120.141100.A.CNSN																													
P	A64	HHNSN	AX1413	05.430	L	2.135	0.00	284.76	230.6SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	0.0	49.4	2.56	GSC		
DAN	20020120.141100.A.CNSN																													
P	A64	HHESG	AX1413	10.950	L	-4.341	0.00	284.76	230.6SW	X	0.0	0.00	0.0	0.000000	00.000</															

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P A64	HHZTracXB1413 15.060	L		284.76	230.6SW	4.0 MN	-0.1	0.14	18.7	2717.001413	15.020	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	2.56	GSC	
DAN	20020120.141100.A.CNSN					20020120.1412029	20020120.1413003	20020120.1411008	20020120.00	20020522<>													
P A61	HHZPN AX1412 37.880	L	1.121	0.00	305.71	230.4SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	2.75	GSC
DAN	20020120.141100.A.CNSN					20020120.1412030	20020120.1412030	20020120.1411008	20020120.00	20020522<>													
P A61	HHNSG AX1413 17.320	L	-3.816	0.00	305.71	230.4SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	2.75	GSC
DAN	20020120.141100.A.CNSN					20020120.1412030	20020120.1413021	20020120.1411008	20020120.00	20020522<>													
P A61	HHZSG AX1413 17.510	L	-3.626	0.00	305.71	230.4SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	2.75	GSC
DAN	20020120.141100.A.CNSN					20020120.1412030	20020120.1413004	20020120.1411008	20020120.00	20020522<>													
P A61	HHZTracXB1413 24.730	L			305.71	230.4SW	4.1XMN	-0.0	0.16	32.8	6410.031413	24.690	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	2.75	GSC
DAN	20020120.141100.A.CNSN					20020120.1412030	20020120.1413005	20020120.1411008	20020120.00	20020522<>													
P A16	HHZPN AX1412 40.100	L	1.763	0.00	318.36	226.3SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	2.86	GSC
DAN	20020120.141100.A.CNSN					20020120.1412031	20020120.1412031	20020120.1411008	20020120.00	20020522<>													
P A16	HHEsn AX1413 12.910	L	2.444	0.00	318.36	226.3SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	2.86	GSC
DAN	20020120.141100.A.CNSN					20020120.1412031	20020120.1413022	20020120.1411008	20020120.00	20020522<>													
P A16	HHEsg AX1413 20.810	L	-3.843	0.00	318.36	226.3SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	2.86	GSC
DAN	20020120.141100.A.CNSN					20020120.1412031	20020120.1413023	20020120.1411008	20020120.00	20020522<>													
P A16	HHZTracXB1413 27.290	L			318.36	226.3SW	4.0XMN	-0.1	0.20	6.6	1305.031413	27.210	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	2.86	GSC
DAN	20020120.141100.A.CNSN					20020120.1412031	20020120.1413024	20020120.1411008	20020120.00	20020522<>													
P LMQ	BHZPN AX1412 40.900	L	1.220	0.00	329.72	230.4SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	2.97	GSC
DAN	20020120.141100.A.CNSN					20020120.1412032	20020120.1412032	20020120.1411008	20020120.00	20020522<>													
P LMQ	BHEsn AX1413 15.050	L	2.241	0.00	329.72	230.4SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	2.97	GSC
DAN	20020120.141100.A.CNSN					20020120.1412032	20020120.1413025	20020120.1411008	20020120.00	20020522<>													
P LMQ	BHEsg AX1413 23.375	L	-4.456	0.00	329.72	230.4SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	2.97	GSC
DAN	20020120.141100.A.CNSN					20020120.1412032	20020120.1413026	20020120.1411008	20020120.00	20020522<>													
P LMQ	BHZTracXB1413 29.525	L			329.72	230.4SW	4.2 MN	0.1	0.15	209.4	43263.001413	29.450	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	2.97	GSC
DAN	20020120.141100.A.CNSN					20020120.1412032	20020120.1413027	20020120.1411008	20020120.00	20020522<>													
P A54	HHZPN AX1412 42.520	L	1.415	0.00	341.37	229.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	3.07	GSC
DAN	20020120.141100.A.CNSN					20020120.1412033	20020120.1412033	20020120.1411008	20020120.00	20020522<>													
P A54	HHEsn AX1413 16.350	L	1.055	0.00	341.37	229.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	3.07	GSC
DAN	20020120.141100.A.CNSN					20020120.1412033	20020120.1413028	20020120.1411008	20020120.00	20020522<>													
P A54	HHEsg AX1413 26.840	L	-4.240	0.00	341.37	229.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	3.07	GSC
DAN	20020120.141100.A.CNSN					20020120.1412033	20020120.1413029	20020120.1411008	20020120.00	20020522<>													
P A54	HHZTracXB1413 34.860	L			341.37	229.9SW	4.2XMN	0.1	0.14	18.7	3113.031413	34.740	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	3.07	GSC
DAN	20020120.141100.A.CNSN					20020120.1412033	20020120.1413030	20020120.1411008	20020120.00	20020522<>													
P A11	HHZPN AX1412 43.480	L	1.686	0.00	346.74	225.1SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	3.12	GSC
DAN	20020120.141100.A.CNSN					20020120.1412034	20020120.1412034	20020120.1411008	20020120.00	20020522<>													
P A11	HHEsn AX1413 15.640	L	-0.857	0.00	346.74	225.1SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	3.12	GSC
DAN	20020120.141100.A.CNSN					20020120.1412034	20020120.1413031	20020120.1411008	20020120.00	20020522<>													
P A11	HHNSG AX1413 28.220	L	-4.352	0.00	346.74	225.1SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	3.12	GSC
DAN	20020120.141100.A.CNSN					20020120.1412034	20020120.1413032	20020120.1411008	20020120.00	20020522<>													
P A11	HHZTracXB1413 34.080	L			346.74	225.1SW	4.1XMN	-0.0	0.26	5.1	1302.531413	34.020	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	3.12	GSC
DAN	20020120.141100.A.CNSN					20020120.1412034	20020120.1413033	20020120.1411008	20020120.00	20020522<>													
P DAQ	EHZPN AX1412 43.900	L	0.786	0.00	358.32	243.4SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	3.22	GSC
DAN	20020120.141100.A.CNSN					20020120.1412018	20020120.1412018	20020120.1411008	20020120.00	20020522<>													
P DAQ	EHZsn AX1413 22.320	L	3.519	0.00	358.32	243.4SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	3.22	GSC
DAN	20020120.141100.A.CNSN					20020120.1412018	20020120.1413034	20020120.1411008	20020120.00	20020522<>													
P DAQ	EHZSG AX1413 34.830	L	-0.995	0.00	358.32	243.4SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	3.22	GSC
DAN	20020120.141100.A.CNSN					20020120.1412018	20020120.1413035	20020120.1411008	20020120.00	20020522<>													
P DAQ	EHZTracXB1413 41.750	L			358.32	243.4SW	4.3 MN	0.2	0.22	226.7	73054.001413	41.670	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	3.22	GSC
DAN	20020120.141100.A.CNSN					20020120.1412018	20020120.1413007	20020120.1411008	20020120.00	20020522<>													
P LMN	BHZPN AX1412 53.700	L	1.123	0.00	435.42	157.4SE	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	3.92	GSC
DAN	20020120.141100.A.CNSN					20020120.1412019	20020120.1412019	20020120.1411008	20020120.00	20020522<>													
P LMN	BHNSN AX1413 37.675	L	2.364	0.0																			

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P GAC	EHZLG	AX1415	24.970	L	-5.027	0.00	766.66	239.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	-87.7	6.89	GSC
DAN		20020120.141100.A.CNSN											20020120.1413045	20020120.1415012	20020120.1411008	20020120	00	20020522<>							
P GAC	BHZTracXB1415	34.425	L				766.66	239.9SW	4.1XMN	-0.0	0.40	113.2	11958.031415	34.325	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	6.89	GSC
