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**SPATIO-TEMPORAL DYNAMICS OF A MULTIPLE PREDATOR-SINGLE
PREY SYSTEM**

A Thesis in

Ecology

by

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ABSTRACT

Classical niche theory states that coexisting species minimize competition by specializing on alternative prey species or by spatio-temporally partitioning a shared prey item. Most studies of interspecific coexistence have focused on divergent prey choice among predators. Numerous examples from predator guilds in the Serengeti and South American systems support a diverse suite of carnivores due to a variety of prey. In contrast, the study system researched in this thesis is unique as it contains a principle prey species, the moose (*Alces alces*) shared by several predators: black bears (*Ursus americanus*), brown bears (*Ursus arctos*), and gray wolves (*Canis lupus*). More typically in boreal regions of the sub-Arctic where these three predators coexist, there are at least two species of large herbivores upon which they prey: moose and caribou (*Rangifer tarandus*), and in some areas Dall sheep (*Ovis dalli dalli*). My research focused on the area surrounding the lowland village of McGrath in southwestern interior Alaska. The goal of this research was to document the movement patterns and habitat use of black bears in relation to seasonally abundant moose calves and competing predators, including other black bears, brown bears, and gray wolves.

Twenty black bears were fitted with global positioning system (GPS)– collars, and their movements were monitored from 2002-2003. Concomitant with my study, the Alaska Department of Fish and Game (ADFG) had been performing an on-going study of moose calf mortality in the area, which provided data on spatial and temporal distribution of birth- and mortality-sites of moose calves. I investigated whether black bears, brown bears, and gray wolves displayed differential patterns of moose calf predation in time and

space, as predicted by niche theory. Results suggest that black bears and brown bears exhibit temporal overlap but spatial separation of the moose calf resource during moose parturition. Additionally, both bear species demonstrated spatial and temporal separation from gray wolves in 2001 and 2002.

In a related study, I investigated the movement patterns and habitat use of black bears in relation to those of their prey. I analyzed the movements of GPS-collared black bears from den exit through the period during which most moose calf mortality due to predation occurred in 2003. The intent of this analysis was to document whether black bears move toward areas where newborn moose calves would most likely be encountered. Average daily distances indicated that black bears moved closer to probable moose calf areas as the onset of parturition approached. Habitat use surrounding den-sites and moose calving-sites indicates overall similarity between black bears and moose calves in use of needleleaf forest, primarily evergreen forests composed of black spruce (*Picea mariana*) and white spruce (*Picea glauca*). Encounter rates between black bears and moose calves may increase following den emergence, as use of forested habitat by predator and prey increase.

Finally, I investigated the patterns of habitat use between sympatric black bears and brown bears during the peak and non-peak periods of their predation on moose calves. Using information on moose calf mortality collected by ADFG in 2001-2002, I focused on habitat use by GPS-collared black bears in 2002. Analyses were performed on the two most frequent habitats where black bears and brown bears killed moose calves: needleleaf forest and mixed-deciduous forest. The objective of this analysis was to determine whether these coexisting ursid species overlap or avoid each other during

the critical period of moose calf development surrounding parturition. Locations of collared black bears were analyzed according to periods of peak black bear and brown bear predation on moose calves in 2001 and 2002. Overall, GPS-collared black bears overlapped in habitat use with both conspecific black bears and brown bears during the peak period of predation by each species on moose calves in 2001 and 2002. In contrast, black bears used preferred habitats of other predators less than expected during the non-peak moose calf predation period. Sex-specific analyses suggest that males have a tendency to overlap with other predators during the peak predation season, whereas females avoid conspecifics and brown bears. When black bear and brown bear predation was low, both sexes of black bears used needleleaf and mixed-deciduous forest less than expected. Age-specific analyses indicated that during the peak of both black bear and brown bear predation, juvenile black bears exhibited habitat overlap with conspecific black bears in both years and brown bears in 2002.

Results from this study demonstrate that black bears have a propensity to emerge from den-sites and descend upon likely moose calving areas. Evidence of conspecific black bear and competing brown bear overlap during the peak predation period, further supports the notion that a brief pulse of moose calf abundance may attenuate competition and promote coexistence among ursids in this sub-Arctic system.

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Chapter 1

Introduction

Predation is widely studied in terrestrial systems, but most often from the point of view of prey behavior and dynamics (Fitzgibbon 1993, Linnell et al. 1995, Mattson 1997). Estes and Estes (1979), for example, described breeding synchrony and gregarious behavior of maternal wildebeest (*Connochaetes taurinus*) as adaptations for escaping predation by spotted hyena (*Crocuta crocuta*). Likewise, Krebs et al. (1995) investigated the effects of excluding terrestrial predators on dynamics of snowshoe hares (*Lepus americanus*), and noted that population cycles in the boreal forest resulted not only from predation pressure but also from altered feeding behaviors as a result of predation risk. Direct predation and behaviorally-mediated predation risk have become the subject of much investigation (Huang and Sih 1991, Peacor and Werner 1997, Schmitz and Blake-Suttle 2001, Schmitz et al. 2004), and have led to further interest in top-down effects in ecosystem dynamics (Power 1992, Moran et al. 1996, Krivan and Schmitz 2004).

Predation among sympatric canids has been under scrutiny recently, in part because of the increasing range of coyote (*Canis latrans*) into areas where they are displacing more common endemics such as red foxes (*Vulpes vulpes*) and kit foxes (*Vulpes macrotis*) (Sargeant et al. 1987, Sargeant and Allen 1989, Theberge and Wedeles 1989). Theberge and Wedeles (1989) compared habitat partitioning between red foxes and coyotes during predation on their primary prey, the snowshoe hare. Findings from their study suggest that during the peak of the prey cycle, both coyotes and red foxes

experienced maximum dietary overlap. However, as hares decline in abundance, red foxes become catholic in their prey selection, while coyotes maintain hares as their principle prey. Spatial differences in habitat use explain the less opportunistic diet of coyotes, as preferred edges contain greater abundances of hares than the preferred interior shrub habitat of red foxes. Similarly, Koehler and Hornocker (1991) compared resource use among three sympatric predators, mountain lion (*Felis concolor*), bobcat (*Lynx rufus*), and coyote, and offered differential habitat use and predator size differences as a factor contributing to prey partitioning. Overlap among the three predators in that study was more apparent during winter months when prey congregated in lowland areas. Other evidence indicates that in spring, summer, and fall, mountain lions consume larger ungulate prey (e.g., elk [*Cervus elephas*], mule deer [*Odocoileus hemionus*], and bighorn sheep [*Ovis Canadensis*]) than do smaller body-sized bobcat and coyote that prefer small mammals (Koehler and Hornocker 1991). The varied hunting habits of mammalian predators (e.g., cooperative, solitary) documented in those studies have provided the basis for further studies of sympatric carnivores that rely seasonally on principle prey items.

In many systems, primary prey is not only subject to risk from natural predators but also from hunters. A primary prey item can be defined as that which comprises the largest dietary percentage of the predator resource base. Game management policies and adaptive management plans are frequently governed by the need to meet subsistence demands of native villagers (Franzmann and Schwartz 1997). However, in many remote Alaskan villages, where game may be in high demand, or for economic or logistical reasons, the diets of villagers cannot readily be supplemented with commercially-available meat, the importance of understanding predator-prey dynamics is paramount

not only for subsistence reasons, but also for preserving the biological viability of local wildlife populations and their habitats. In an attempt to understand causes of moose (*Alces alces*) calf mortality, wildlife biologists from the Alaska Department of Fish and Game began an intensive 4 year moose calf mortality study to determine their key mortality factors. Intensive moose calf collaring and daily monitoring during the critical period of calf birth identified predation as a major factor limiting moose calf survival (Keech and Boudreau 2003). This body of research was undertaken in Game Management Unit 19D, near McGrath, Alaska (Fig. 1.1), in the southwestern interior portion of the state to investigate the predation patterns of a key species in the sub-Arctic predator guild, black bear (*Ursus americanus*) during a critical period in moose calf development.

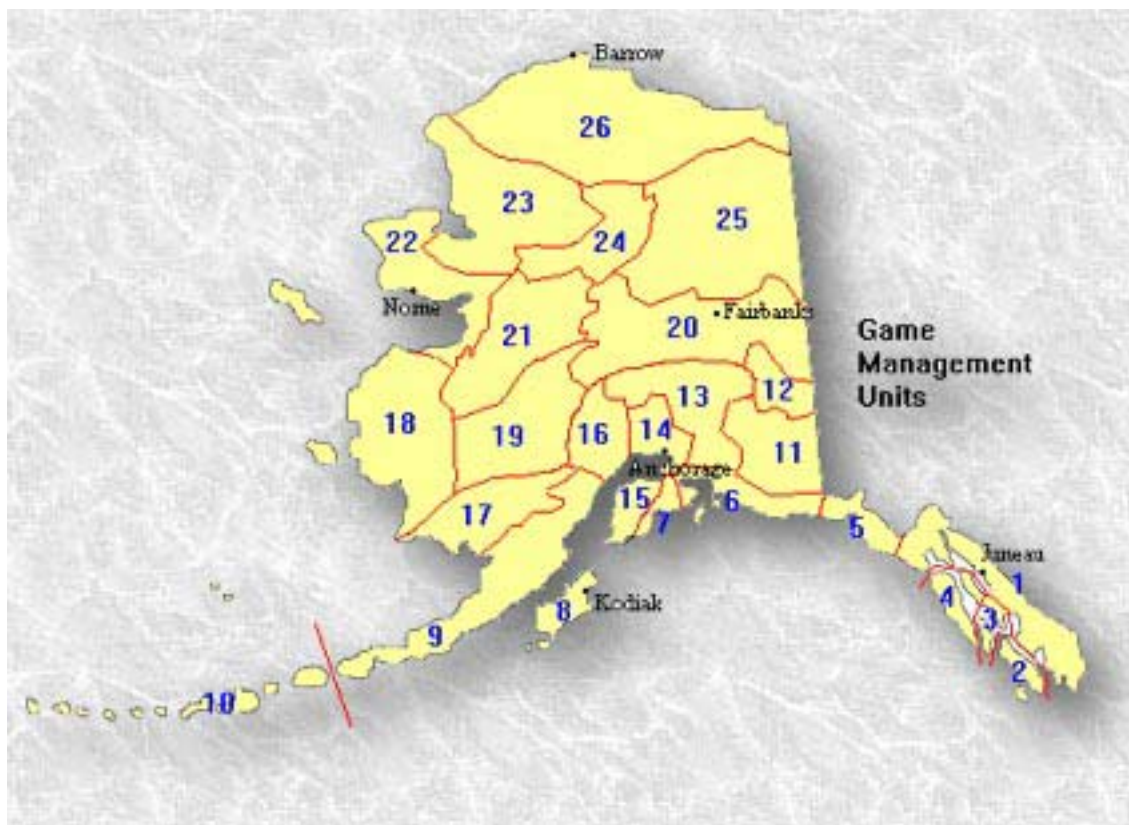


Figure 1.1. Map of the state of Alaska indicating Game Management Units (GMUs). McGrath, Alaska, is located in Game Management Unit (GMU 19D) in southwestern interior Alaska.
(map source: www.deltana.com/popups/alaska_game_management_units.htm)

The village of McGrath lies along a confluence of the Kuskokwim River at the mouth of the Takotna River, where stretches of riparian habitat provide stands of willow (*Salix sp.*) for moose (Boudreau 2000). Within the past 10 years, there has been a steady decline in the number of adult moose reported in the area and ADFG biologists began investigating the causes of this decline during the early 90's (Boudreau 2000). In large herbivores, such as moose, caribou (*Rangifer tarandus*), and white-tailed deer (*Odocoileus virginianus*), juvenile mortality is most likely the primary limiting factor (Skogland 1991, Gasaway et al. 1992, Messier 1994, Saether 1997, Gaillard et al. 1998). Even in populations lacking predators, such as Soay sheep (*Cervus aries*) and red deer (*Cervus elaphus*) on the island of Rhum, juvenile mortality during the summer is the key limiting factor (Clutton-Brock et al. 1985, Clutton-Brock et al. 1992). Limitation in predator-free systems may be the result of environmental stochasticity indirectly acting on newborn ungulates; whereas in systems diverse in predator species direct predation on neonates reduces calf recruitment (Linnell et al. 1995, Saether 1997). Hence, investigations into sources of moose calf mortality in Game Management Unit (GMU) 19D-east commenced in 2001 to assess whether predation was limiting moose calf survival. Two years of moose calf mortality data were analyzed before predation by black bears was indicated as the major factor limiting moose calf recruitment (Keech and Boudreau 2003)

Complex predator guilds have been investigated in the context of resource partitioning among predators in numerous systems, including sympatric red fox (*Vulpes*

vulpes) and wild cat (*Felis sylvestris*) on the Iberian peninsula, large felids (e.g., lion [*Panthera leo*], leopard [*Panthera pardus*], cheetah [*Acinonyx jubatus*]), and mustelids on the British and Irish isles (e.g., weasel [*Mustela nivalis*], stoat [*Mustela erminea*], pine marten [*Martes martes*], and mink [*Mustela vison*]) where coexistence is facilitated through divergence in prey-size preference and character displacement (McDonald 2002, Sinclair et al. 2003, Carvalho and Gomes 2004). In many parts of Alaska, there are three principal large predator species, specifically black bear, brown bear (*Ursus arctos*), and gray wolf (*Canis lupus*). Species of the omnivorous bear family exhibit a catholic diet, whereas wolves exhibit strictly carnivorous dietary habits (Gittleman 1989). For 6-8 months, wolves experience less competition with bears for ungulate prey until late April when bears emerge from dens. Because upon den emergence, bears have not consumed plant or animal matter for a substantial period, they must go through a period of dietary acclimation (hypophagia) before consuming animal tissue (Rogers 1976, Nelson and Beck 1984, McLoughlin et al. 2002). Concurrently, within the same month, cow moose migrate to lowland areas with ample food and cover in preparation for parturition (Hauge and Keith 1981, Bowyer et al. 1999). As a consequence, both bears and female moose may use the same habitats during the season of parturition, which may increase the likelihood of encounters between the two species. A major focus of my thesis research therefore concerns the distribution of and movement patterns exhibited by black bears after they exit their dens and through the period of moose parturition.

Some research suggests that black bears track phenological pulses of food availability as indicated by their movements and habitat-use patterns (Beeman and Pelton 1980). For example, a study conducted in the Great Smoky Mountains National Park

indicated that bear distribution was limited mainly to the clumped distribution of mast and berry crops (Garshelis and Pelton 1981), whereas studies conducted in southwestern Alberta and Alaska suggest bears move to lowlands during peaks in availability of spring vegetation and moose calves (Holcroft and Herrero 1991, Franzmann and Schwartz 1997). Similarly, Garner and Vaughan (1986) observed black bears tracking the phenology of fruit in Shenandoah National Park, suggesting that home-sites were often abandoned in search of high-energy foods.

Competition among predators can be minimized by means of character displacement, avoidance, territoriality, prey switching, or resource partitioning (Brown and Davidson 1977, Davidson 1978, Emmons 1980, Begon et al. 1996). Character displacement among sympatric mustelids has resulted in morphological differences in canine size as a means to coexist on shared prey (McDonald 2002). In areas with numerous prey species, such as in the Serengeti of Africa, predators such as cheetahs exhibit spatio-temporal avoidance of lions and spotted hyenas by hunting in lower prey density patches (Durant 1998, 2000). Lions in the Serengeti minimize competition by remaining territorial and increasing the distance between conspecifics (Schaller 1972). However in the sub-Arctic system where my study was conducted, bears do not exhibit territoriality as a means to coexist. In addition, there are no species of alternative large prey among which bears and gray wolves may switch to minimize competition, which highlights the unique potential of this study.