DAN		20020120.141100.A.CNSN											20020120.1413045	20020120.1415013	20020120.1411008	20020120	00	20020522<>							
P GAC	EHZTracXB1415	34.490	L				766.66	239.9SW	4.1 MN	-0.0	0.40	121.5	13288.001415	34.420	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	6.89	GSC
DAN		20020120.141100.A.CNSN											20020120.1413045	20020120.1415014	20020120.1411008	20020120	00	20020522<>							
P VLDQ	BHZPN	AX1413	36.425	L	1.027	0.00	786.32	262.8W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	49.1	7.07	GSC
DAN		20020120.141100.A.CNSN											20020120.1413047	20020120.1413047	20020120.1411008	20020120	00	20020522<>							
P VLDQ	BHESN	AX1414	54.875	L	4.857	0.00	786.32	262.8W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	49.4	7.07	GSC
DAN		20020120.141100.A.CNSN											20020120.1413047	20020120.1414021	20020120.1411008	20020120	00	20020522<>							
P VLDQ	BHNLG	AX1415	36.675	L	1.175	0.00	786.32	262.8W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	-87.8	7.07	GSC
DAN		20020120.141100.A.CNSN											20020120.1413047	20020120.1415015	20020120.1411008	20020120	00	20020522<>							
P VLDQ	BHZTracYB1415	45.225	L				786.32	262.8W	4.0 MN	-0.1	0.50	84.3	8135.501415	45.100	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	7.07	GSC
DAN		20020120.141100.A.CNSN											20020120.1413047	20020120.1415016	20020120.1411008	20020120	00	20020522<>							
P LOZ	PN	AX1413	37.50	L	1.376	0.00	792.61	229.8SW	X	0.0	0.00	0.0	0.0	.	0.00	0.00	REV	0.0					49.1	7.13	
													20020120.1413048	20020120.1413048	20020120.1411008	20020120	00	20020522<>							
P WBO	EHZPN	AX1413	38.450	L	0.976	0.00	803.34	234.7SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	49.1	7.22	GSC
DAN		20020120.141100.A.CNSN											20020120.1413049	20020120.1413049	20020120.1411008	20020120	00	20020522<>							
P WBO	EHZSN	AX1414	58.010	L	4.369	0.00	803.34	234.7SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	49.4	7.22	GSC
DAN		20020120.141100.A.CNSN											20020120.1413049	20020120.1414022	20020120.1411008	20020120	00	20020522<>							
P WBO	EHZSG	AX1415	32.490	L	-7.773	0.00	803.34	234.7SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	-87.9	7.22	GSC
DAN		20020120.141100.A.CNSN											20020120.1413049	20020120.1415017	20020120.1411008	20020120	00	20020522<>							
P WBO	EHZTracXB1415	43.190	L				803.34	234.7SW	3.9XMN	-0.2	0.36	136.0	7640.531415	43.250	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	7.22	GSC
DAN		20020120.141100.A.CNSN											20020120.1413049	20020120.1415018	20020120.1411008	20020120	00	20020522<>							
P FINE	PN	AX1413	45.04	L	1.476	0.00	853.51	230.2SW	X	0.0	0.00	0.0	0.0	.	0.00	0.00	REV	0.0					49.1	7.68	
													20020120.1413050	20020120.1413050	20020120.1411008	20020120	00	20020522<>							
P CRLO	EHZPN	AX1413	44.080	L	-1.551	0.00	870.29	247.8W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	49.1	7.83	GSC
DAN		20020120.141100.A.CNSN											20020120.1413051	20020120.1413051	20020120.1411008	20020120	00	20020522<>							
P CRLO	EHZSN	AX1415	09.170	L	1.298	0.00	870.29	247.8W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	49.4	7.83	GSC
DAN		20020120.141100.A.CNSN											20020120.1413051	20020120.1415019	20020120.1411008	20020120	00	20020522<>							
P CRLO	EHZLG	AX1415	52.720	L	-6.288	0.00	870.29	247.8W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	-88.0	7.83	GSC
DAN		20020120.141100.A.CNSN											20020120.1413051	20020120.1415020	20020120.1411008	20020120	00	20020522<>							
P CRLO	EHZTracXB1416	02.240	L				870.29	247.8W	4.1 MN	-0.0	0.34	144.5	9399.501416	02.100	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	7.83	GSC
DAN		20020120.141100.A.CNSN											20020120.1413051	20020120.1416003	20020120.1411008	20020120	00	20020522<>							
P KGNO	BHZPN	AX1413	52.100	L	-1.157	0.00	932.76	234.8SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	49.1	8.39	GSC
DAN		20020120.141100.A.CNSN											20020120.1413052	20020120.1413052	20020120.1411008	20020120	00	20020522<>							
P KGNO	BHNSN	AX1415	23.150	L	1.973	0.00	932.76	234.8SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	49.4	8.39	GSC
DAN		20020120.141100.A.CNSN											20020120.1413052	20020120.1415021	20020120.1411008	20020120	00	20020522<>							
P KGNO	BHNLG	AX1416	09.050	L	-7.444	0.00	932.76	234.8SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	-88.1	8.39	GSC
DAN		20020120.141100.A.CNSN											20020120.1413052	20020120.1416004	20020120.1411008	20020120	00	20020522<>							
P KGNO	BHZTracXB1416	17.225	L				932.76	234.8SW	3.7XMN	-0.4	0.40	9.8	325.031416	17.200	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	8.39	GSC
DAN		20020120.141100.A.CNSN											20020120.1413052	20020120.1416005	20020120.1411008	20020120	00	20020522<>							
P EEO	EHZPN	AX1413	55.300	L	-0.827	0.00	956.57	255.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	49.1	8.60	GSC
DAN		20020120.141100.A.CNSN											20020120.1413016	20020120.1413016	20020120.1411008	20020120	00	20020522<>							
P EEO	EHZSN	AX1415	29.350	L	3.164	0.00	956.57	255.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	49.4	8.60	GSC
DAN		20020120.141100.A.CNSN											20020120.1413016	20020120.1415006	20020120.1411008	20020120	00	20020522<>							
P EEO	EHZSG	AX1416	20.080	L	-3.083	0.00	956.57	255.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	-88.2	8.60	GSC
DAN		20020120.141100.A.CNSN											20020120.1413016	20020120.1416001	20020120.1411008	20020120	00	20020522<>							
P EEO	EHZTracXB1416	28.050	L				956.57	255.3W	4.2 MN	0.1	0.36	136.0	10537.001416	27.930	0.00	0.00	0.00MGL	0.0	0.00	0.00	0.0	0.0	0.0	8.60	GSC
DAN		20020120.141100.A.CNSN											20020120.1413016	20020120.1416002	20020120.1411008	20020120	00	20020522<>		</					

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P WLVO	HHZPN	XB0211	20.930	L	4.516	0.00	1076.70	238.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	49.1	9.68	GSC
DAN		20020723.020742.A.CNSN							20020723.0211021	20020723.0211021	20020723.0208003	20020723.00	20020826<>												
P WLVO	HHNSN	AX0212	57.310	L	-1.016	0.00	1076.70	238.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	49.4	9.68	GSC
DAN		20020723.020742.A.CNSN							20020723.0211021	20020723.0212033	20020723.0208003	20020723.00	20020826<>												
P WLVO	HHNLG	AX0213	52.290	L	-8.767	0.00	1076.70	238.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	-89.0	9.68	GSC
DAN		20020723.020742.A.CNSN							20020723.0211021	20020723.0213009	20020723.0208003	20020723.00	20020826<>												
P WLVO	HHZTracXB0214	09.060		L			1076.70	238.5SW	3.8XMN	-0.2	0.44	11.8	415.530214	09.080	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	9.68	GSC
DAN		20020723.020742.A.CNSN							20020723.0211021	20020723.0214003	20020723.0208003	20020723.00	20020826<>												
P BINY	BHNSN	AX0213	03.475	L	4.654	0.00	1079.38	223.8SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	49.4	9.71	GSC
DAN		20020723.020742.A.CNSN							20020723.0213010	20020723.0213010	20020723.0208003	20020723.00	20020826<>												
P BINY	BHNSG	AX0213	55.100	L	-6.710	0.00	1079.38	223.8SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	-89.0	9.71	GSC