Chapter two of this thesis concerns black bear, brown bear, and gray wolf partitioning of a seasonal pulse of moose calves during the spring of 2001 and 2002. In this study, I investigated partitioning of time and space by black bears, brown bears, and

gray wolves, according to their patterns of predation on moose calves. Since its inception, the concept of the niche has most often been associated with the works of Hutchinson (1957), and has been the subject of numerous interpretations (Elton 1927, 1933, Whittaker et al. 1973, Simberloff and Boecklen 1981). A niche can be defined as an n-dimensional hypervolume in which species are arranged on axes according to abiotic conditions and resource requirements (Hutchinson 1957). Biotic factors, such as conspecifics or competitors have the potential to constrain the fundamental niche of a species into a realized niche (Hutchinson 1978). Perhaps the most notable niche research was that on warblers in New England forests, where coexistence of multiple species was facilitated by differential feeding strategies (MacArthur 1958). The crux of the niche concept lies in the notion that if two species are alike in one particular niche dimension, they must segregate along another in order to coexist (MacArthur and Levins 1967). In essence, niche complementarity results from segregation of realized niches along a continuum of time and space. The lack of niche overlap results from intense interspecific competition for resources and is most commonly observed among members of the same guild. A guild, as it relates to the niche concept, is a group of species exploiting a shared resource in a similar manner (Begon et al. 1996).

Carvalho & Gomes (2004) studied niche partitioning among red foxes, wild cats, genets (*Genetta genetta*), and stone marten on prey of wood mice (*Apodemus sylvaticus*), common voles (*Microtus lusitanicus*), Iberian moles (*Talpa occidentalis*), and European rabbits (*Orytolagus cuniculus*). They noted differential predator size may promote various degrees of feeding specialization, and larger predators may have more catholic diets than smaller species, which must therefore specialize on smaller prey (Carvalho and

Gomes 2004). Similarly, the predator guild in central Brazil, consisting of maned wolves, (*Chrysocyon brachyurus*), crab-eating foxes (*Dusicyon thous*), and hoary foxes (*Dusicyon vetulus*), coexist by consuming a large array of food items, including fruits, insects, birds, reptiles, and mammals (Jacomio et al. 2004). The degree of morphological specialization and size differences among Brazilian canids promote different habitat preferences, resulting in differential prey consumption. In the paper presented in Chapter two, I investigated the spatio-temporal niche partitioning of seasonally abundant moose calves among black bears, brown bears, and gray wolves. Univariate analyses provide evidence for temporal overlap and spatial segregation between black bears and brown bears in predation of moose calves, whereas spatio-temporal segregation between ursids from canids is observed.

In chapter three of this thesis, I investigated the post-denning movements and habitat use of black bears in spring 2003 as they relate to the spatial distribution of moose calves during parturition. In fall, black bears locate den-sites in lowland forests, whereas brown bears select highlands for den-sites (Linnell et al. 2000). Choice of den-sites has numerous implications for survival of both adults and cubs. Bears may have to travel great distances to locate forage upon emergence from dens (Beeman and Pelton 1980, Eagle and Pelton 1983, Green et al. 1997). Also, females with cubs have additional energetic demands that may limit their foraging ability and restrict them to smaller more high-quality ranges (Podruzny et al. 2002). Numerous studies have focused on seasonal feeding habits of bears as they capitalize on synchronized pulses of prey such as spawning salmon (*Oncorhynchus sp.*), hardwood mast, berry crops, and moose calves (Hatler 1972, Eagle and Pelton 1983, Boileau et al. 1994, Hilderbrand et al. 1999a, Gende

et al. 2004). Bears possess a keen sense of olfaction and memory of local areas that may facilitate location of prey (Rogers 1986, 1987, Gittleman 1989). Studies have suggested that return to high-quality food patches within a home-site occurs due to memory of positive energy gains, as seen with nuisance black bears (Garner and Vaughan 1986, Massopust and Anderson 1984). Relocation studies of black bears have documented several males returning from distances up to 220 km back to their original capture locations (Rogers 1986, 1987, Linnell et al. 1997). I assessed whether black bears that were GPS-collared may focus their movements on locating moose calves as moose parturition approaches. Patterns of habitat use and daily movement provide evidence that black bears converge on habitat equally used by parturient moose. The shared demand for high-energy foods by both predator and prey most likely explains their similar habitat-use patterns.

Finally, in chapter four, I investigated spring and summer habitat use of black bears that were GPS-collared in relation to peak and non-peak predation periods of conspecifics and brown bears on moose calves. Interspecific competition is an interaction difficult to document in natural systems, especially between secretive predators such as black bears and brown bears in Alaska. In order to quantify competition, scientists must first identify that a species is negatively affecting the survival or reproduction of another species and that shared resources are limited (Begon et al. 1996). However in natural systems, it is difficult to accurately assess competition among secretive predators; moreover it is potentially unfeasible to account for all resources shared among species (MacArthur 1958). Thus, focusing studies on seasonal use of resources may alleviate some of the constraints of studies among members of a predator guild, where seasonal

resource pulses may be more readily identifiable. Data presented in Chapter four are actual daily locations of GPS-collared black bears representative of habitat-use patterns, as opposed to using moose calf mortality-sites resulting from other black bears as indicators of predator presence (Chapter 2). Additionally, habitat use by GPS-collared black bears discussed in chapter three occurs from den exit in 2003 until recapture in may-June 2003, whereas that in Chapter four covers initial spring capture through the end of the summer season in 2002.

Resource partitioning resulting from differential feeding among predators, because of prey-size constraints and preferences (Brown and Davidson 1977, Woodward and Hildrew 2002, Carvalho and Gomes 2004) have been reported in numerous systems. Additionally, predator-specific foraging styles have been suggested to reduce intra- and interspecific negative interactions among predators (Koehler 1991). Similarly, coexistence of predators has been identified in studies comparing coursing versus ambush or sit-and-wait predators that identify specific foraging tactics lending themselves to spatio-temporal patterns of habitat use (Flynn and Ritz 1999, Husseman et al. 2003). In Chapter four, Ivlev's electivity indices were calculated to detect similarity in habitat use patterns between sexes and age classes of GPS-collared black bears in relation to habitats in which other predators are known to forage on moose calves. GPS-collared black bears use the same habitats as other black bears during the peak of black bear predatory bouts, whereas during the non-peak period of moose calf predation by both bear species, GPS-collared black bears use alternative habitats. These findings suggest that during the peak of predation, moose calves are in abundance, and competitive interactions among the predator guild are attenuated. Habitat comparisons between the sexes suggest that male

black bears use the same habitats as other bears during their peak period of foraging for moose calves, whereas females tend to use those habitats less than expected during their peak of foraging. Finally, patterns of habitat use among juvenile black bears are opposite those of adult black bears, suggestive of avoidance.

It is my aim that the body of research derived during the course of my Ph.D. studies will further enhance knowledge of predator-prey dynamics (e.g., habitat use, movement patterns) during a period when seasonally abundant resources are at a maximum. Research concerning black bear movement and habitat use patterns at fine-scale time intervals has only recently emerged in the literature due to the advances in global positioning system (GPS) technology. The results from my dissertation research will provide a more clear window into the seasonal habitat use of a secretive, forest-dwelling predator. Furthermore, information resulting from this thesis will provide background for wildlife biologists and managers in sub-Arctic systems when addressing questions regarding important seasonal black bear (e.g., den-sites, seasonal habitat use) and moose habitats (e.g. calving and mortality areas).

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Chapter 2

Spatio-Temporal Niche Partitioning Among Three Sympatric Predators in a Single-Prey System

Abstract

The manner in which species partition space and time to minimize competition for shared, limited resources has been a major focus of theoretical and empirical ecology. Although numerous examples exist of intra-guild dietary separation among co-existing species, studies of spatio-temporal niche partitioning among species sharing a single food type are rare. I investigated spatio-temporal patterns of multi-species predation on individually-marked moose (*Alces alces*) calves in an Alaskan boreal forest community where moose are the only large herbivore, and constitute the primary prey of co-existing black bears (*Ursus americanus*), brown bears (*Ursus arctos*), and gray wolves (*Canis lupus*). The two most closely related predators, black bears, and brown bears, overlapped temporally but segregated spatially in their consumption of moose calves, as indicated by univariate analyses. Moreover, both bear species segregated spatially and temporally from wolves when killing moose calves. Hence, this study appears to support key predictions of niche theory: namely, that coexisting species must differentiate in their use of a shared resource, and that overlap in the use of a shared resource along one niche dimension must be accompanied by segregation along another.

Introduction

MacArthur's (1958) warbler study played a fundamental role in defining niche theory on the basis of his observations of spatial and behavioral partitioning of shared resources by coexisting sympatric predators. Although temporal and spatial niche partitioning has been offered as an explanation for coexistence of sympatric species (McPeck 1998, Schmitz 1998, Schmitz and Blake-Suttle 2001), most studies of coexisting species foraging at the same trophic level have focused on documenting differences in food habits as a means of explaining coexistence. For instance, there are many documented examples of coexistence of multiple predators with divergent prey requirements or foraging strategies in aquatic systems (Soluk and Collins 1988, Soluk 1993, McIntosh and Townshend 1994, 1996, Soluk and Richardson 1997, Peckarsky and McIntosh 1998). McIntosh and Townshend (1996), for example, documented that native Galaxias (*Galaxias vulgaris*) and introduced brown trout (*Salmo trutta*) actively feed during different times of the day, whereas Woodward and Hildrew (2002) documented a clear relationship between body size of co-existing invertebrate stream predators and size of prey consumed.

Studies of niche separation in terrestrial systems have provided ample evidence of dietary divergence among co-existing species with numerous prey (Neale and Sacks 2001, Carvalho and Gomes 2004, Jacomo et al. 2004), but studies of niche separation among co-existing species with common food requirements are apparently rare. Schmitz

and Sokol-Hessner (2002), and numerous related studies (Schmitz and Blake-Suttle 2001, Sokol-Hessner and Schmitz 2002), however, have reported on the basis of studies in old-field invertebrate communities that coexistence among members of the predator guild is facilitated by differences in foraging behavior and locations. The relevance of the results of old-field arthropod studies to un-manipulated natural systems has been challenged (Oksanen et al. 1981, Menge and Sutherland 1987) and defended (McPeck 1998, Schmitz 1998, Persson 1999), but evidence from additional terrestrial systems would bolster the conclusions of experimental studies. Hence, I undertook a terrestrial field study aimed at investigating spatio-temporal dynamics of predation by three co-existing carnivores – black bears (*Ursus americanus*), brown bears (*Ursus arctos*), and gray wolves (*Canis lupus*) – in a unique system where they prey upon a single large herbivore, moose (*Alces alces*).

Methods

The study site lies within a 31,080 km² area of southwestern Alaska, adjacent to the Kuskokwim River (Fig. 1.1). Differences in regional topography are evident in a mosaic of mixed conifer (e.g., white spruce [*Picea glauca*], black spruce [*Picea mariana*]) paper birch (*Betula papyrifera*) forest, and black spruce muskeg. Understory vegetation is mainly ericaceous shrubs (e.g., blueberry [*Vaccinium sp.*], crowberry [*Empetrum nigrum*], Labrador tea [*Ledum groenlandicum*]) and moss (*Sphagnum sp.*).

In spring and summer 2001, the Alaska Department of Fish and Game (ADFG) deployed radio-collars (Telonics, Mesa, AZ) on 50 adult female moose for subsequent monitoring of condition, reproduction, and movement. All monitored animals were collared within a 25 km² radius of the village of McGrath, following approved wildlife capture protocols (Institutional Animal Care & Use Committee, University of Alaska, Fairbanks). Beginning in May 2001 and 2002, 66 and 81 moose calves, respectively, were radio-collared (Telonics, Mesa, AZ), and their survival was monitored daily throughout the critical period following birth (Ballard et al. 1981, Gasaway et al. 1992). Calf mortalities were located using aerial radio-telemetry, and location fixes were recorded with the on-board GPS unit of the radio-tracking aircraft and ground-truthed for collar retrieval, carcass inspection, site description, and cause of death. Calf mortalities were ascribed to predation if signs of hair, scat, or carcass disposition could be linked to a specific predator species. Aerial monitoring of calf survival continued on a bi-weekly

basis through early July, when most calves were large and had gained enough experience to effectively avoid predators (Boudreau 2001).

To assess if pooling data on spatial and temporal calf mortality from 2001 and 2002 was justifiable, non-parametric Mann-Whitney tests were performed; pooling of data maximized sample size for a subsequent non-parametric ANOVA (Siegel and Castellan 1988). Differences in timing and locations of calf mortalities among the three predators were analyzed using Kruskal-Wallis tests. However, the Kruskal-Wallis tests allowed only for gross assessment of differences among predators, but did not permit evaluation of dependence or independence in spatial and temporal patterns of predation by individual species in relation to spatial and temporal patterns of other species. Hence, I also analyzed partitioning of space and time among predators using multivariate generalized additive models (GAMs) (Hastie and Tibsharani 1990). In the GAM for each predator, I denoted either spatial locations or dates of calf mortalities by the focal predator as the dependent variable, with locations and dates of calf mortalities by the other predators as potential predictor variables. Initially, I did not assume linear relationships and tested for the significance of spline functions for each predictor variable. If the GAM output indicated no significant non-linearity, I re-ran the analyses using linear terms in generalized linear models (GLMs) with the same variables (Hastie and Tibsharani 1990, Venables and Ripley 1999). I noted that GAMs indicated only the significance of non-linearity of individual predictors as opposed to the statistical significance of the relationship among dependent and predictor variables. Therefore, the terms identified as significantly non-linear in the GAMs were tested for model

significance in the GLMs, where they were entered as non-linear quadratic terms. Significant and positive t -values from GLM outputs were interpreted as evidence of spatial or temporal overlap, whereas significant and negative t -values were indicative of spatial or temporal segregation. Non-significant t -values were interpreted as evidence of spatial or temporal independence among predators.

For the spatial analyses, habitats in which moose calf mortality-sites occurred were assigned based on the 30 m grid cell in which they were located, using ArcView GIS (vers. 3.2) (ESRI, Redlands, CA). The vegetation was derived from the 30 m Ducks Unlimited Stony-MOA vegetation grid, where 32 habitats were reclassified into 7 habitats to facilitate analyses (Fehringer, D., Ducks Unlimited, Inc., Rancho Cordova, CA). Pooling of habitats was based on the appearance of predominant microhabitats encountered over the duration of the 3 year study and in accordance with primary habitats listed in Ducks Unlimited metadata. Habitats were considered either: 1) needleleaf forest, 2) mixed-deciduous forest, 3) shrub, 4) graminoid/ sedge/ moss, 5) aquatic, 6) fire/ cloud cover, or 7) no data-not covered within grid extent (Appendix E).

Results

In 2001 and 2002, black bears foraged for moose calves mainly in mixed-deciduous forest and needleleaf forests (Figs. 2.1a, 2.2a). During 2001, brown bears used needleleaf forest, shrub, and graminoid habitats more than any other habitat, in which to forage for moose calves (Fig. 2.1b). In 2002, four moose calf mortalities attributed to brown bears fell outside the extent of the Ducks Unlimited vegetation coverage, potentially concealing use patterns (Fig. 2.2b). Based on the remaining 2002 data, brown bears killed primarily in mixed-deciduous forests (Fig. 2.2b). Gray wolves killed moose calves primarily in needleleaf forest in both years (Figs. 2.1c, 2.2c).

No differences existed between years in patterns of predation by black bears ($U = 113.5$, $P = 0.297$), brown bears ($U = 69.5$, $P = 0.086$), or gray wolves ($U = 78.0$, $P = 0.487$) on moose calves, based on pairwise Mann-Whitney tests; therefore, data were pooled for subsequent analyses.

Spatial patterns of predation on moose calves differed among the three predators ($\chi^2 = 6.151$ $d.f. = 2$; $P = 0.046$) as indicated by Kruskal-Wallis tests (Appendix C). Pairwise spatial comparisons revealed lack of spatial segregation between black bears and brown bears ($\chi^2 = 0.62$ $d.f. = 1$; $P = 0.431$), but segregation between gray wolves and brown bears ($\chi^2 = 5.046$ $d.f. = 1$; $P = 0.025$), and between black bears and gray wolves ($\chi^2 = 3.957$ $d.f. = 1$; $P = 0.047$). Use of space by black bears, however, indicated independence from brown bears ($t = 0.032$ $d.f. = 24$; $P > 0.5$) and gray wolves ($t = 0.939$ $d.f. = 24$; $P > 0.2$) in GLM analysis. Similarly, brown bear space use revealed no

relationship with patterns of space use by black bears ($t = 0.009$ *d.f.* = 24; $P > 0.5$) or gray wolves ($t = -0.394$ *d.f.* = 24; $P > 0.5$) in GLM analysis. Finally, space use by gray wolves was independent of those of black bears ($t = 0.528$ *d.f.* = 24; $P > 0.5$) and brown bears ($t = -0.540$ *d.f.* = 24; $P > 0.5$).

Black bears killed moose calves during early parturition, with black bear predation peaking between days 150-160, and persisting through day 200 (Fig. 2.3a). Timing of predation by brown bears on moose calves overlapped that by black bears, but began later, peaked earlier, and ended sooner (Fig. 2.3b). Timing of predation on moose calves by gray wolves overlapped that of both bear species, but persisted later in the season (Fig. 2.3c).

Furthermore, black bears killed moose calves earlier than other predators, beginning on day 143 (Fig. 2.4a). These histograms suggest a transition from black bear to brown bear-induced moose calf mortalities during the middle of the season between day 150-180 (Fig. 2.4b). In contrast, predation on moose calves by gray wolves in 2002 occurred later and persisted longer than predation by the other two predators (Fig. 2.4c)

Lack of temporal segregation among the three predators ($\chi^2 = 4.76$ *d.f.* = 2; $P = 0.093$) resulted from Kruskal-Wallis tests of pooled data (Appendix C). Temporal overlap between black bears and brown bears ($\chi^2 = 0.392$ *d.f.* = 1; $P = 0.531$), overlap between black bears and gray wolves ($\chi^2 = 2.672$ *d.f.* = 1; $P = 0.102$), but segregation between

brown bears and gray wolves ($\chi^2 = 4.225$ *d.f.* = 1; $P = 0.040$) is evidenced in pairwise Kruskal-Wallis tests.

Overlap with brown bears ($t = 4.082$ *d.f.* = 26; $P < 0.050$), but independence from gray wolves ($t = -1.157$ *d.f.* = 26; $P > 0.200$) resulted from a GLM of temporal patterns of black bear predation. Likewise temporal overlap with black bears ($t = 3.556$ *d.f.* = 26; $P < 0.050$), and independence from gray wolves ($t = 1.293$ *d.f.* = 26; $P > 0.200$) is evidenced by a GLM of temporal patterns of brown bears. Finally, the GLM of gray wolf predation indicated no relation to predation by black bears ($t = -0.484$ *d.f.* = 24; $P > 0.500$) or brown bears ($t = 0.586$ *d.f.* = 24; $P > 0.500$).

Discussion

Niche theory predicts that when sympatric species overlap in use of a shared resource along one dimension, they must differ along another to coexist (Hutchinson 1957, MacArthur 1958). In accordance with this concept of niche complementarity, co-existing species often display different food needs or feeding habits (Cody 1968, Schoener 1974, Emmons 1980, Pyke 1982, McKenzie and Rolfe 1986). Typically, intra-guild differences in body size are reflected in differential preferences for food size, such that larger and smaller predators select for larger and smaller prey, respectively (Brown and Davidson 1977, Davidson 1978). Evolution of body- and prey size differences among sympatric predators reflects selection for reduced interspecific competition (Rosenzweig 1966).

However, in communities lacking multiple prey species, such as this study system, sympatric predators must differentiate in other ways to minimize competition. Indirect evidence of spatial segregation of sympatric carnivores in the Eurosiberian region, for instance, has been documented in the form of divergent spatial distributions of the primary prey of each predator (Carvalho and Gomes 2004). The pairwise results of the analyses reported here support the hypothesis of spatial segregation among predator species inhabiting the study site, indicating significant segregation in hunting habitat of the two bear species from gray wolves; whereas lack of any relationship among three predators in spatial patterns of predation on moose calves was observed in a separate multivariate analysis.

Although these analyses indicate independent space use by black bears, brown bears, and gray wolves at the spatial scale investigated, there remains a possibility that these predators also partition space within finer-scale habitat classes we were unable to identify. Experiments in old-field arthropod systems indicate, for example, fine-scale habitat partitioning among three sympatric spiders (e.g., salticid [*Phidippus rimator*], pisaurid [*Pisaurina mira*], lycosid [*Hogna rabida*]) within different portions of the herbaceous canopy (Schmitz and Blake-Suttle 2001, Sokol-Hessner and Schmitz 2002). Observations of spider predation in old-field communities indicate, for example, not only a size-specific predator preference for grasshopper prey but also a time-specific period of foraging activity (Schmitz and Blake-Suttle 2001, Ovadia and Schmitz 2002). Moreover, bobcats (*Lynx rufus*) and coyotes (*Canis latrans*) co-existing in California do not show spatial segregation at the landscape scale but do display differential habitat use at the home-range scale (Neale and Sacks 2001). Similarly, although our analyses indicate a lack of temporal segregation between black bears and brown bears, they might actually segregate in time at a scale not assessed here. In addition, gray wolves prey upon moose calves during a longer period throughout the summer season, such that prey may not be limited for these coursing predators. However, black bears and brown bears may experience greater temporal foraging constraints when preying on moose calves because their efficacy diminishes as moose calves grow in size and mature in age (White et al. 2001).

Studies suggesting differential foraging habitat selection between coursing (e.g., gray wolf) and ambush predators (e.g., black bears, brown bears) have been observed in a

large-scale system involving sympatric wolves and mountain lions (*Felis concolor*) (Husseman et al. 2003). Husseman et al. (2003) suggested that coursing predators often kill prey in unpreferred habitat, resulting at the termination of a chase. Conversely, the same work proposes ambush predators most often kill prey in their preferred microhabitats (e.g., dense cover); suggesting kill-sites by ambush predators are more suitable descriptions of preferential hunting habitat than those of their coursing counterparts. Thus, one must be cautious when interpreting mortality site habitats of moose calves attributed to gray wolves, as they may also represent the location where prey were consumed or cached as opposed to the exact predation site. This hypothesis concerning differential habitat use during predation events may explain the findings from this study that gray wolves use needleleaf forest more often than other habitats in which to forage for moose calves. The coursing style of hunting by gray wolves may force moose calves into refuge habitats, specifically forest cover. Contrastingly, ambush-style predators, such as the two bear species included in this study, may stalk their prey in more diverse habitats, as results from my study suggest.

While dietary segregation appears to be a common strategy among coexisting species occupying the same trophic level (Neale and Sacks 2001, Woodward and Hildrew 2002, Carvalho and Gomes 2004, Jacomo et al. 2004), such a strategy is not an option where the number of food choices is limited. My results appear to provide evidence in support of the hypothesis that species with overlapping distributions and food requirements must partition time or space in order to make use of a shared resource.

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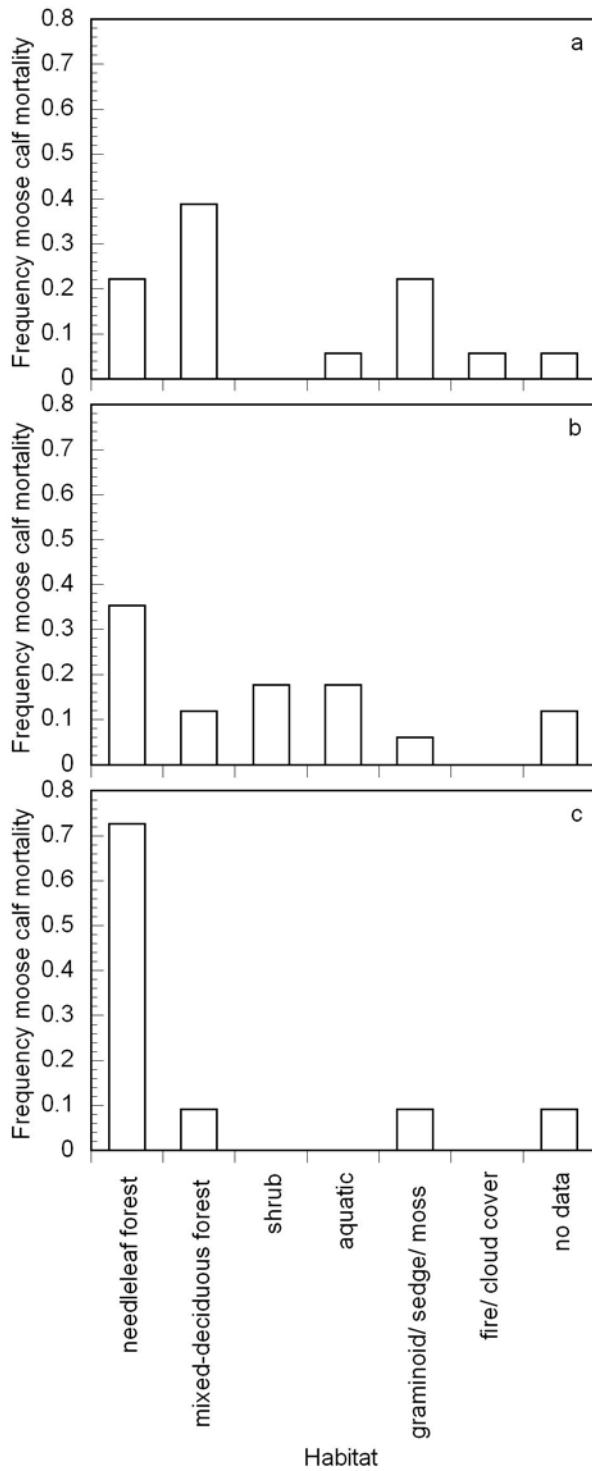


Figure 2.1. Histograms of the distribution of habitats in which black bears (n = 18) (a), brown bears (n = 17) (b), and gray wolves (n = 11) (c) killed moose calves in McGrath, Alaska 2001.

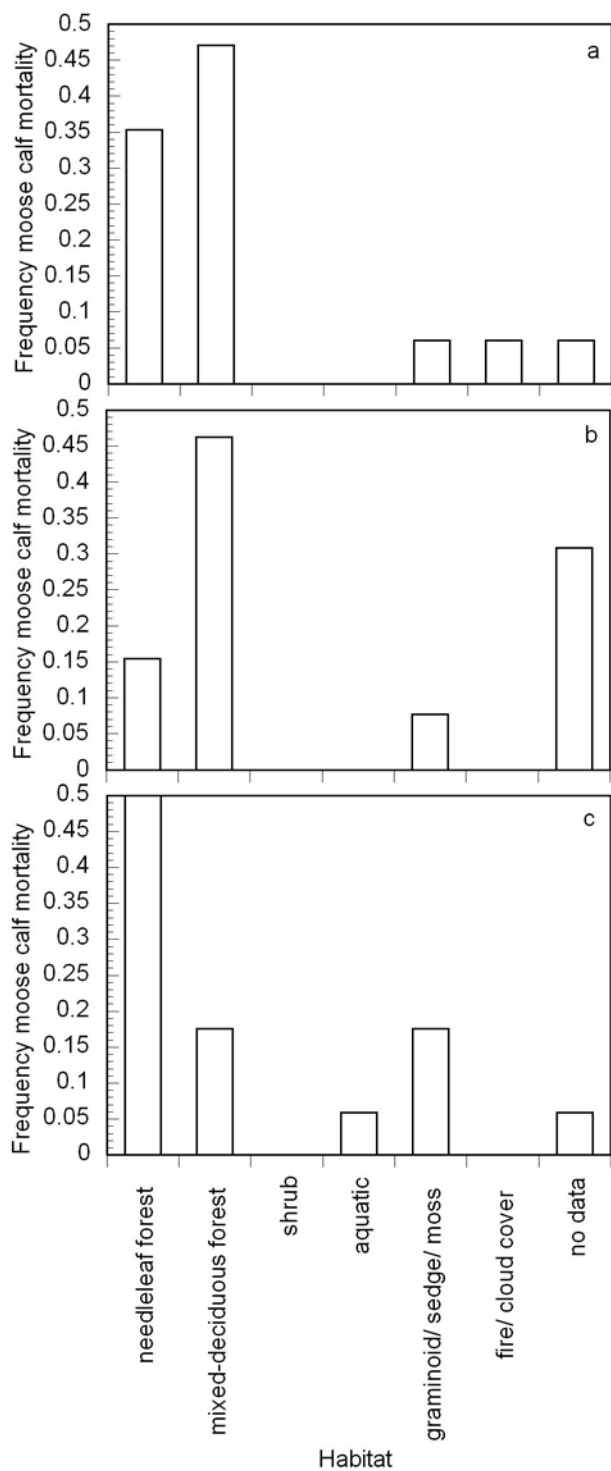


Figure 2.2. Histograms of the distribution of habitats in which black bears (n = 17) (a), brown bears (n = 13) (b), and gray wolves (n = 17) (c) killed moose calves in McGrath, Alaska 2002.

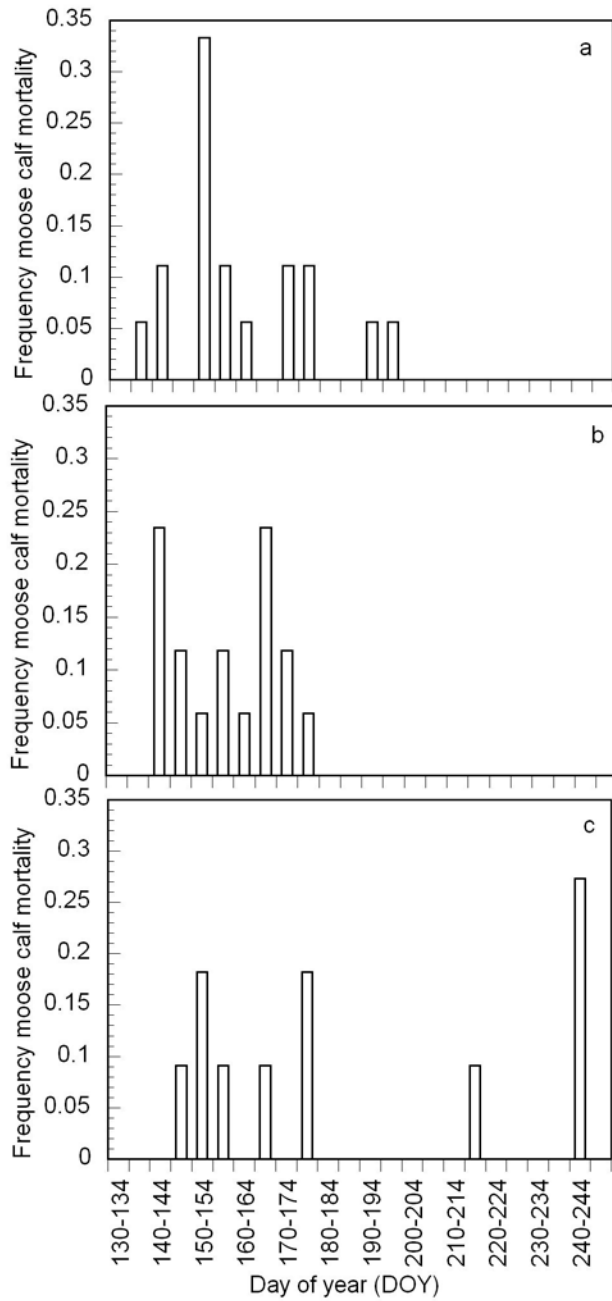


Figure 2.3. Histograms of the distribution of days on which black bears ($n = 18$) (a), brown bears ($n = 17$) (b), and gray wolves ($n = 11$) (c) killed moose calves in McGrath, Alaska 2001.