DAN		20020723.020742.A.CNSN							20020723.0213010	20020723.0213011	20020723.0208003	20020723.00	20020826<>												
P PKRO	HHEsn	AX0213	18.850	L	12.220	0.00	1115.84	240.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	49.4	10.04	GSC
DAN		20020723.020742.A.CNSN							20020723.0213012	20020723.0213012	20020723.0208003	20020723.00	20020826<>												
P PKRO	HHNLG	AX0214	03.500	L	-8.519	0.00	1115.84	240.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	-89.1	10.04	GSC
DAN		20020723.020742.A.CNSN							20020723.0213012	20020723.0214004	20020723.0208003	20020723.00	20020826<>												
P PKRO	HHZTracXB0214	20.690		L			1115.84	240.5SW	4.4XMN	0.4	0.22	23.6	1343.030214	20.660	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	10.04	GSC
DAN		20020723.020742.A.CNSN							20020723.0213012	20020723.0214005	20020723.0208003	20020723.00	20020826<>												
P KAPO	BHZPN	XC0211	20.150	L	-2.173	0.00	1125.27	275.1W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	49.1	10.12	GSC
DAN		20020723.020742.A.CNSN							20020723.0211022	20020723.0211022	20020723.0208003	20020723.00	20020826<>												
P KAPO	BHESN	XC0213	05.950	L	-2.686	0.00	1125.27	275.1W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	49.4	10.12	GSC
DAN		20020723.020742.A.CNSN							20020723.0211022	20020723.0213013	20020723.0208003	20020723.00	20020826<>												
P KAPO	BHELg	AX0214	10.175	L	-4.485	0.00	1125.27	275.1W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	-89.1	10.12	GSC
DAN		20020723.020742.A.CNSN							20020723.0211022	20020723.0214006	20020723.0208003	20020723.00	20020826<>												
P KAPO	BHZTracXB0214	22.700		L			1125.27	275.1W	3.7XMN	-0.3	0.40	78.5	1797.530214	22.600	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	10.12	GSC
DAN		20020723.020742.A.CNSN							20020723.0211022	20020723.0214002	20020723.0208003	20020723.00	20020826<>												
P STCO	HHNSN	AX0213	19.800	L	0.369	0.00	1175.90	237.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	49.4	10.58	GSC
DAN		20020723.020742.A.CNSN							20020723.0213014	20020723.0213014	20020723.0208003	20020723.00	20020826<>												
P STCO	HHNLG	AX0214	20.100	L	-8.740	0.00	1175.90	237.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	-89.1	10.58	GSC
DAN		20020723.020742.A.CNSN							20020723.0213014	20020723.0214007	20020723.0208003	20020723.00	20020826<>												
P STCO	HHZTracXB0214	37.500		L			1175.90	237.5SW	4.0XMN	-0.0	0.22	22.0	456.530214	37.450	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	10.58	GSC
DAN		20020723.020742.A.CNSN							20020723.0213014	20020723.0214008	20020723.0208003	20020723.00	20020826<>												
P EFO	EHZLG	AX0214	29.360	L	-4.293	0.00	1193.08	237.4SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	-89.1	10.73	GSC
DAN		20020723.020742.A.CNSN							20020723.0214009	20020723.0214009	20020723.0208003	20020723.00	20020826<>												
P EFO	EHZTracXB0214	32.170		L			1193.08	237.4SW	3.7XMN	-0.3	0.28	177.0	2471.030214	32.100	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	10.73	GSC
DAN		20020723.020742.A.CNSN							20020723.0214009	20020723.0214010	20020723.0208003	20020723.00	20020826<>												
P RD01	EHNSG	AX0214	30.980	L	-5.293	0.00	1202.44	240.0SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	-89.1	10.81	GSC
DAN		20020723.020742.A.CNSN							20020723.0214023	20020723.0214023	20020723.0208003	20020723.00	20020826<>												
P RD01	EHZTracYB0214	40.120		L			1202.44	240.0SW	4.2XMN	0.2	0.26	23.5	888.030214	40.060	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	10.81	GSC
DAN		20020723.020742.A.CNSN							20020723.0214023	20020723.0214024	20020723.0208003	20020723.00	20020826<>												
P ACTO	HHEsg	AX0214	28.400	L	-8.030	0.00	1203.00	241.4SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	-89.1	10.82	GSC
DAN		20020723.020742.A.CNSN							20020723.0214011	20020723.0214011	20020723.0208003	20020723.00	20020826<>												
P ACTO	HHZTracXB0214	41.730		L			1203.00	241.4SW	4.1XMN	0.1	0.34	15.3	650.030214	41.650	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	10.82	GSC
DAN		20020723.020742.A.CNSN							20020723.0214011	20020723.0214012	20020723.0208003	20020723.00	20020826<>												
P PTCO	HHZPN	XB0211	39.760	L	7.286	0.00	1208.48	236.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	49.1	10.87	GSC
DAN		20020723.020742.A.CNSN							20020723.0211023	20020723.0211023	20020723.0208003	20020723.00	20020826<>												
P PTCO	HHNSN	AX0213	29.110	L	2.765	0.00	1208.48	236.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	49.4	10.87	GSC
DAN		20020723.020742.A.CNSN							20020723.0211023	20020723.0213015	20020723.0208003	20020723.00	20020826<>												
P PTCO	HHELg	AX0214	28.540	L	-9.426	0.00	1208.48	236.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	-89.1	10.87	GSC
DAN		20020723.020742																							

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P A64	HHZTracXB1134	46.670	L	20.02	46.9NE	4.1XMN	-0.0	0.08	32.3	315325.001134	46.650	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	0.0	0.18	GSC		
DAN	20030613.113000.A.CNSN					20030613.1134004	20030613.1134006	20030613.1134006	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>											
P LMQ	BHZPG AB1134	44.525	L	-0.153	1.00	24.95	226.3SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	-66.0	0.22	GSC
DAN	20030613.113000.A.CNSN					20030613.1134024	20030613.1134024	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P LMQ	BHNSG AB1134	48.025	L	0.081	1.00	24.95	226.3SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	-66.0	0.22	GSC
DAN	20030613.113000.A.CNSN					20030613.1134024	20030613.1134025	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P LMQ	BHZTracXB1134	48.300	L			24.95	226.3SW	4.2XMN	0.1	0.05	620.4	2793903.001134	48.275	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	0.0	0.22	GSC
DAN	20030613.113000.A.CNSN					20030613.1134024	20030613.1134026	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P A16	HHZPG AA1134	44.870D	L	-0.026	4.00	26.61	166.8S	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	-67.3	0.24	GSC
DAN	20030613.113000.A.CNSN					20030613.1134010	20030613.1134010	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P A16	HHNSG AB1134	48.250	L	-0.073	1.00	26.61	166.8S	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	-67.3	0.24	GSC
DAN	20030613.113000.A.CNSN					20030613.1134010	20030613.1134027	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P A16	HHZTracXB1134	48.320	L			26.61	166.8S	4.2XMN	0.1	0.06	21.2	100687.501134	48.310	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	0.0	0.24	GSC
DAN	20030613.113000.A.CNSN					20030613.1134010	20030613.1134012	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P A21	HHZPG AA1134	45.390C	L	0.007	4.00	29.85	89.8E	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	-69.6	0.27	GSC
DAN	20030613.113000.A.CNSN					20030613.1134028	20030613.1134028	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P A21	HHZTracXB1134	49.270	L			29.85	89.8E	4.2XMN	0.1	0.14	37.4	353001.501134	49.240	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	0.0	0.27	GSC
DAN	20030613.113000.A.CNSN					20030613.1134028	20030613.1134029	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P A21	HHNSG AB1134	49.300	L	0.130	1.00	29.85	89.8E	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	-69.6	0.27	GSC