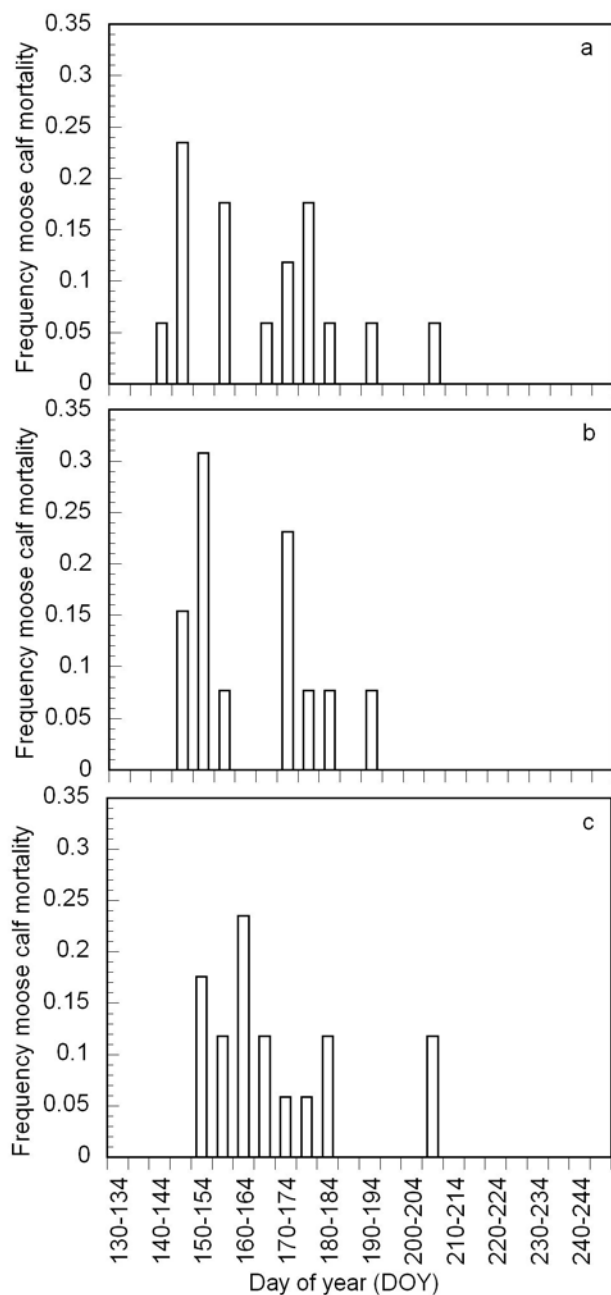


Figure 2.4. Histograms of the distribution of days on which black bears ($n = 17$) (a), brown bears ($n = 13$) (b), and gray wolves ($n = 17$) (c) killed moose calves in McGrath, Alaska 2002.

Chapter 3

**Black Bear Movements and Habitat Use During
Moose Parturition**

Abstract

In sub-Arctic and north-temperate ecosystems, opportunistic carnivores, such as black bears (*Ursus americanus*) and brown bears (*Ursus arctos*), are active on the landscape for a shorter period annually than sympatric gray wolves (*Canis lupus*). Therefore, bear movement patterns and habitat use might be expected to be more deliberate and of greater consequence, in terms of energy acquisition, than those of predators not undergoing hibernation. Habitat choices concerning feeding, bedding, and denning grounds made by black bears therefore should reflect seasonal abundance and distribution of vegetation and key prey items. I recorded the movement patterns of 20 GPS-collared black bears from den emergence to onset of moose (*Alces alces*) parturition in 2003. Over approximately 3 weeks prior to parturition, results from average distance calculations suggest that black bears moved closer to probable moose calving-site habitat. Additionally, the average proportion of seasonal habitat use by black bears surrounding dens reflected the same trend for areas where cow moose gave birth in spring 2003, with a propensity to use needleleaf forest more than any other habitat. I cannot determine whether the seasonal convergence of black bears into habitats used by parturient moose in McGrath, Alaska reflects deliberate searching by black bears for newborn moose calves, but this pattern likely increases the probability of bear-moose encounters during a period of moose calf vulnerability to predation.

Introduction

Studies of black bear (*Ursus americanus*) feeding behavior are numerous in ursid literature, in part because of the variety of foods bears consume on a seasonal basis (Holcroft and Herrero 1991, Boileau et al. 1994, Welch et al. 1997). Several captive-feeding studies have been performed to assess food palatability and nutrition among bears (Bacon and Burghart 1983, Pritchard and Robbins 1990, Welch et al. 1997, Rode and Robbins 2000); fewer studies have, however, documented intra-seasonal changes in feeding behavior and habitat use by wild bears in relation to seasonal food availability, including prey (Adams et al. 1995, Hilderbrand et al. 1999b, Gende et al. 2004).

In the boreal forest, predators are subject to seasonal variation in abundance of food, and have adapted to capitalize on ephemeral resources. Pulses of food items are well documented in many systems, and include oak (*Quercus sp.*) mast, berry crops, salmon (*Oncorhynchus sp.*), and neonatal ungulates (Ostfeld et al. 1996, Hilderbrand et al. 1999b, Gende et al. 2004, Liebhold et al. 2004), but seasonal foraging patterns of bears have been difficult to document due to their secretive behaviors and complex life-history (e.g., hibernation, omnivory) (McCutchen 1989). Moreover, the need to understand the feeding biology of black bears and brown bears in interior Alaska is amplified by the lower availability of animal protein than that found near coastal streams and rivers (Hilderbrand et al. 1999b). In the absence of salmon on inland ranges, bears must fulfill their dietary demands for animal protein with small mammals and ungulates (Welch et al. 1997). Lacking a cecum, bears are unable to sequester all of their required nutrients from plant matter, thus making periodic spring pulses in availability and

vulnerability of animal prey critical in the annual dietary cycle of bears (Wilton 1983, Welch et al. 1997, Hilderbrand et al. 1999a).

Black bears typically do not consume animal protein immediately following den emergence, and exhibit inappetance lasting up to 2 weeks (Rogers 1976, Nelson et al. 1983, McLoughlin et al. 2002). Bears possess a simple stomach devoid of complex microbial flora, thereby limiting digestion immediately following den emergence to berries, nuts, and easily digestible animal matter (Rogers 1976). In boreal forest systems in which moose (*Alces alces*) calves may represent a substantial and highly seasonal resource for black bears, scat and stomach contents of black bears typically are comprised of horsetail (*Equisetum*) and other species of emergent aquatic vegetation (Hatler 1972, Smith 1994, Partridge et al. 2001) early in the season of moose parturition.

The dietary requirement for newly emergent and highly digestible vegetation may be a major factor influencing movements and habitat use of black bears immediately following den emergence (Hatler 1972). Several studies have suggested that black bears select lowland areas for den-sites, whereas brown bears (*Ursus arctos*) usually den in upland locations (Linnell et al. 2000). Cow moose select lowland areas near water during parturition in much the same manner as black bears select lowland den-sites (Wilton et al. 1984, Bergerud and Page 1987). Many lowland forests provide ideal foraging grounds for black bears, making moose parturition an opportune time for such predators to regain nutritional losses following denning (Hatler 1972, Wilton 1983).

In the boreal forest in late April-early May, pre-parturient cow moose and black bears move towards low-lying areas to feed upon newly emergent and highly digestible vegetation during an energetically demanding part of the year (Eagle and Pelton 1983, Bowyer et al. 1999, White et al. 2001). Because of sub-Arctic phenological foraging constraints at snow-melt, the only high-protein vegetation available to moose and black bears at this time are emergent aquatics, horsetail, and sedges (Klein 1987, Johnson et al. 2002b, a). At the onset of the moose calving period, black bears feed on vegetation for approximately 2-3 weeks, acclimate the digestive tract to food intake, and begin to experience amino acid demands requiring ingestion of animal protein (Beeman and Pelton 1980, Eagle and Pelton 1983).

This study in southwestern interior Alaska compares black bear movement patterns and habitat use before and during a pulse in prey availability associated with parturition in moose. Daily locations and patterns of habitat use by GPS-collared black bears were analyzed between den departure and black bear recapture. Additionally, moose calving-site habitats were compared to habitat use by black bears to determine if both predator and prey exhibit spatial overlap. I hypothesized that as moose parturition approached, the distance from individual black bear locations to the nearest border of habitats chosen by parturient moose should decrease.

Methods

Twenty black bears were fitted with global positioning system (GPS)-collars (TGW-3500, Telonics, Mesa, AZ) prior to and during moose parturition in 2002 in an area encompassing the Experimental Micro-Management Area (EMMA) of Game Management Unit (GMU) 19D in southwestern interior Alaska; this area abuts Denali National Park to the west. Black bears were darted by Alaska Department of Fish and Game (ADFG) personnel from a Robinson R-44 helicopter using a Telazol dart fired from a CO₂ pistol or rifle. Animals were processed according to (ADFG) standardized and approved procedures. Subsequent to collaring, black bears were relocated from a fixed-wing aircraft using the VHF beacon of each GPS-collar.

Over the course of the first summer, three GPS-collared black bears were presumed dead as a result of intra- or inter-guild predation. GPS-collars of dead black bears were retrieved, and carcasses were inspected on-site. Throughout the remainder of 2002-2003, three additional collars slipped off the necks of black bears and later were retrieved when practicable. Additionally, one large adult black bear moved off the study area following collaring in 2002. Prior to parturition in 2003, all remaining GPS-collared black bears were relocated using ADFG aerial telemetry and darted in the same manner as at capture (Institutional Care and Use Committee, University of Alaska, Fairbanks). GPS-collars were removed, and data were downloaded onto a computer for analysis (Appendix H). Six black bears whose home ranges overlapped the radio-collared moose

calving areas were included in the analysis of daily distance of black bear locations to habitat chosen by parturient moose.

Concomitant with the black bear capture-recapture study, ADFG personnel deployed radio-collars on over 200 moose calves in the EMMA study site for a moose calf mortality study beginning in 2001 that ran through 2004. Dates and locations of moose calf capture-sites were used to extrapolate a 50% core calving area for parturition 2001-2003 (Boitani and Fuller 2000). The 50% core kernel utilization distribution represents the area within a home range that contains more animal locations than would be expected at random. Assumptions were made that calf capture-sites were representative of calf birth-sites since cow moose have been observed at the calving area for up to 3 weeks following parturition (Bowyer et al. 1999). The boundaries of the calving area were defined as the 50% core kernel home range calculated from the locations of calf capture for each yearly parturition period. The 50% kernel was selected as opposed to a 95% kernel to capture the most frequently used calf habitats within the study area.

The median date of moose parturition was estimated to investigate temporal changes in the average daily distance moved by black bears to moose capture-sites in relation to the onset of parturition. Median dates of moose calving were estimated for 2001-2003 separately using non-linear regression of proportion calves versus day of year and probit analysis of percent births (Finney 1947, Caughley and Caughley 1974, Skogland 1989). Birth date was extrapolated from age estimates at time of moose calf

capture. I noted that habitat bias in moose calf capture locations may occur due to the logistics of heli-capture in a heterogeneous landscape (James et al. 2004). The length of the parturition season was defined as the number of days from 10-90% of recorded calves were born, and was estimated using non-linear regression, where $y = 1/[1+e^{(-a+bx)}]$, in which y = proportion births and x = day of year (Rutberg 1984, Post et al. 2003). Finally, probit analysis was used to estimate the median date of calving, defined as the date of 50% births, for collared cow moose parturition during 2001, 2002, and 2003 (Finney 1947).

Daily distance from each bear location outside the den to the nearest border of the 50% core calving area for 2001, 2002, and 2003 was calculated, using the animal movement extension in ArcView GIS (vers. 3.2)(ESRI, Redlands, CA), for all bears active in spring 2003. Because similar movement patterns were observed for daily distances of black bears to the calving kernel in 2002 and 2003, daily distances moved by black bears were averaged for those years. Average daily distances were plotted across all GPS-collared black bears versus time. Plots of individual GPS-collared black bears revealed two general patterns of movement; therefore, daily averages were calculated for black bears that denned inside or outside of the moose calving area, residents and non-residents, respectively.

Black bear and moose calf habitats were derived from a 30 m Ducks Unlimited habitat grid entitled Stony-MOA (Fehringer, D., Ducks Unlimited, Inc., Rancho Cordova, CA). The 32 habitats of the Stony-MOA habitat grid were reclassified into 7 habitats,

according to common regional habitats in McGrath, Alaska and broad habitats derived from Ducks Unlimited metadata, to facilitate analysis (1= needleleaf forest, 2= mixed-deciduous forest, 3= shrub, 4= graminoid/ sedge/ moss, 5= aquatic, 6= fire/ cloud cover, 7= no data-grid coverage does not cover that extent)(Appendix E). Differences in proportional habitat use in 2003 were calculated from GPS-collar locations of post-denning black bears and subtracted from those same habitat proportions for moose calf capture locations to assess whether black bears used similar or different habitats as the calving areas at 4 day intervals. Due to sample size constraints of fine-scale analysis (i.e., 4 day intervals surrounding parturition), the same calculations were performed at a coarse-scale (i.e., 2 intervals: denning, parturition). Absolute values of differences between proportional habitat use by black bears and moose calves were taken and summed across all habitats. As in a χ^2 test, sums approximating zero were interpreted as similarity in habitat use between black bears and moose calves, whereas larger values indicated differential habitat use (Siegel and Castellan 1988). Fine-scale habitat analysis was evaluated using the mean and bootstrapping procedures to calculate the 90% confidence intervals using R (vers. 2.0.1) (R Development Core Team, Vienna, Austria, 2004).

Den-sites were encompassed by a 250 m buffer (Linnell et al. 2000), and total area per habitat was calculated, using the X-tools extension of ArcView GIS (vers. 3.2)(ESRI, Redlands, CA). Similarly, calf capture locations were buffered by 250 m and total area per 7 habitats was calculated for pooled parturition data 2001-2003 and

compared to den-sites of black bears to assess whether den-sites were comprised of the same habitats occurring within calving areas.

Results

The number of days between 10% and 90% moose births was 10 days in 2001 ($n = 14$; $r^2 = 0.79$, $P = 0.001$), 9 days in 2002 ($n = 26$; $r^2 = 0.70$, $P = 0.005$), and 11 days in 2003 ($n = 21$; $r^2 = 0.73$, $P = 0.002$). The median dates (± 1 *S.E.*) of calving were 21 May (± 3.11 days) in 2001, 20 May (± 2.72 days) in 2002, and 21 May (± 3.39 days) in 2003. These results indicate a highly consistent and predictable time of calving by moose among years in the study site (Fig. 3.1).