DAN	20030613.113000.A.CNSN					20030613.1134028	20030613.1134015	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P A54	HHZPG AA1134	46.470D	L	0.009	4.00	36.79	221.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	-73.2	0.33	GSC
DAN	20030613.113000.A.CNSN					20030613.1134016	20030613.1134016	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P A54	HHNSG AB1134	51.070	L	0.029	1.00	36.79	221.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	-73.2	0.33	GSC
DAN	20030613.113000.A.CNSN					20030613.1134016	20030613.1134030	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P A54	HHZTracXB1134	51.290	L			36.79	221.9SW	4.0XMN	-0.1	0.16	16.4	91868.001134	51.250	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	0.0	0.33	GSC
DAN	20030613.113000.A.CNSN					20030613.1134016	20030613.1134018	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P A11	HHZPG AB1134	48.800	L	-0.016	1.00	51.96	189.3S	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	-77.9	0.47	GSC
DAN	20030613.113000.A.CNSN					20030613.1134031	20030613.1134031	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P A11	HHNSG AB1134	55.240	L	-0.109	1.00	51.96	189.3S	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	-77.9	0.47	GSC
DAN	20030613.113000.A.CNSN					20030613.1134031	20030613.1134032	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P DAQ	EHZPG AX1134	54.850C	L	-0.248	0.00	91.30	289.0W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	-83.0	0.82	GSC
DAN	20030613.113000.A.CNSN					20030613.1134034	20030613.1134034	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P DAQ	EHZSG AX1135	05.550	L	-0.490	0.00	91.30	289.0W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	-83.0	0.82	GSC
DAN	20030613.113000.A.CNSN					20030613.1134034	20030613.1135040	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P DAQ	EHZTracXB1135	08.860	L			91.30	289.0W	4.3 MN	0.2	0.06	836.7	637462.001135	08.850	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	0.0	0.82	GSC
DAN	20030613.113000.A.CNSN					20030613.1134034	20030613.1135001	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P QCQ	EHZPG AX1135	01.470D	L	-0.898	0.00	136.71	221.6SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	-85.3	1.23	GSC
DAN	20030613.113000.A.CNSN					20030613.1135014	20030613.1135014	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P QCQ	EHZSG AX1135	18.330	L	-0.336	0.00	136.71	221.6SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	-85.3	1.23	GSC
DAN	20030613.113000.A.CNSN					20030613.1135014	20030613.1135015	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P QCQ	EHZTracXB1135	21.390	L			136.71	221.6SW	4.1 MN	-0.0	0.20	249.8	211723.001135	21.340	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	0.0	1.23	GSC
DAN	20030613.113000.A.CNSN					20030613.1135014	20030613.1135004	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P CNQ	EHZPN AX1135	13.290	L	-1.646	0.00	231.95	39.2NE	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	49.1	2.09	GSC
DAN	20030613.113000.A.CNSN					20030613.1135041	20030613.1135041	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P CNQ	EHZSG AX1135	43.750	L	-1.543	0.00	231.95	39.2NE	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	-87.2	2.09	GSC
DAN	20030613.113000.A.CNSN					20030613.1135041	20030613.1135017	20030613.1134006	20030613.1134006	20030613.1134006	20030613.00	20040805<>												
P CNQ	EHZTracXB1135	44.560	L			231.95	39.2NE	4.4 MN	0.3	0.16	313.0	187149.501135	44.520	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	0.0	2.09	GSC
DAN	20030613.113000.A.CNSN					20030613.1135041	20030613.1135007	20030613.1134006	20030613.1134006	20030613.1134006	200													

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P VLDQ	BHZTracXX1137	24.475	L		575.71	278.2W	3.9 MN	-0.2	0.25	168.3	11103.001137	24.400	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	5.18	GSC	
DAN	20030613.113400.A.CNSN						20030613.1135038				20030613.1137008	20030613.1134006	20030613	00	20040805<>												
P CRLO	EHZPN AX1135	56.580	L	-1.556	0.00	586.17	254.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.1	5.27	GSC
DAN	20030613.113000.A.CNSN						20030613.1135039				20030613.1135039	20030613.1134006	20030613	00	20040805<>												
P CRLO	EHZSN AX1136	55.180	L	-0.842	0.00	586.17	254.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.4	5.27	GSC
DAN	20030613.113400.A.CNSN						20030613.1135039				20030613.1136039	20030613.1134006	20030613	00	20040805<>												
P CRLO	EHZTracXB1137	28.000	L			586.17	254.3W	4.1 MN	-0.0	0.16	313.0	18306.001137	27.960	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	0.0	5.27	GSC
DAN	20030613.113400.A.CNSN						20030613.1135039				20030613.1137003	20030613.1134006	20030613	00	20040805<>												
P KGNO	BHZPN AX1136	02.650	L	-0.743	0.00	629.20	234.4SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.1	5.66	GSC
DAN	20030613.113436.A.CNSN						20030613.1136040				20030613.1136040	20030613.1134006	20030613	00	20040805<>												
P KGNO	BHZTracXB1137	37.250	L			629.20	234.4SW	3.8 MN	-0.3	0.30	17.5	899.001137	37.175	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	0.0	5.66	GSC
DAN	20030613.113436.A.CNSN						20030613.1136040				20030613.1137004	20030613.1134006	20030613	00	20040805<>												
P EEO	EHZPN AX1136	09.020	L	-1.935	0.00	691.48	263.5W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.1	6.22	GSC
DAN	20030613.113400.A.CNSN						20030613.1136030				20030613.1136030	20030613.1134006	20030613	00	20040805<>												
P EEO	EHZSN AX1137	17.110	L	-1.277	0.00	691.48	263.5W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.4	6.22	GSC
DAN	20030613.113400.A.CNSN						20030613.1136030				20030613.1137009	20030613.1134006	20030613	00	20040805<>												
P EEO	EHZTracXB1137	58.170	L			691.48	263.5W	4.1 MN	-0.0	0.24	207.5	16676.001137	58.110	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	0.0	6.22	GSC
DAN	20030613.113400.A.CNSN						20030613.1136030				20030613.1137006	20030613.1134006	20030613	00	20040805<>												
P LG4Q	EHZPN AX1136	13.300	L	-0.875	0.00	717.68	338.3N	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.1	6.45	GSC
DAN	20030613.113436.A.CNSN						20030613.1136041				20030613.1136041	20030613.1134006	20030613	00	20040805<>												
P LG4Q	EHZSN AX1137	22.810	L	-1.194	0.00	717.68	338.3N	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.4	6.45	GSC
DAN	20030613.113436.A.CNSN						20030613.1136041				20030613.1137010	20030613.1134006	20030613	00	20040805<>												
P LG4Q	EHZTracXB1138	02.980	L			717.68	338.3N	4.2 MN	0.1	0.36	136.0	17463.001138	02.890	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	0.0	6.45	GSC
DAN	20030613.113436.A.CNSN						20030613.1136041				20030613.1138001	20030613.1134006	20030613	00	20040805<>												
P SADO	BHZPN AX1136	19.750	L	-0.876	0.00	770.65	248.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.1	6.93	GSC
DAN	20030613.113436.A.CNSN						20030613.1136042				20030613.1136042	20030613.1134006	20030613	00	20040805<>												
P SADO	BHZTracXB1138	20.800	L			770.65	248.3W	4.0 MN	-0.1	0.30	104.7	6403.001138	20.725	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	0.0	6.93	GSC
DAN	20030613.113436.A.CNSN						20030613.1136042				20030613.1138002	20030613.1134006	20030613	00	20040805<>												
P SCHQ	BHZPN AX1136	26.525	L	-0.765	0.00	825.51	14.7N	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.1	7.42	GSC
DAN	20030613.113436.A.CNSN						20030613.1136043				20030613.1136043	20030613.1134006	20030613	00	20040805<>												
P SCHQ	BHZTracXB1138	30.950	L			825.51	14.7N	3.9 MN	-0.2	0.40	94.2	5924.501138	30.850	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	0.0	7.42	GSC
DAN	20030613.113436.A.CNSN						20030613.1136043				20030613.1138003	20030613.1134006	20030613	00	20040805<>												
P RD01	EHESN XB1138	44.660	L	42.326	0.00	897.81	241.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.4	8.07	GSC
DAN	20030613.113138.A.SONT						20030613.1138009				20030613.1138009	20030613.1134006	20030613	00	20040805<>												
P RD01	EHZTracYB1138	51.710	L			897.81	241.5SW	4.4xMN	0.3	0.16	38.2	2221.031138	51.700	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	0.0	8.07	GSC
DAN	20030613.113138.A.SONT						20030613.1138009				20030613.1138005	20030613.1134006	20030613	00	20040805<>												
P RD02	EHNSN XB1138	44.650	L	40.411	0.00	906.73	241.0SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.4	8.15	GSC
DAN	20030613.113138.A.SONT						20030613.1138010				20030613.1138010	20030613.1134006	20030613	00	20040805<>												
P RD02	EHZTracYB1138	57.650	L			906.73	241.0SW	4.0xMN	-0.1	0.12	50.7	953.531138	57.590	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	0.0	8.15	GSC
DAN	20030613.113138.A.SONT						20030613.1138010				20030613.1138007	20030613.1134006	20030613	00	20040805<>												
P RD03	EHNSN XB1138	48.920	L	41.915	0.00	919.82	240.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.4	8.27	GSC
DAN	20030613.113138.A.SONT						20030613.1138011				20030613.1138011	20030613.1134006	20030613	00	20040805<>												
P RD03	EHZTracYB1139	04.250	L			919.82	240.5SW	4.4xMN	0.3	0.06	97.3	2403.531139	04.260	0.00	0.00	0.00SjL	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	0.0	8.27	GSC
DAN	20030613.113138.A.SONT						20030613.1138011				20030613.1139003	20030613.1134006	20030613	00	20040805<>												
P KAPO	BHZPN AX1136	40.050	L	-0.800	0.00	936.45	286.6W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00vpe	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.0	49.1	8.42	GSC
DAN	20030613.113436.A.CNSN						20030613.1136044				20030613.1136044	20030613.1134006	20030613	00	20040805<>												
P KAPO	BHZTracXB1139	05.175	L			936.45	286.6W	3.9 MN	-0.2	0.40																	

I SMQ timing out. CRLO timing out?
 I IGL down, as is POLARIS IGLN. EYMN response unknown.
 I Three Charlevoix stations saturated. Not used for magnitude anyway.
 I BINY and LBNH currently not available through earthworm.
 I Many POLARIS stations are soft soil sites, not used for magnitude.
 I S.Ont. data from UWO.

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2 20050306.0617005 20050531
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 7 20050306.0617005 20050531

Agency	Source	Tsf	Smdl	Comment	Groupid	Arrid	Solid	ss	sssT_cor	TR_c	ST_c	AutSnr	Slow	L_a	tM_az	M_emerD	qC_ph	LcEmer	Delta								
P A21	HHZPG	AA0617	52.050C	L	-0.059	4.00	6.33	149.9SE	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-25.5	0.06	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617001	20050306.0617001	20050306.0617005	20050306	00	20050531	<>																		
P A21	HHESG	AB0617	53.810	L	-0.054	1.00	6.33	149.9SE	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-25.5	0.06	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617001	20050306.0617002	20050306.0617005	20050306	00	20050531	<>																		
P A21	HHZTracXB0617	54.160	L		6.33	149.9SE			3.9 ML	-0.4	0.08	64.6	6908715.000617	54.130	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	0.0	0.06	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617001	20050306.0617009	20050306.0617005	20050306	00	20050531	<>																		
P A64	HHZPG	AA0617	52.960D	L	0.040	4.00	14.53	304.3NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-47.6	0.13	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617003	20050306.0617003	20050306.0617005	20050306	00	20050531	<>																		
P A64	HHNSG	AB0617	55.310	L	0.039	1.00	14.53	304.3NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-47.6	0.13	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617003	20050306.0617004	20050306.0617005	20050306	00	20050531	<>																		
P A64	HHZTracXB0617	55.610	L		14.53	304.3NW			3.7 ML	-0.6	0.16	16.4	740426.500617	55.570	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	0.0	0.13	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617003	20050306.0617010	20050306.0617005	20050306	00	20050531	<>																		
P A61	HHZPG	AA0617	54.800D	L	0.093	4.00	27.68	256.2W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-64.3	0.25	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617005	20050306.0617005	20050306.0617005	20050306	00	20050531	<>																		
P A61	HHNSG	AX0617	58.580	L	0.206	0.00	27.68	256.2W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-64.3	0.25	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617005	20050306.0617011	20050306.0617005	20050306	00	20050531	<>																		
P A61	HHZTracXB0617	58.890	L		27.68	256.2W			4.6 ML	0.3	0.14	37.4	5617948.500617	58.850	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	0.0	0.25	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617005	20050306.0617012	20050306.0617005	20050306	00	20050531	<>																		
P A16	HHZPG	AA0617	56.270C	L	0.113	4.00	37.57	213.4SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-70.5	0.34	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617006	20050306.0617006	20050306.0617005	20050306	00	20050531	<>																		
P A16	HHNSG	AB0618	00.980	L	-0.086	1.00	37.57	213.4SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-70.5	0.34	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617006	20050306.0618001	20050306.0617005	20050306	00	20050531	<>																		
P A16	HHZTracXB0618	01.340	L		37.57	213.4SW			4.6 ML	0.3	0.16	8.2	489165.000618	01.300	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-70.0	0.34	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617006	20050306.0618002	20050306.0617005	20050306	00	20050531	<>																		
P LMQ	BHZPG	AA0617	58.025D	L	-0.091	4.00	50.16	243.2SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-75.2	0.45	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617007	20050306.0617007	20050306.0617005	20050306	00	20050531	<>																		
P LMQ	BHNSG	AB0618	04.225	L	-0.069	1.00	50.16	243.2SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-75.2	0.45	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617007	20050306.0618003	20050306.0617005	20050306	00	20050531	<>																		
P LMQ	BHZTracXB0618	05.125	L		50.16	243.2SW			4.8 ML	0.5	0.15	209.4	10959862.000618	05.050	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-75.0	0.45	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617007	20050306.0618004	20050306.0617005	20050306	00	20050531	<>																		