The den-sites of all three non-resident bears and two resident bears occurred in needleleaf forest habitat, whereas one resident bear denned in mixed-deciduous forest habitat. The average area surrounding black bear den-sites was comprised of 65% needleleaf forest, 30% mixed-deciduous forest, 3% shrub, and 2% graminoid/ sedge/ moss habitats (Fig. 3.2). The average area surrounding all buffered moose calf capture-sites was comprised of 40% needleleaf forest, 14% mixed-deciduous forest, 13% shrub, 18% graminoid/ sedge/ moss, 10% aquatic, and 6% no data-grid coverage does not cover that extent (Fig. 3.2).

The mean date (± 1 *S.E.*) of den emergence in 2003 by non-resident bears was 24 April (± 1.73 days); whereas it was 19 April (± 3.21 days) for resident bears. The mean (± 1 *S.E.*) distance separating den-sites of non-resident black bears from the area of moose calving was 10.40 km \pm 7.92, whereas that separating resident black bears from the area of moose calving was 0.16 km \pm 0.13.

At approximately 19 days post-den emergence, individual black bear distances to moose calving habitats began to decline, suggesting movement toward habitat used by moose during parturition (Figs. 3.3, 3.4). Coincident with the onset of moose calving on 15 May (day 135), black bears entered the calving area and remained there until recapture (Figs. 3.3, 3.4). Of the three non-resident bears (two female, one juvenile male), all made a steady progression through time towards the calving area (Fig. 3.3). Contrastingly, the three resident bears (adult males), which dened within the core calving area, departed the calving area as non-resident bears approached by approximately 6 May (day 126) (Figs. 3.3, 3.4). These same resident black bears then moved back into the calving area by 12 May (day 132) (Fig. 3.4).

A fine-scale (4 day interval) difference calculation of habitat use between non-resident black bears and resident black bears versus habitat use by moose calves does not tend towards zero values, indicating habitat use does not appear to change as moose parturition approaches (Fig. 3.5). Habitat use by resident black bears differed more from locations of moose calves than did that of non-resident black bears (Fig. 3.6).

Discussion

Habitat use by carnivores and their prey varies throughout the year according to abundance and distribution of forage and conspecifics (Beeman and Pelton 1980, Eagle and Pelton 1983, MacCracken and Hansen 1984, Samson and Huot 1998). These results suggest that during the 3 weeks following den emergence, black bears begin movement towards local moose calving areas, which is similar to brown bears in the Greater Yellowstone ecosystem using the same habitats as elk (*Cervis elaphus*) during parturition (Haroldson et al. 2002).

Haroldson et al. (2002) described female bears as remaining near their den-sites in order to forage away from larger predators, which may explain the less variable pattern of habitat use among female black bears in this study when compared to locations of moose calves. In McGrath, Alaska, changes in average daily distances from black bear locations to calving habitat indicate a steady, slow progression of the predator towards moose calving habitat during the first 2 weeks after den emergence, followed by several abrupt long-distance moves at the early portion of parturition that are most notable in resident black bears.

In general, my hypothesis that black bears would display closer proximity to moose calving-sites as moose parturition commenced was supported by changes in the average daily distances separating black bear locations from the moose calving area. However habitat-use differences calculated between black bears and moose calves do not conclusively support increased similarity as parturition approaches. Numerous studies

have shown that males of the species define their home range based on searching for mates and secondarily for resources, whereas females delineate use of space primarily on resource needs (Gittleman and Harvey 1982, MacDonald 1983, Sandell 1989). Similarly, the variable pattern of habitat use observed in resident black bears as compared to that of moose calves may result from the typical dispersal and foraging behavior of adult bears without cubs (Armstrup et al. 2001, Haroldson et al. 2002). Moreover, I am unable to conclusively determine whether recently emerged black bears in our study were using habitat containing the most nutritious and digestible forage plant resources (e.g., *Equisetum*), which is the same resource used by parturient moose, or whether they were actively searching for moose calves throughout parturition (Wilton, 1983). Studies in the Great Smoky Mountains and Shenandoah National Park suggest that in systems not containing moose, black bears forage on grasses and seasonally abundant fruits (e.g., wild cherry [*Prunus serotina*], apple [*Malus pumila*]) during the spring season, thus suggesting that consumption of vegetation may be the primary impetus for habitat choices and secondarily animal protein (Garner and Vaughan 1986, Beeman and Pelton 1980).

In the sub-Arctic, most black bears are absent from the landscape for 7-8 months in a state of dormancy and hibernation (Schwartz et al. 1986). Therefore, selection of den-sites by black bears is of major importance because proximity to forage in late winter and early spring becomes essential for replenishing nutritional stores following den emergence (Hatler 1972, Smith 1994). Roots from forest trees and shrubs are well known ground stabilizers and are linked tightly to den-site selection (Hechtel 1991, Smith 1994).

Findings from this study suggest that the surroundings of black bear den-sites are primarily needleleaf forest and mixed-deciduous forest, which supports results of other Alaskan denning studies (Hechtel 1991, Smith 1994). Additionally, forest provides escape cover, whereas graminoid/ sedge/ moss habitat near water contains emergent, highly-nutritious vegetation, following snow-melt (Hatler 1972). Numerous studies have observed black bears using aquatic sedge meadows in late winter, moose calving areas during spring, higher-elevation forests with large berry crops, and hard mast in fall (Beeman and Pelton 1980, Eagle and Pelton 1983, Powell and Seaman 1990). Black bears and cow moose in this study share similar habitat in early spring, which likely increases the probability of bear-moose encounters during the period of moose calf vulnerability immediately following parturition.

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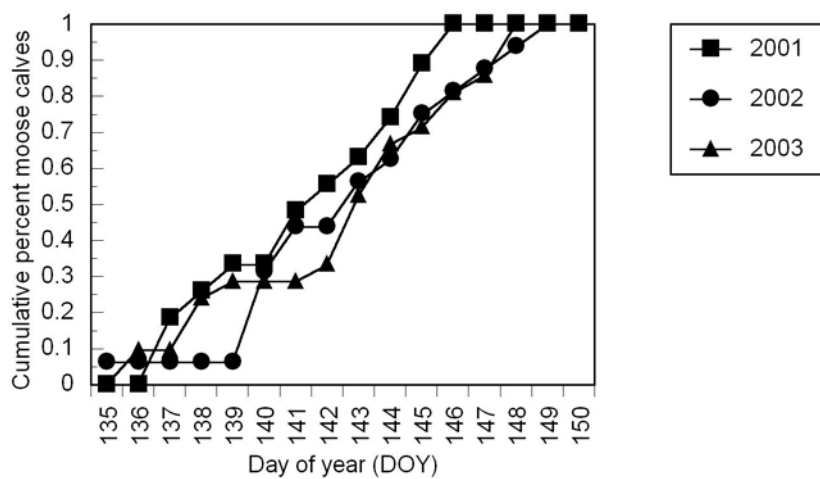


Figure 3.1. Timing and progression of the moose calving season near McGrath, Alaska. Shown is the cumulative percent of collared adult female moose that had borne calves in 2001-2003, based on aerial surveys.

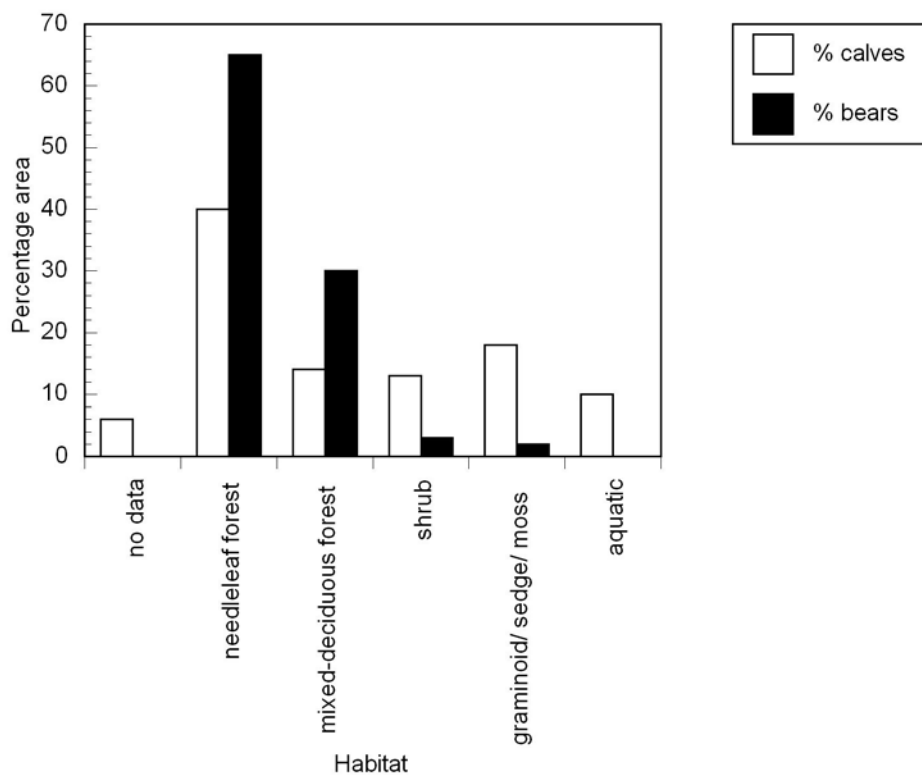


Figure 3.2. Percentage area per habitat surrounding moose calf capture-sites located within the core use area (50% kernel) of the moose calving grounds 2003 and average percentage of habitat surrounding black bear den-sites (n = 6) 2002 in McGrath, Alaska.

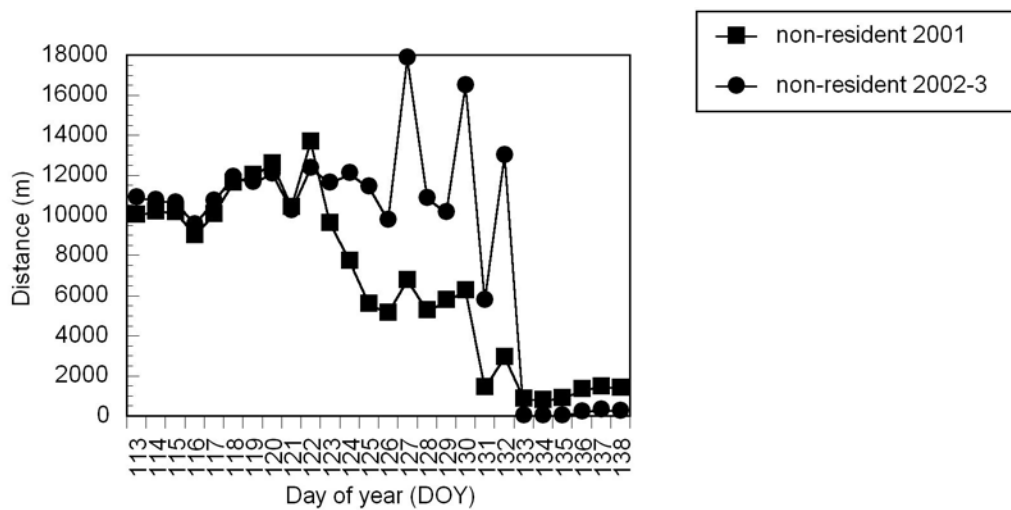


Figure 3.3. Average daily distance between GPS-collar locations of non-resident black bears to the nearest boundary of the moose calving area in 2001-2003 in McGrath, Alaska. Non-resident black bears are defined as bears not denning within the moose calving area.

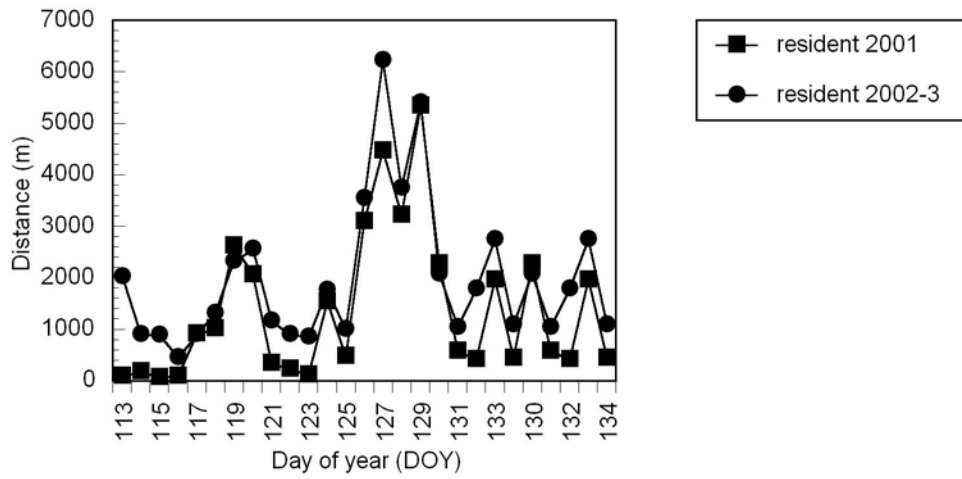


Figure 3.4. Average daily distance between GPS-collar locations of non-resident black bears to the nearest boundary of the moose calving area in 2001-2003 in McGrath, Alaska. Resident black bears are defined as bears denning within the moose calving area.

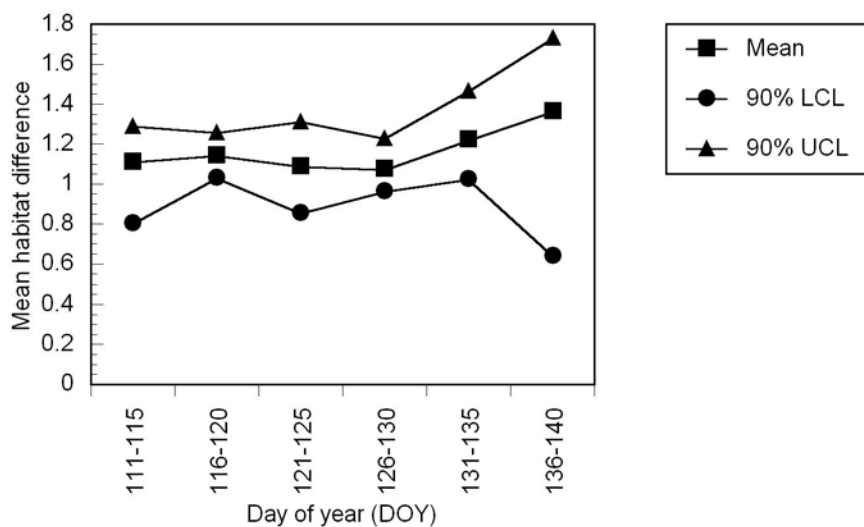


Figure 3.5. The mean habitat difference between predator and prey represented by the proportion habitat of black bear locations minus proportion of moose calf capture-site habitats summed across all 7 habitats over 6 time-periods in McGrath, Alaska 2003. Values approximating 2 represent complete dissimilarity in habitat use, whereas values approximating 0 indicate complete similarity in habitat use between black bears and moose calves. Bootstrap resampling methods were used to calculate 90% confidence intervals about the mean.