P A54	HHZPG	AA0617	59.650D	L	-0.143	4.00	60.88	237.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-77.7	0.55	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617008	20050306.0617008	20050306.0617005	20050306	00	20050531	<>																		
P A54	HHNSG	AB0618	07.130	L	-0.077	1.00	60.88	237.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-77.7	0.55	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617008	20050306.0618005	20050306.0617005	20050306	00	20050531	<>																		
P A54	HHZTracXB0618	07.660	L		60.88	237.5SW			5.7xMN	0.3	0.16	16.4	1835437.030618	07.620	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-77.0	0.55	GSC	
DAN	20050306.061700	A.CNSN	20050306.0617008	20050306.0618006	20050306.0617005	20050306	00	20050531	<>																		
P A11	HHZPG	AA0618	00.780D	L	0.071	4.00	66.76	211.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-78.7	0.60	GSC	
DAN	20050306.061700	A.CNSN	20050306.0618007	20050306.0618007	20050306.0617005	20050306	00	20050531	<>																		
P A11	HHNSG	AB0618	08.770	L	-0.028	1.00	66.76	211.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-78.7	0.60	GSC	
DAN	20050306.061700	A.CNSN	20050306.0618007	20050306.0618008	20050306.0617005	20050306	00	20050531	<>																		
P A11	HHZTracXB0618	09.550	L		66.76	211.9SW			5.3xMN	-0.1	0.26	5.1	293345.030618	09.480	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-78.0	0.60	GSC	
DAN	20050306.061700	A.CNSN	20050306.0618007	20050306.0618009	20050306.0617005	20050306	00	20050531	<>																		
P DAQ	EHZPG	XB0618	07.740D	L	-0.763	0.00	115.53	282.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-83.4	1.04	GSC	
DAN	20050306.061700	A.CNSN	20050306.0618010	20050306.0618010	20050306.0617005	20050306	00	20050531	<>																		
P DAQ	EHZSG	XB0618	22.120	L	-0.214	0.00	115.53	282.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S	JL	0.0	0.00	0.00	0.0	0.0	-83.4	1.04	GSC	
DAN	20050306.061700	A.CNSN	20050306.0618010	20050306.0618017	20050306.0617005	20050306	00	20050531	<>																		

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P MRHQ	HHZTracXB0619	41.640	L		400.08	240.4SW	5.6 MN	0.2	0.36	7.0	55206.500619	41.550	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	49.0	3.60	GSC	
DAN	20050306.061700.A.CNSN						20050306.0618036	20050306.0619008	20050306.0617005	20050306.00	20050531<>													
P TRQ	EHZPN XB0618	44.380D	L	-0.803	0.00	404.65	246.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	49.1	3.64	GSC
DAN	20050306.061700.A.CNSN						20050306.0618038	20050306.0618038	20050306.0617005	20050306.00	20050531<>													
P TRQ	EHZPG XX0618	51.410	L	-3.625	0.00	404.65	246.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	-88.1	3.64	GSC
DAN	20050306.061700.A.CNSN						20050306.0618038	20050306.0618039	20050306.0617005	20050306.00	20050531<>													
P TRQ	EHZSN XX0619	29.090	L	2.725	0.00	404.65	246.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	49.4	3.64	GSC
DAN	20050306.061700.A.CNSN						20050306.0618038	20050306.0619024	20050306.0617005	20050306.00	20050531<>													
P TRQ	EHZSG XX0619	39.330	L	-3.815	0.00	404.65	246.9SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	-88.1	3.64	GSC
DAN	20050306.061700.A.CNSN						20050306.0618038	20050306.0619025	20050306.0617005	20050306.00	20050531<>													
P TRQ	EHZTracXB0619	42.370	L			404.65	246.9SW	5.7 MN	0.3	0.34	144.5	1440728.500619	42.340	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	49.0	3.64	GSC
DAN	20050306.061700.A.CNSN						20050306.0618038	20050306.0619009	20050306.0617005	20050306.00	20050531<>													
P LMN	BHZPN XB0618	47.100C	L	-1.410	0.00	431.50	117.5SE	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	49.1	3.88	GSC
DAN	20050306.061700.A.CNSN						20050306.0618040	20050306.0618040	20050306.0617005	20050306.00	20050531<>													
P LMN	BHNSN XB0619	30.575	L	-1.593	0.00	431.50	117.5SE	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	49.4	3.88	GSC
DAN	20050306.061700.A.CNSN						20050306.0618040	20050306.0619026	20050306.0617005	20050306.00	20050531<>													
P LMN	BHNSG XX0619	48.525	L	-2.133	0.00	431.50	117.5SE	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	-88.2	3.88	GSC
DAN	20050306.061700.A.CNSN						20050306.0618040	20050306.0619027	20050306.0617005	20050306.00	20050531<>													
P LMN	BHZTracXB0619	54.975	L			431.50	117.5SE	5.1 MN	-0.3	0.50	62.8	214614.000619	54.875	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	49.0	3.88	GSC
DAN	20050306.061700.A.CNSN						20050306.0618040	20050306.0619010	20050306.0617005	20050306.00	20050531<>													
P ALFO	HHZPN XB0618	51.370D	L	-0.605	0.00	459.61	241.0SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	49.1	4.13	GSC
DAN	20050306.061700.A.CNSN						20050306.0618041	20050306.0618041	20050306.0617005	20050306.00	20050531<>													
P ALFO	HHZPG XX0618	58.950	L	-4.939	0.00	459.61	241.0SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	-88.3	4.13	GSC
DAN	20050306.061700.A.CNSN						20050306.0618041	20050306.0618042	20050306.0617005	20050306.00	20050531<>													
P ALFO	HHNSN XC0619	41.660	L	3.447	0.00	459.61	241.0SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	49.4	4.13	GSC
DAN	20050306.061700.A.CNSN						20050306.0618041	20050306.0619028	20050306.0617005	20050306.00	20050531<>													
P ALFO	HHNSG XX0619	54.280	L	-4.244	0.00	459.61	241.0SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	-88.3	4.13	GSC
DAN	20050306.061700.A.CNSN						20050306.0618041	20050306.0619029	20050306.0617005	20050306.00	20050531<>													
P ALFO	HHZTracXB0620	03.060	L			459.61	241.0SW	5.4xMN	0.0	0.40	6.3	29351.530620	02.960	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	0.0	4.13	GSC
DAN	20050306.061700.A.CNSN						20050306.0618041	20050306.0620010	20050306.0617005	20050306.00	20050531<>													
P GRQ	EHZPN XB0618	53.250D	L	-1.406	0.00	481.84	256.9W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	49.1	4.33	GSC
DAN	20050306.061700.A.CNSN						20050306.0618043	20050306.0618043	20050306.0617005	20050306.00	20050531<>													
P GRQ	EHZPG XX0619	03.260	L	-4.215	0.00	481.84	256.9W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	-88.4	4.33	GSC
DAN	20050306.061700.A.CNSN						20050306.0618043	20050306.0619030	20050306.0617005	20050306.00	20050531<>													
P GRQ	EHZSN XB0619	44.610	L	1.719	0.00	481.84	256.9W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	49.4	4.33	GSC
DAN	20050306.061700.A.CNSN						20050306.0618043	20050306.0619031	20050306.0617005	20050306.00	20050531<>													
P GRQ	EHZSG XX0620	01.850	L	-2.901	0.00	481.84	256.9W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	-88.4	4.33	GSC
DAN	20050306.061700.A.CNSN						20050306.0618043	20050306.0620011	20050306.0617005	20050306.00	20050531<>													
P GRQ	EHZTracXB0620	06.500	L			481.84	256.9W	5.7 MN	0.3	0.30	164.8	1058192.500620	06.400	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	49.0	4.33	GSC
DAN	20050306.061700.A.CNSN						20050306.0618043	20050306.0620001	20050306.0617005	20050306.00	20050531<>													
P GAC	EHZPN XB0618	55.500D	L	-0.781	0.00	494.97	244.7SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	49.1	4.45	GSC
DAN	20050306.061700.A.CNSN						20050306.0618044	20050306.0618044	20050306.0617005	20050306.00	20050531<>													
P GAC	BHZPN XX0618	55.525	L	-0.756	0.00	494.97	244.7SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	49.1	4.45	GSC
DAN	20050306.061700.A.CNSN						20050306.0618044	20050306.0618045	20050306.0617005	20050306.00	20050531<>													
P GAC	EHZPG XX0619	05.330	L	-4.261	0.00	494.97	244.7SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	-88.5	4.45	GSC
DAN	20050306.061700.A.CNSN						20050306.0618044	20050306.0619032	20050306.0617005	20050306.00	20050531<>													
P GAC	BHZPG XX0619	05.350	L	-4.241	0.00	494.97	244.7SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	-88.5	4.45	GSC
DAN	20050306.061700.A.CNSN						20050306.0618044	20050306.0619033	20050306.0617005	20050306.00	20050531<>													
P GAC	EHZSN XC0619	47.180	L	1.455	0.00	494.97	244.7SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	49.4	4.45	GSC
DAN	20050306.061700.A.CNSN						20050306.0618044	20050306.0619034	20050306.0617005	20050306.00	20050531<>													
P GAC	BHNSN XX0619	48.100	L	2.375	0.00	494.97	244.7SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S JL	0.0	0.00	0.00	0.0	0.0	49.4	4.45	

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P BRCO	HHNLG	XX0622	14.600	L	-11.548	0.00	986.72	251.0W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	-89.2	8.87	GSC	
DAN		20050306.061700.A.CNSN																								
P BRCO	HHZTracXB0622	23.700	L				986.72	251.0W	5.8XMN	0.4	0.28	8.8	19163.530622	23.580	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	8.87	GSC
DAN		20050306.061700.A.CNSN																								
P VIMO	HHZPN	XX0620	11.440	L	-4.090	0.00	1144.83	304.7NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	10.30	GSC
DAN		20050306.061700.A.CNSN																								
P VIMO	HHESN	XX0622	03.250	L	-0.741	0.00	1144.83	304.7NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	10.30	GSC
DAN		20050306.061700.A.CNSN																								
P VIMO	HHELG	XX0623	00.810	L	-9.620	0.00	1144.83	304.7NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	10.30	GSC
DAN		20050306.061700.A.CNSN																								
P VIMO	HHZTracXB0623	12.280	L				1144.83	304.7NW	5.5XMN	0.1	1.02	4.9	15316.530623	12.080	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	10.30	GSC
DAN		20050306.061700.A.CNSN																								
P KUQ	EHZPN	XX0620	14.710	L	-2.307	0.00	1157.00	3.9N	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	10.41	GSC
DAN		20050306.061700.A.CNSN																								
P KUQ	EHZSN	XX0622	05.850	L	-0.735	0.00	1157.00	3.9N	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	10.41	GSC
DAN		20050306.061700.A.CNSN																								
P KUQ	EHZLG	XX0623	06.860	L	-6.979	0.00	1157.00	3.9N	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	10.41	GSC
DAN		20050306.061700.A.CNSN																								
P KUQ	EHZTracXB0623	32.550	L				1157.00	3.9N	4.9 MN	-0.5	0.54	85.7	36787.000623	32.030	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	10.41	GSC
DAN		20050306.061700.A.CNSN																								
P PLIO	HHZPN	XX0620	21.610	L	-2.833	0.00	1217.97	241.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	10.95	GSC
DAN		20050306.061700.A.CNSN																								
P PLIO	HHNSN	XX0622	19.190	L	-0.350	0.00	1217.97	241.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	10.95	GSC
DAN		20050306.061700.A.CNSN																								
P PLIO	HHNSG	XX0623	18.920	L	-11.996	0.00	1217.97	241.5SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	10.95	GSC
DAN		20050306.061700.A.CNSN																								
P PLIO	HHZTracXB0623	27.480	L				1217.97	241.5SW	5.5XMN	0.1	0.80	3.0	7064.030623	27.280	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	10.95	GSC
DAN		20050306.061700.A.CNSN																								
P PNPO	HHZPN	XX0620	21.780	L	-4.505	0.00	1233.14	280.5W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	11.09	GSC
DAN		20050306.061700.A.CNSN																								
P PNPO	HHNSN	XX0622	19.580	L	-3.175	0.00	1233.14	280.5W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	11.09	GSC
DAN		20050306.061700.A.CNSN																								
P PNPO	HHNSG	XX0623	28.000	L	-7.166	0.00	1233.14	280.5W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	11.09	GSC
DAN		20050306.061700.A.CNSN																								
P PNPO	HHZTracXB0623	31.130	L				1233.14	280.5W	5.5XMN	0.1	1.04	1.7	5456.030623	30.780	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	11.09	GSC
DAN		20050306.061700.A.CNSN																								
P GTO	EHZPN	XB0620	28.510	L	-4.002	0.00	1284.31	286.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	11.55	GSC
DAN		20050306.061700.A.CNSN																								
P GTO	EHZSN	XC0622	33.750	L	0.132	0.00	1284.31	286.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	11.55	GSC
DAN		20050306.061700.A.CNSN																								
P GTO	EHZLG	XX0623	43.580	L	-5.919	0.00	1284.31	286.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	11.55	GSC
DAN		20050306.061700.A.CNSN																								
P GTO	EHZTracXB0623	53.050	L				1284.31	286.3W	5.5 MN	0.1	0.56	81.8	125683.000623	52.880	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	11.55	GSC
DAN		20050306.061700.A.CNSN																								
P SILO	HHZPN	XC0620	29.160	L	-4.891	0.00	1296.80	310.9NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	11.66	GSC
DAN		20050306.061700.A.CNSN																								
P SILO	HHESN	XC0622	33.690	L	-2.613	0.00	1296.80	310.9NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	11.66	GSC
DAN		20050306.061700.A.CNSN																								
P SILO	HHELG	XX0623	42.500	L	-10.496	0.00	1296.80	310.9NW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	11.66	GSC
DAN		20050306.061700.A.CNSN																								
P SILO	HHZTracXB0623	50.570	L				1296.80	310.9NW	5.5XMN	0.1	1.18	4.2	14528.030623	50.280	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	11.66	GSC
DAN		20050306.061700.A.CNSN																								
P TBO	EHZPN	XX0620	50.000	L	-4.300	0.00	1463.08	281.2W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	13.16	GSC
DAN		20050306.061700.A.CNSN																								
P TBO	EHZSN	XX0623	11.610	L	-0.023	0.00	1463.08	281.2W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	13.16	GSC
DAN		20050306.061700.A.CNSN																								
P TBO	EHZTracXB0624	57.770	L				1463.08	281.2W	5.3XMN	-0.1	0.80	48.9	48876.030624	57.740	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	13.16	GSC
DAN		20050306.061700.A.CNSN																								
P LDIO	HHZPN	XX0620	50.390	L	-5.277	0.00	1474.32	283.5W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	13.26	GSC
DAN		20050306.061700.A.CNSN																								
P LDIO	HHESN	XX0623	08.920	L	-5.098	0.00	1474.32	283.5W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	13.26	GSC
DAN		20050306.061700.A.CNSN																								
P LDIO	HHELG	XX0624	32.390	L	-10.330	0.00	1474.32	283.5W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00S1L	0.0	0.00	0.00	0.0	0.0	0.0	0.0	13.26	GSC
DAN		20050306.061700.A.CNSN																								
P LDIO	HHZTracXB0624	46.930	L				1474.32	283.5W	5.6XMN	0.2	0.94	1.9	4716.030624	46.590	0.00	0.										