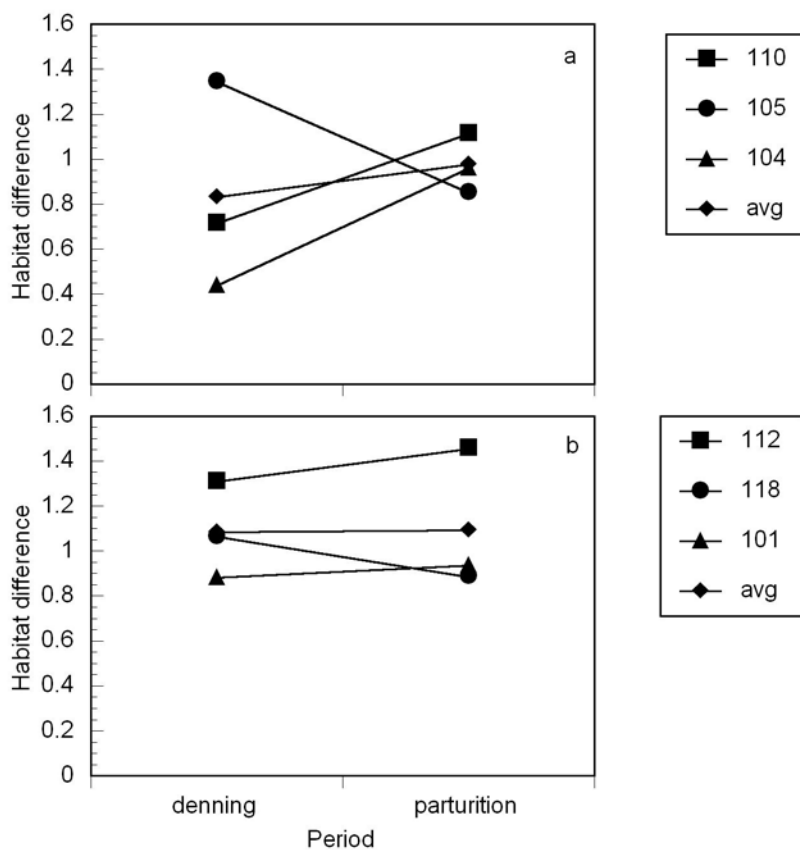


Figure 3.6. Habitat differences of black bear locations minus proportion habitat of moose calf capture-site locations summed across all 7 habitats over time during 2 intervals (denning, parturition) in McGrath, Alaska 2003. Values approximating 2 represent complete dissimilarity in habitat use, whereas values approximating 0 indicate complete similarity in habitat use between black bears and moose calves. Figures a and b represent resident and non-resident black bears, respectively.

Chapter 4

**Habitat Use by Black Bears in Relation to
Conspecifics and Brown Bear Competitors**

Abstract

Sympatric black bears (*Ursus americanus*) and brown bears (*Ursus arctos*) are common in many boreal systems; however, few predator assemblages are known to coexist on a single seasonally abundant large prey item. In lowland southwestern interior Alaska, black bears and brown bears are considered the primary cause of moose (*Alces alces*) calf mortality during the first 6 weeks of life. The objective of this study was to document habitat use of GPS-collared black bears during peak and non-peak seasons of black bear-induced and brown bear-induced moose calf mortality within southwestern interior Alaska, in spring 2002. In addition, even more rare are habitat-use studies on bears using GPS-technology as opposed to traditional radio-telemetry. Results from this study suggest that GPS-collared black bears use the same habitat as conspecifics more often than expected during the peak period of black bear predation on moose calves, whereas they use habitat in proportion to availability within their home ranges during the peak in brown bear predation on moose calves. GPS-collared black bears have a tendency to use preferred moose calf hunting habitat (e.g., mixed-deciduous forest, needleleaf forest) less than expected as compared to that of black bears and brown bears during non-peak periods of the season of predation. Sex-specific Ivlev's electivity indices describe greater than expected use of mixed-deciduous forest and needleleaf forest by male GPS-collared black bears during the peak of moose calf predation, whereas females have a tendency to use these habitats less than expected. Contrastingly, when moose calf predation by other bears was low, most GPS-collared black bears of both sexes used mixed-deciduous forest and needleleaf forest less than expected. Minimum convex polygon (MCP) home ranges calculated for black bears suggest that males have larger

home ranges than females. Similarly, adult black bears possess slightly larger home ranges than juveniles within this study. Juvenile GPS-collared black bears largely use the same habitat as other sympatric predators during the peak of moose calf predation, whereas during the non-peak period juveniles use opposite habitats as adult GPS-collared black bears according to age-specific Ivlev's electivity indices. The outcome of this study offers possible explanations (e.g., sex, age) for spatial overlap or segregation in one member of a complex predator guild in relation to a seasonal pulse of preferred prey.

Introduction

Complex predator guilds have been documented in areas with multiple mammalian prey species (Durant 1998, 2000, Carvalho and Gomes 2004, Mills et al. 2004). Studies of carnivore guilds in the Serengeti have documented up to 10 predator species preying on 28 species of antelope (Sinclair and Norton–Griffiths 1984). As a result of such observations, several hypotheses for multiple predator coexistence have arisen, including dietary preference due to differential constraints on prey size (Sinclair et al. 2003). Other studies, such as those focusing on sympatric canids such as maned wolf (*Chrysocyon brachyurus*), crab-eating fox (*Dusicyon thous*), and hoary fox (*Dusicyon vetulus*) have suggested temporal separation in activity as a means of sharing the same resource (Jacomino et al. 2004). Additionally, red foxes (*Vulpes vulpes*), wild cats (*Felis silvestris*), common genets (*Genetta genetta*), and stone martens (*Martes foina*) on the Iberian peninsula, may not compete with each other for lagomorphs and rodents because many prey are in high abundance (Carvalho and Gomes 2004). With an increase in prey availability, competition among predators may be relaxed (Schoener 1982). Alternatively, predators with inferior competitive ability – both in relation to conspecifics and competing species – may move to less energetically profitable habitats, thereby avoiding competition with larger, dominant predators, as has been documented for cheetahs (*Acinonyx jubatus*) coexisting with dominant lions (*Panthera leo*) and spotted hyenas (*Crocuta crocuta*) (Durant 1998, 2000).

The present study describes spatial and temporal patterns of habitat use by individual black bears (*Ursus americanus*) in relation to habitat use by potential

competitors, including other black bears and brown bears (*Ursus arctos*). An earlier study of sympatric black bears and brown bears suggested that in some areas the greatest threat to survival of moose calves comes from brown bears (Ballard et al. 1990). Given larger body-size, home range area, and energy requirements, brown bears may be superior competitors to black bears during predation on moose calves (Hobson et al. 2000). In the McGrath, Alaska region where this study was conducted, sympatric black bears and brown bears share a single species of prey, moose (*Alces alces*); hence, locations of moose mortalities by the two bear species do not overlap spatially at the landscape scale but do overlap temporally (Chapter 2). Other studies suggest that conspecific bears share important resource patches but maintain somewhat non-overlapping home ranges (Samson and Huot 2001). My objective was to investigate the extent to which locations and movements of individual black bears overlap with habitat use of other black bears and brown bears as indicated by their moose calf mortality-sites.

In my comparison of black bear locations and movements during foraging to those of their conspecifics, I also investigated potential sex- and age-specific patterns of similarity and dissimilarity in habitat-use. Several studies have observed lactating female bears remaining at higher elevations for prolonged periods of time, following den emergence (Herrero 1978, Ballard et al. 1990, Miller 1990, Haroldson et al. 2002). Also, female brown bears most often associate with highland areas post-denning, where other predators (e.g., male brown bears) were seldom documented (Hobson 2000). During early moose parturition, elevational segregation of black bears from brown bears reported in other studies suggests that bear species preying on moose calves in the lower

elevations may be males (Jacoby et al. 1999, Hobson et al. 2000). Young and Beecham (1983) observed habitat use in female black bears and noted their hesitancy to leave forested areas of cover immediately after denning and in the fall. Sex-specific behavioral differences may influence habitat use, hunting method, and capture success of moose calves. Also, numerous studies have documented movements of juveniles and adult males as more expansive than those of females, regardless of age (Garshelis and Pelton 1980, Garshelis et al. 1983). Typically, home ranges of female black bears are restricted by the presence of their cubs (Garshelis et al. 1983). Hence, I also compared characteristics of home ranges among male and female black bears.

Methods

This study site in southwestern interior Alaska has been described previously in detail as lowland boreal forest with ericaceous shrub understory (Schwartz et al. 1986). Twenty black bears were captured and fitted with global-positioning system (GPS)-collars (model TGW-3500; Telonics, Mesa, AZ) during summer 2002. All black bears were darted from a Robinson R-44 helicopter by Alaska Department of Fish and Game personnel, in accordance with the recommendations and guidelines of the Institutional Care and Use Committee, University of Alaska, Fairbanks (Chapter 3). Location fixes were attempted every 3 hours during the active season (April-September) and reduced to one per day during the denning period (September-April). Black bears were relocated at least 4 times over the next year to monitor survival, observe den-sites, and relocate for recapture. Black bear recapture occurred in spring 2003, when GPS-collars were removed in the field, and data were downloaded for analysis (Appendix I).

Individual black bear locations from initial black bear capture in May until mid-July 2002 were converted to universal transverse mercator (UTM) coordinates and placed in a geographic information system (GIS) project using ArcView (vers. 3.2)(ESRI, Redlands, CA). Only bears with seasonal home ranges ($n = 10$) falling within the extent of the 30 m Ducks Unlimited vegetation map were used in this analysis (Fehring, D., Ducks Unlimited, Inc., Rancho Cordova, CA, USA)(Appendix A). Black bear habitats

were derived for each bear location from ArcView using the vegetation grid entitled Stony-MOA. Habitats of the Stony-MOA vegetation grid were reclassified to facilitate analysis according to broad Ducks Unlimited habitats as described in metadata and common habitats encountered in the McGrath, Alaska area during the long-term study (1= needleleaf forest, 2= mixed-deciduous forest, 3= shrub, 4= graminoid/ sedge/ moss, 5= aquatic, 6= fire/ cloud cover, 7= no data-grid coverage does not cover that extent)(Appendix E).

Using data from 2002, I analyzed locations of black bears during peak predation by black bears and brown bears on moose calves (Chapter 2) to evaluate avoidance of or association with conspecifics and brown bears. I compared habitat use by black bears to availability of habitats in which other black bears were foraging and in which brown bears were foraging for moose calves. These habitat-use comparisons were performed on all collared black bears pooled, for all adult and juvenile black bears, and for male and female black bears (Appendix G).

Actual habitat use in spring 2002, represented by individual-based locations of GPS-collared black bears, was compared to available habitat within minimum convex polygons (MCPs) (Manley et al. 2002). Estimation of the MCP for each collared black bear was considered habitat availability during spring 2002 for individual black bears; this method is most often reported in habitat-use studies and serves best in cross-study comparison (Kernohan et al. 2001). The habitats in which most mortalities of moose calves attributed to bear predation occurred were needleleaf forest and mixed-deciduous

forest for brown bear and black bear species in 2001, respectively, and mixed-deciduous forest for both bear species in 2002 (Chapter 2). In addition, home range differences between sexes and age classes of black bears was assessed using a multiresponse permutation procedure (MRPP). This procedure, based on Euclidean distances, compares average distances between all possible location pairs for each animal using Blossom Statistical Software (Cade and Richards 1999). The resulting Δ_{obs} statistic is compared to a Δ_{exp} statistic, where the null hypothesis states that there is no difference between the groups under investigation.

Assessment of whether use of habitat by individual GPS-collared black bears differed from expected according to the habitat in which most moose calf mortalities attributed to predation by competing bears occurred (e.g., mixed-deciduous forest, needleleaf forest) (Chapter 2) was evaluated using Ivlev's electivity index (James et al. 2004). Moose calf mortalities attributable to black bears and brown bears were assigned according to hair samples collected at mortality-sites and subsequent DNA verification by ADFG. The Ivlev's electivity index was calculated as

$E_i = (r_i - n_i) / (r_i + n_i)$, where E_i = electivity, r_i = percentage of locations of black bear_{*i*} in a given habitat, and n_i = percentage area of that given habitat in the MCP of black bear_{*i*} (Lechowicz 1982, Krebs 1989, Mykytka and Pelton 1989, James et al. 2004)(Appendix G). Ivlev's electivity index produces a value ranging from -1 to +1, with zero indicating that use is equal to habitat availability, while positive and negative values indicate use more or less than expected, respectively (Krebs 1989). Mean values of Ivlev's electivity indices were calculated between sex and age classes to facilitate comparison and 90%

confidence intervals were generated using bootstrap methods with R statistical software (vers. 2.0.1)(R Development Core Team, Vienna, Austria, 2004).

Results

Comparisons of estimated MCPs of black bear home ranges between the sexes indicated larger home ranges for males (mean \pm 1 *S.E.* = 218.5 km² \pm 66.3; n = 6) than for females (mean \pm 1 *S.E.* = 65.8 km² \pm 17.7; n = 4) ($t = -1.817$, $P = 0.053$) (Fig. 4.1) (Appendix A). Estimated MCPs of juvenile home ranges (mean \pm 1 *S.E.* = 136.9 km² \pm 42.9; n = 4) were smaller than those of adults (mean \pm 1 *S.E.* = 166.2 km² \pm 65.3; n = 7) ($t = -0.276$, $P = 0.395$), although this difference was not significant (Appendix A). Home range size differences were observed between the sexes (delta statistic = 2442.4, $P = 0.094$; n = 6 males, n = 4 females), but not between age classes (delta statistic = 3401.0, $P = 0.766$; n = 7 adults, n = 3 juveniles) of black bears (Fig. 4.2).

GPS-collared black bears used mixed-deciduous forest more than expected when most black bear predation on moose calves occurred in 2001 and 2002, as indicated by averaged Ivlev's electivity indices (Figs. 4.3a, 4.6)(Appendix G). Outside the peak of the period of black bear predation on moose calves in 2001 and 2002, GPS-collared black bears used mixed-deciduous forest habitat less than expected (Fig. 4.3a). During peak predation by brown bears on moose calves, GPS-collared black bears used habitats in which brown bears were killing moose calves in 2001 and 2002 more than expected (Fig. 4.3b). However, during the period outside of peak brown bear predation on moose calves, GPS-collared black bears used needleleaf forest more in 2001 and mixed-deciduous forest less than expected in 2002 (Fig. 4.3b).

During the peak period of black bear predation on moose calves, collared male black bears used mixed-deciduous forest more than expected in 2001 and 2002, as indicated by sex-specific Ivlev's electivity indices (Figs. 4.4a, 4.6)(Appendix G). Female black bears that were GPS-collared, however, used mixed-deciduous forest less than expected during the peak of black bear foraging in 2001, but more than expected during the peak of conspecific foraging on moose calves in 2002 (Fig. 4.4a). Outside the period of peak predation by black bears on moose calves in both years, collared black bears of both sexes used mixed-deciduous forest less than expected (Fig. 4.3a). During the peak period of brown bear predation on moose calves, GPS-collared male black bears more frequently used habitats in which brown bears killed moose calves in 2001 and 2002; however, collared female black bears used those habitats less frequently during the period during which brown bears hunted moose calves (Fig. 4.4b). Differences in habitat use during the non-peak period of predation by brown bears are evidenced by use of needleleaf forest more than expected in 2001 and use of mixed-deciduous forest less than expected by both male and female GPS-collared black bears in 2002 (Fig. 4.4b).

Habitat use-patterns of GPS-collared black bears varied between juveniles and adults according to period of predation and bear age (Fig. 4.6)(Appendix G). Coincident with the peak of most black bear predation on moose calves, juvenile black bears that were GPS-collared used preferred habitats in 2001 and 2002 (Fig. 4.5a). However, during the same period in 2001 and 2002, adult GPS-collared black bears only marginally used the same habitat as most conspecific black bears (Fig. 4.5a). Outside of the period of peak black bear predation on moose calves in 2001 and 2002, juvenile black bears used mixed-deciduous forest more, while collared adults used that habitat less, than expected (Fig.

4.5a). Finally, during the period of peak moose calf predation by brown bears, juvenile collared black bears used needleleaf forest less than expected in 2001, but mixed-deciduous forest more than expected in 2002, where brown bears were foraging for moose calves that year (Fig. 4.5b). In contrast, adult black bears that were GPS-collared displayed more frequent use of needleleaf forest in which brown bears foraged for moose calves in 2001, but less frequent use of mixed-deciduous forest in which brown bears were foraging in 2002 (Fig. 4.5b). Opposite habitat-use patterns of adult black bears and juveniles were observed during the off-peak period of brown bear predation on moose calves, specifically adult use of needleleaf forest more than expected in 2001 and juvenile use of mixed-deciduous forest less than expected in 2002 (Fig. 4.5b).

Discussion

Seasonal patterns of habitat use among coexisting species of mammalian predators have been a subject of investigation in numerous studies (Eagle and Pelton 1983, Koehler and Hornocker 1991, Dahle and Swenson 2003), but studies focusing on such patterns in systems with multiple predators sharing a single prey species are much less common (Chapter 2). Predictable pulses of prey availability may make it feasible for competing predators to remain sympatric throughout their ranges by relaxing competitive interactions (Schoener 1982, Theberge and Wedeles 1989). A study by Theberge & Wedeles (1989) of sympatric coyotes (*Canis latrans*) and red foxes (*Vulpes vulpes*) suggested that both species acquire similar diets during peaks in snowshoe hare (*Lepus americanus*) cycles. However, when snowshoe hare abundances decline, coyotes exhibit more taxonomically-constrained diets than do red foxes (Theberge and Wedeles 1989).

Seasonal abundance of moose calves during spring parturition may increase the dietary similarity between sympatric black bears and brown bears, potentially increasing overlap in habitat use, as observed in habitat-use calculations in this study. Previously, I reported that habitat use by black bears overlapped that of moose during the calving season (Chapter 3). Ostensibly, both bear species may display overlap with the habitat or habitats in which they are most likely to encounter moose calves, and the abundance of moose calves during the birth season may alleviate interspecific tensions that would otherwise promote avoidance (Larsen et al. 1989). Additionally, the possibility exists that black bears and brown bears do not compete for moose calves because their availability temporarily exceeds the demand of predators (e.g., predator satiation; Calow 1998).

Avoidance by GPS-collared black bears of the most frequently used habitats (e.g., mixed-deciduous forest, needleleaf forest) of conspecific black bears and brown bears, potentially may be the result of diminished moose calf abundance.

Many studies have noted that male bears possess larger home ranges than do females (Alt et al. 1977, Reynolds and Beecham 1977, Pelchat and Ruff 1986). Results from the area calculations of seasonal home range in spring 2002 support the premise that there is a male bias toward larger home ranges among black bears. Male black bears frequently forage in habitats where other predators are likely to be found during the peak period of black bear predation on moose calves, perhaps due to their dominant nature. In contrast, female black bears apparently use habitats frequented by conspecifics and competing brown bears during their peak predation periods less than would be expected. The possibility exists that female black bears with cubs are not choosing habitats because of the distribution and abundance of moose calves, but rather that they are avoiding confrontation with brown bears and male black bears by spatially segregating their activity centers (e.g., denning, feeding, nursing) (Miller 1990). Female brown bears with cubs may alter their daily movements as a means of predator avoidance (Barnes 1989). Additionally, female black bears often remain at higher elevations or near den-sites for longer periods than males, possibly delaying their migration to lowland moose calving areas (Haroldson et al. 2002). The delay in den emergence observed among female black bears provides a “safe-site” habitat for nursing cubs with minimal confrontation with males and brown bears that have more recently emerged from their den-sites (Kolenosky and Strathearn 1987). For the most part, patterns of habitat avoidance by female black

bears, during peak and non-peak black bear and brown bear predation periods may be the result of movement restriction and sub-optimal habitat use. This predator avoidance strategy may permit foraging under reduced threat from larger males (Young and Beecham 1983, Haroldson et al. 2002). During the non-peak predatory period of both bear species, both sexes of GPS-collared black bears most often used preferred foraging habitats (e.g., mixed-deciduous forest, needleleaf forest) less than would be expected, perhaps indicating that the supply of animal protein had been exhausted in or dispersed from those areas.

Age and experience levels play a role in habitat-use patterns in black bears and brown bears during the spring. Upon den exit, cubs and yearlings remain close to their mothers, and restrict habitat selection and migration patterns of parturient bears (Atwell et al. 1977, Barnes 1989). In contrast, juvenile males are known to disperse from their natal home range to establish their own home range (Herrero 1978). Additionally, adult males have been documented moving greater distances than adult females during the breeding season (Reynolds and Beecham 1977). Juvenile GPS-collared black bears most often use habitats where they will likely encounter other predators foraging for moose calves. The exploratory nature of juvenile black bears may lend itself to increased habitat overlap and encounters with other predators on the landscape (Garshelis and Pelton 1981). Findings from my study are contrary to a study by Pelchat and Ruff (1986) which indicated that sub-adult black bears avoid adult black bears by means of spatio-temporal separation. Age-class segregation during the non-peak moose calf predation period was observed in McGrath, Alaska; however, caution must be taken when interpreting the

results of the age-specific Ivlev's electivity indices due to the small number ($n = 3$) of juvenile GPS-collared black bears available in the sample.

Behavioral, life-history, and morphological differences between black bears and brown bears may promote differential habitat use. For instance, smaller size of black bears and their association with forest cover as a potential means of predator avoidance, may explain the habitat-use patterns of GPS-collared black bears during the peak of moose calf predation periods by both bear species documented here. Moose parturition typically occurs in lowland areas of emergent vegetation in proximity to forest cover, which is also a habitat frequently used by black bears (Hatler 1972, Wilton 1983, Wilton et al. 1984, Bergerud and Page 1987). Additionally, differential sex- and age-specific patterns of den emergence among black bears might explain the preference of males to forage in forests likely to contain the most frequent encounters with other bears (Miller 1990). Male bears have a tendency to make more long-distance, exploratory movements within their home range than do females and often may encounter areas with higher densities of competitors (Reynolds and Beecham 1977). Similarly, denning chronology studies by Miller (1990) suggest that brown bears emerge from dens slightly earlier than black bears and may forage on vegetation and moose calves prior to black bear emergence, thereby minimizing interspecific competition. Results from this study should contribute to our understanding of black bear habitat use in relation to conspecifics and brown bear competitors in a system with seasonally abundant, but shared, prey.

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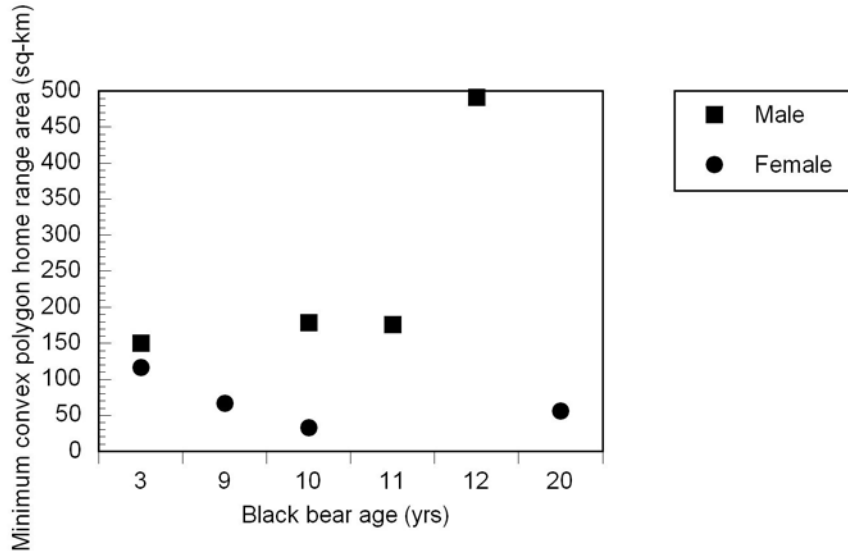


Figure 4.1. Average area of minimum convex polygon (MCP) home ranges for male ($n = 6$) and female ($n = 4$) black bears vs. age in McGrath, Alaska 2002. Note 2 male bears were of the same age class (e.g., 3, 11) such that home ranges were averaged together to compute one area value per age-class, therefore explaining ($n = 8$) black bear home range areas displayed in the scatterplot.

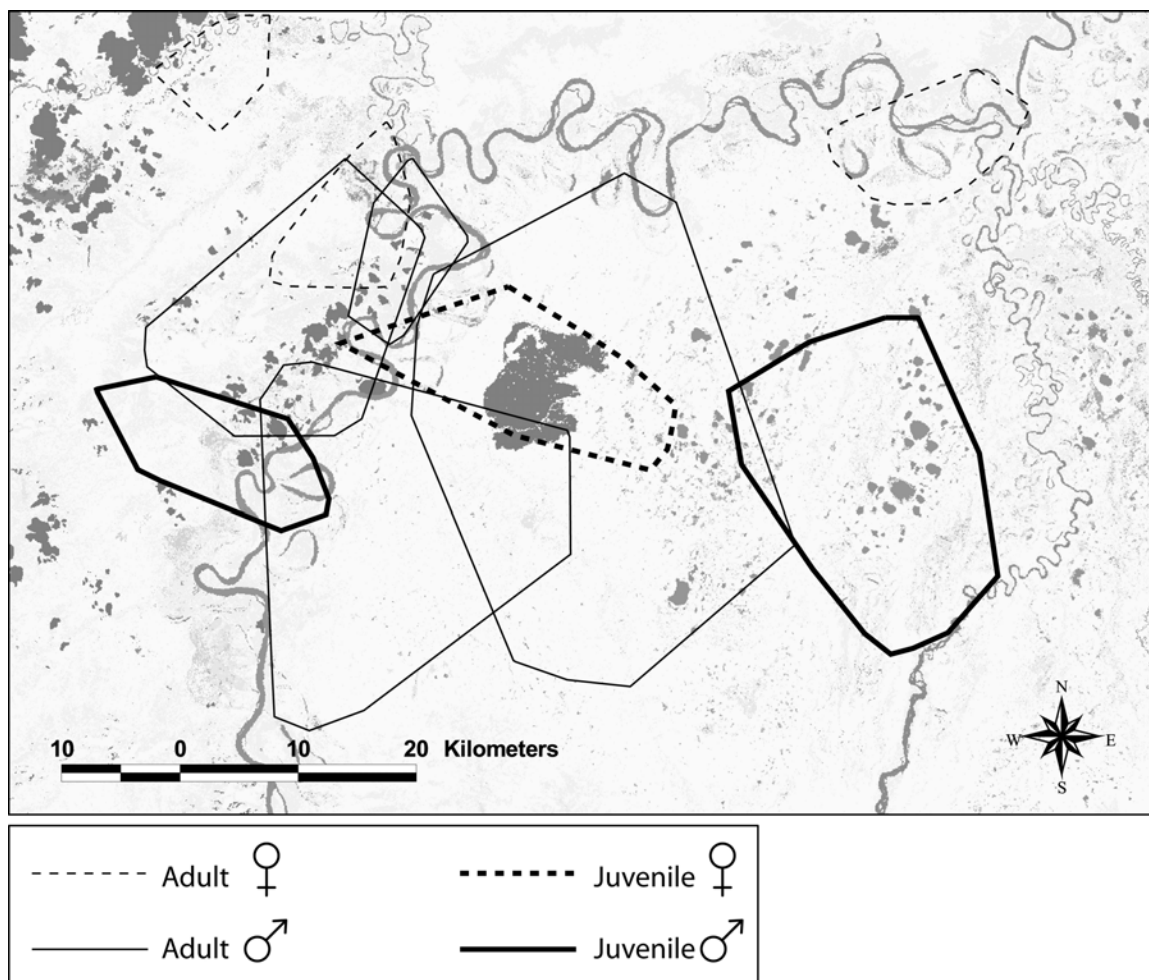


Figure 4.2. 30 m vegetation grid of the Kuskokwim River drainage (Fehringer, D. Ducks Unlimited, Inc., Rancho Cordova, CA) showing the distribution of minimum convex polygon (MCP) home ranges of (n = 10) GPS-collared black bears in McGrath, Alaska spring 2002.

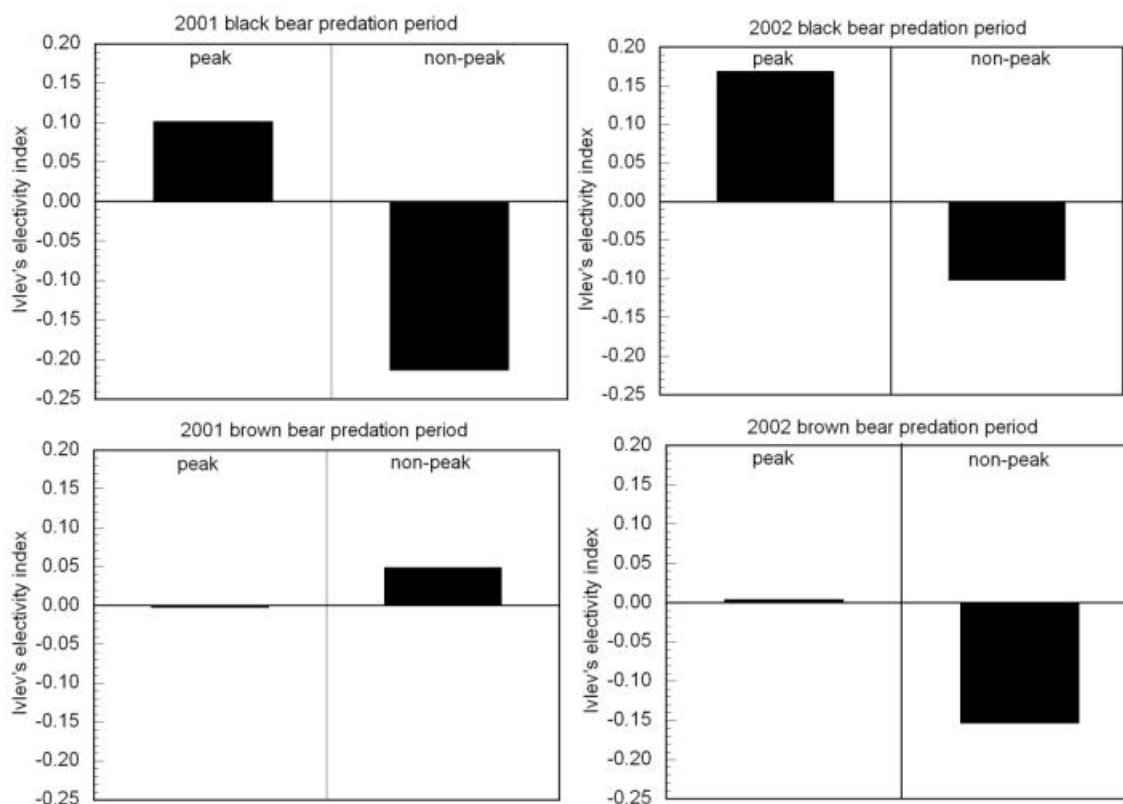


Figure 4.3. Habitat-use patterns represented by Ivlev's indices of electivity for GPS-collared black bears ($n = 10$) during the peak and non-peak predation periods by other black bears (a) and brown bears (b) in McGrath, Alaska 2001 and 2002. Reference habitat preferences for black bears and brown bears are derived from the most prevalent habitat in which calf mortality-site were located, specifically mixed-deciduous forest for all periods except for brown bears in 2001 where preference is for needleleaf forest (Chapter 2). Ivlev's electivity indices produce a value ranging from -1 to +1, with zero indicating use is equal to habitat availability, while positive and negative values indicate use more and less than expected, respectively.