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P HSMO	HHNSN	AX0834	17.510	L	-0.546	0.00	695.13	273.3W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	49.4	6.25	GSC
DAN		20060407.083036.A.CNSN											20060407.0833059	20060407.0834034	20060407.0831002	20060407	00	20060407<>								
P HSMO	HHZTracYB0835	01.680	L				695.13	273.3W	4.1 MN	0.0	0.42	11.9	1680.500835	03.070	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	0.0	6.25	GSC
DAN		20060407.083036.A.CNSN											20060407.0833059	20060407.0835004	20060407.0831002	20060407	00	20060407<>								
P KILO	HHZPN	AX0833	10.220	L	-2.058	0.00	703.04	283.6W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	49.1	6.32	GSC
DAN		20060407.083036.A.CNSN											20060407.0833060	20060407.0833060	20060407.0831002	20060407	00	20060407<>								
P KILO	HHNSN	AX0834	19.970	L	0.231	0.00	703.04	283.6W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	49.4	6.32	GSC
DAN		20060407.083036.A.CNSN											20060407.0833060	20060407.0834035	20060407.0831002	20060407	00	20060407<>								
P KILO	HHNLG	AX0834	53.900	L	-4.716	0.00	703.04	283.6W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	-88.0	6.32	GSC
DAN		20060407.083036.A.CNSN											20060407.0833060	20060407.0834036	20060407.0831002	20060407	00	20060407<>								
P KILO	HHZTracYB0834	57.120	L				703.04	283.6W	4.0 MN	-0.1	0.36	13.9	1302.000835	00.910	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	0.0	6.32	GSC
DAN		20060407.083036.A.CNSN											20060407.0833060	20060407.0834037	20060407.0831002	20060407	00	20060407<>								
P BUKO	HHZPN	AX0833	12.600	L	-1.750	0.00	720.03	255.9W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	49.1	6.48	GSC
DAN		20060407.083036.A.CNSN											20060407.0833061	20060407.0833061	20060407.0831002	20060407	00	20060407<>								
P BUKO	HHESN	AX0834	23.820	L	0.467	0.00	720.03	255.9W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	49.4	6.48	GSC
DAN		20060407.083036.A.CNSN											20060407.0833061	20060407.0834038	20060407.0831002	20060407	00	20060407<>								
P BUKO	HHELG	AX0834	55.770	L	-7.602	0.00	720.03	255.9W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	-88.0	6.48	GSC
DAN		20060407.083036.A.CNSN											20060407.0833061	20060407.0834039	20060407.0831002	20060407	00	20060407<>								
P BUKO	HHZTracYB0835	05.590	L				720.03	255.9W	4.3 MN	0.2	0.54	4.6	1046.000835	06.100	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	0.0	6.48	GSC
DAN		20060407.083036.A.CNSN											20060407.0833061	20060407.0835005	20060407.0831002	20060407	00	20060407<>								
P GBN	HHZPN	AX0833	14.820	L	0.156	0.00	722.36	104.4E	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	49.1	6.50	GSC
DAN		20060407.083036.A.CNSN											20060407.0833062	20060407.0833062	20060407.0831002	20060407	00	20060407<>								
P GBN	HHNSN	AX0834	25.350	L	1.450	0.00	722.36	104.4E	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	49.4	6.50	GSC
DAN		20060407.083036.A.CNSN											20060407.0833062	20060407.0834040	20060407.0831002	20060407	00	20060407<>								
P GBN	HHNLG	AX0835	06.800	L	2.777	0.00	722.36	104.4E	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	-88.0	6.50	GSC
DAN		20060407.083036.A.CNSN											20060407.0833062	20060407.0835006	20060407.0831002	20060407	00	20060407<>								
P BINY	BHZPN	AX0833	14.275	L	-0.389	0.00	722.76	219.2SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	49.1	6.50	GSC
DAN		20060407.083036.A.CNSN											20060407.0833063	20060407.0833063	20060407.0831002	20060407	00	20060407<>								
P BINY	BHNSN	AX0834	26.425	L	-2.523	0.00	722.76	219.2SW	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	49.4	6.50	GSC
DAN		20060407.083036.A.CNSN											20060407.0833063	20060407.0834041	20060407.0831002	20060407	00	20060407<>								
P BINY	BHZTracYB0835	13.375	L				722.76	219.2SW	3.9 MN	-0.2	0.70	5.3	720.500835	12.475	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	0.0	6.50	GSC
DAN		20060407.083036.A.CNSN											20060407.0833063	20060407.0835007	20060407.0831002	20060407	00	20060407<>								
P RSPO	HHZPN	AX0833	13.270	L	-1.744	0.00	725.43	261.9W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	49.1	6.52	GSC
DAN		20060407.083036.A.CNSN											20060407.0833064	20060407.0833064	20060407.0831002	20060407	00	20060407<>								
P RSPO	HHNSN	AX0834	24.610	L	0.099	0.00	725.43	261.9W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	49.4	6.52	GSC
DAN		20060407.083036.A.CNSN											20060407.0833064	20060407.0834042	20060407.0831002	20060407	00	20060407<>								
P RSPO	HHZTracYB0835	05.900	L				725.43	261.9W	4.3 MN	0.2	0.40	6.3	1052.000835	04.520	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	0.0	6.52	GSC
DAN		20060407.083036.A.CNSN											20060407.0833064	20060407.0835008	20060407.0831002	20060407	00	20060407<>								
P SADO	BHZPN	AX0833	14.125	L	-1.610	0.00	731.33	249.8W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	49.1	6.58	GSC
DAN		20060407.083036.A.CNSN											20060407.0833065	20060407.0833065	20060407.0831002	20060407	00	20060407<>								
P SADO	BHESN	AX0834	26.750	L	0.980	0.00	731.33	249.8W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	49.4	6.58	GSC
DAN		20060407.083036.A.CNSN											20060407.0833065	20060407.0834043	20060407.0831002	20060407	00	20060407<>								
P SADO	BHELG	AX0835	00.600	L	-5.934	0.00	731.33	249.8W	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	-88.1	6.58	GSC
DAN		20060407.083036.A.CNSN											20060407.0833065	20060407.0835009	20060407.0831002	20060407	00	20060407<>								
P SADO	BHZTracXB0835	07.650	L				731.33	249.8W	4.2 MN	0.1	0.45	69.8	11370.500835	05.250	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	49.0	6.58	GSC
DAN		20060407.083036.A.CNSN											20060407.0833065	20060407.0835001	20060407.0831002	20060407	00	20060407<>								
P LG4Q	EHZPN	AX0833	16.900	L	-0.104	0.00	741.67	341.0N	X	0.0	0.00	0.0	0.000000	00.000	0.00	0.00	0.00	JAD	0.0	0.00	0.00	0.0	0.0	49.1	6.67	GSC
DAN		20060407.083036.A.CNSN											20060407.0833066	20060407.0833066	20060407.0831002	20060407	00	20060407<>								
P LG4Q	EHZSN	AX0834	27.450	L	-0.534	0.00	741.67	341.0N	X	0.0	0.00															