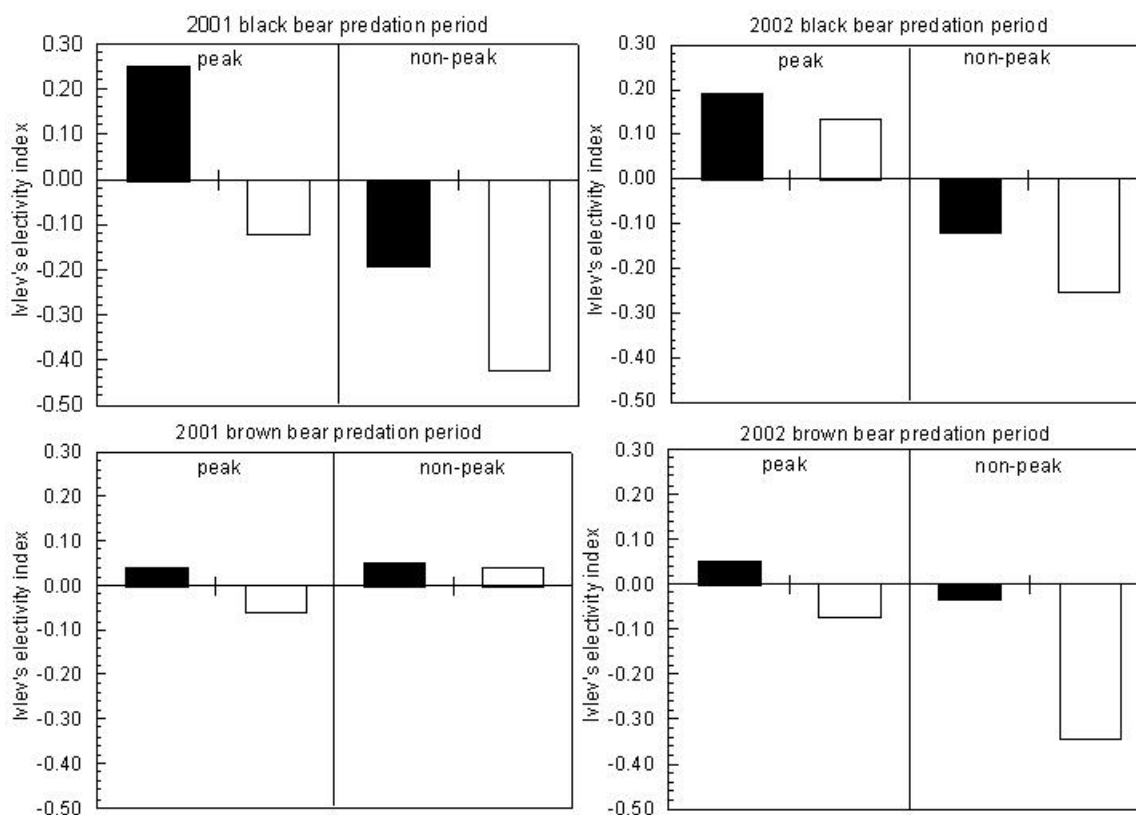


Figure 4.4. Sex-specific habitat-use patterns represented by Ivlev's indices of electivity for GPS-collared black bears ($n = 10$) during the peak and non-peak predation periods by other black bears (a) and brown bears (b) in McGrath, Alaska 2001 and 2002. Reference habitat preferences for black bears and brown bears are derived from the most prevalent habitat in which calf mortality-sites were located, specifically mixed-deciduous forest for all periods except for brown bears in 2001 where preference is for needleleaf forest (Chapter 2). Male and female black bears are represented by solid and open bars, respectively. Ivlev's electivity indices produce a value ranging from -1 to +1, with zero indicating use is equal to habitat availability, while positive and negative values indicate use more and less than expected, respectively.

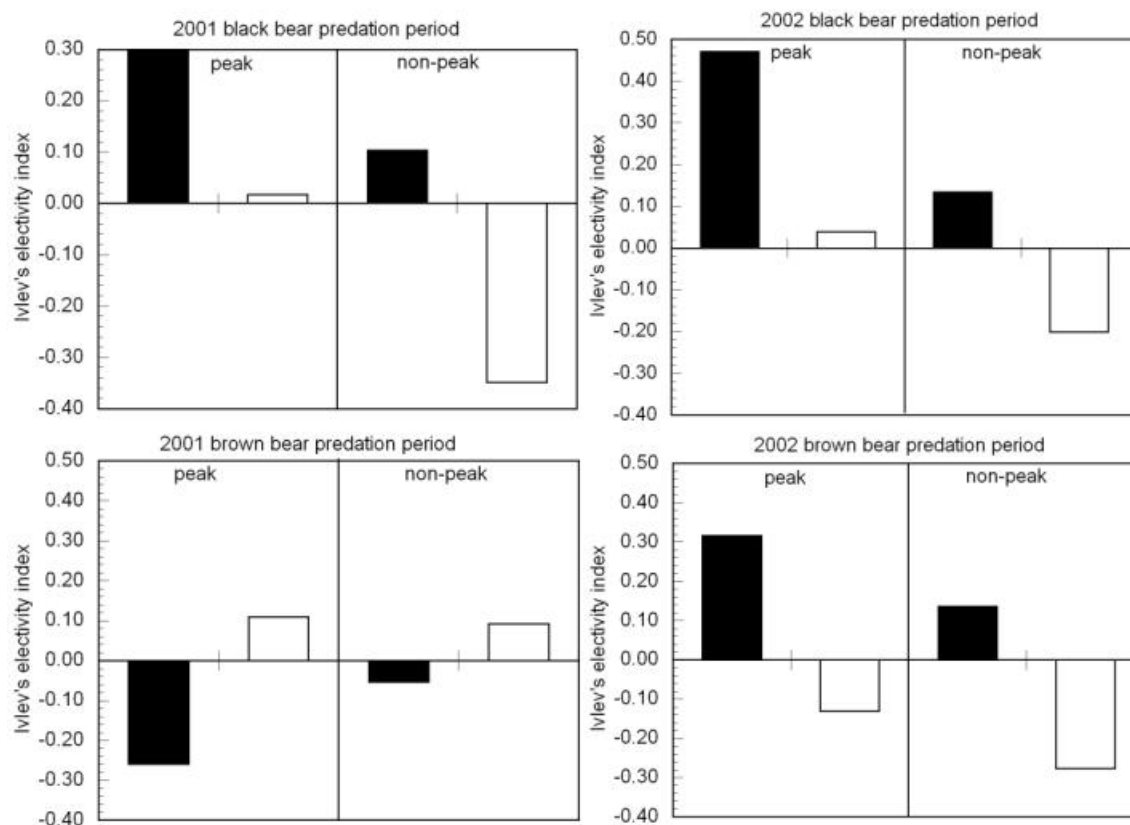


Figure 4.5. Age-specific habitat-use patterns represented by Ivlev's indices of electivity for GPS-collared black bears ($n = 10$) during the peak and non-peak predation periods by other black bears (a) and brown bears (b) in McGrath, Alaska 2001 and 2002. Reference habitat preferences for black bears and brown bears are derived from the most prevalent habitat in which calf mortality-sites were located, specifically mixed-deciduous forest for all periods except for brown bears in 2001 where preference is for needleleaf forest (Chapter 2). Juvenile and adult black bears are represented by solid and open bars, respectively. Ivlev's electivity indices produce a value ranging from -1 to +1, with zero indicating use is equal to habitat availability, while positive and negative values indicate use more and less than expected, respectively.

Table 4.1. Average habitat-use patterns and 90% confidence intervals of black bears, represented by Ivlev's indices of electivity for GPS-collared black bears (n = 10) during the peak and non-peak periods of predation by other black bears and brown bears in McGrath, Alaska, in 2001 and 2002. Reference habitat preferences for black bears and brown bears are derived from the most prevalent habitat in which calf mortality-site were located, specifically mixed-deciduous forest for all periods except for brown bears in 2001 where preference is for needleleaf forest (Chapter 2). Ivlev's electivity indices produce a value ranging from -1 to +1, with zero indicating that use is equal to habitat availability, while positive and negative values indicate use more or less than expected, respectively. Ninety percent confidence limits were estimated using the mean of the dataset and bootstrapping.

Predation period	Mean Ivlev's index	90% LCL, 90% UCL
Black Bear 2002 Peak	0.168	-0.089, 0.383
Black Bear 2002 Non Peak	-0.101	-0.359, 0.101
Black Bear 2001 Peak	0.101	-0.160, 0.287
Black Bear 2001 Non Peak	-0.213	-0.403, 0.058
Brown Bear 2002 Peak	0.003	-0.239, 0.207
Brown Bear 2002 Non Peak	-0.153	-0.396, 0.112
Brown Bear 2001 Peak	-0.002	-0.212, 0.188
Brown Bear 2001 Non Peak	0.048	-0.019, 0.128
Male Black Bear 2002 Peak	0.193	-0.210, 0.563
Male Black Bear 2002 Non Peak	-0.003	-0.332, 0.250
Female Black Bear 2002 Peak	0.130	-0.185, 0.320
Female Black Bear 2002 Non Peak	-0.248	-0.523, 0.065
Male Black Bear 2001 Peak	0.248	-0.030, 0.512
Male Black Bear 2001 Non Peak	-0.075	-0.363, 0.227
Female Black Bear 2001 Peak	-0.120	-0.460, 0.128
Female Black Bear 2001 Non Peak	-0.420	-0.703, -0.250
Male Brown Bear 2002 Peak	0.048	-0.230, 0.335
Male Brown Bear 2002 Non Peak	-0.030	-0.335, 0.267
Female Brown Bear 2002 Peak	-0.065	-0.515, 0.210
Female Brown Bear 2002 Non Peak	0.046	-0.248, 0.528
Male Brown Bear 2001 Peak	0.038	-0.130, 0.233
Male Brown Bear 2001 Non Peak	0.052	-0.060, 0.158
Female Brown Bear 2001 Peak	-0.063	-0.488, 0.263
Female Brown Bear 2001 Non Peak	0.043	-0.025, 0.105
Juvenile Black Bear 2002 Peak	0.470	0.167, 0.773
Juvenile Black Bear 2002 Non Peak	0.133	-0.177, 0.443
Adult Black Bear 2002 Peak	0.039	-0.226, 0.233
Adult Black Bear 2002 Non Peak	-0.201	-0.479, 0.130
Juvenile Black Bear 2001 Peak	0.297	-0.050, 0.590
Juvenile Black Bear 2001 Non Peak	0.103	-0.330, 0.380
Adult Black Bear 2001 Peak	0.017	-0.266, 0.259
Adult Black Bear 2001 Non Peak	-0.349	-0.630, -0.093
Juvenile Brown Bear 2002 Peak	0.317	0.063, 0.570
Juvenile Brown Bear 2002 Non Peak	0.137	-0.173, 0.600
Adult Brown Bear 2002 Peak	-0.131	-0.367, 0.097
Adult Brown Bear 2002 Non Peak	-0.277	-0.545, 0.016
Juvenile Brown Bear 2001 Peak	-0.260	-0.760, 0.010
Juvenile Brown Bear 2001 Non Peak	-0.053	-0.093, -0.013
Adult Brown Bear 2001 Peak	0.109	-0.051, 0.257
Adult Brown Bear 2001 Non Peak	0.091	-0.013, 0.184

Chapter 5

Conclusion

The overall goal of my thesis research was to gain a better ecological understanding of predator-prey movements and habitat use patterns in a multiple predator-one prey system. These results may be applied more broadly to predation studies, including those within other boreal forest landscapes and those in other biomes. In chapter two, the question of spatio-temporal patterning among sympatric predators was addressed from the perspective of seasonal partitioning of moose calves, drawing from concepts of classical niche theory. Chapter three analyzed movement patterns by GPS-collared black bears, in order to better understand their behavior relating to a pulse in seasonally-available prey during a period of high nutritional demand. Chapter four compared habitat use among black bears that were GPS-collared, their non-collared conspecifics, and brown bears during peak and off-peak periods of predation on moose calves. Hence, this research approached from many angles coexistence among species of the predator guild in the sub-Arctic, which may be constrained by lack of alternative primary prey during an energetically taxing period.

Niche theory

Understanding the functional role of a species is of primary importance, as it contributes to overall biological integrity within the community, when facing threats of species extinctions, habitat fragmentation, habitat loss, and global climate change. The niche of a species incorporates not only the suite of conditions, resources, and habitat

requirements needed for survival and reproduction, but also the occupation of the species within the community (Hutchinson 1957, Whittaker et al. 1973, Begon et al. 1996). The chapters presented in this thesis address some important aspects of the functional role of a boreal forest predator, specifically spatio-temporal resource partitioning, movement patterns, and habitat use. The concept of limiting similarity was developed to explain tight niche packing, whereby functionally similar species fill vacant niche space along principal niche dimensions, as observed in guilds (MacArthur and Levins 1967; Begon 1996). For example, black bears and brown bears are closely related omnivore species, sharing behavioral patterns (e.g., diel activity patterns, hunting style), and thus one would expect them to compete more intensely with each other than with a member of the carnivorous canid family. Competition between bear species may be minimized by exploitation of resources found within a given niche in a slightly different manner, thus making each bear species more dissimilar.

Spatio-temporal resource partitioning

In systems where there are a variety of prey species, differential prey selection facilitates in coexistence of multiple predator species (Koehler and Hornocker 1991, McDonald 2002, Sinclair et al. 2003, Carvalho and Gomes 2004). Partitioning of shared prey has frequently been studied in terms of time or space in both aquatic and terrestrial systems (Soluk and Collins 1988, Soluk 1993, Sokol-Hessner and Schmitz 2002, Gosselink et al. 2003). However, during spring in the sub-Arctic system, alternative large mammalian prey may not be available to the three large predators, as in my study. The seasonal abundance of moose calves, resulting from synchronous parturition, provides a protein-rich resource for black bears, brown bears, and gray wolves. Predation patterns

documented in chapter two of this thesis provide support that sympatric black bears and brown bears overlap in their timing of predation, but separate in habitats used in pursuit of moose calves. Results from the same work documented spatio-temporal separation of bears from wolves, which may contribute to their coexistence on this seasonally abundant prey resource. A study of another large Alaskan herbivore, specifically caribou (*Rangifer tarandus*), documented a temporal trend in bear predation on newborn moose early in parturition followed by late summer wolf predation (Adams et al. 1995). The calf mortality data analyzed in this thesis indicates that bear predation on moose calves occurs primarily early in the season, while that by wolves tends to persist later in the season of parturition.

In chapter three, post-denning movements of six black bears in the area encompassing moose calf locations at the onset of moose parturition were analyzed. Habitat use by bears near den-sites and moose calf capture locations were dominated by needleleaf forest habitat. The adaptive value for black bears to move to areas of highly nutritious vegetation, following den emergence, is similar to that experienced by parturient moose. In sub-Arctic Alaska, snow begins to melt and vegetation to emerge in lowland areas in early May (Bergerud and Page 1987, Smith 1994, Partridge et al. 2001). Movement patterns of black bears that were GPS-collared cannot confirm explicitly that these predators were converging on moose calves upon den emergence, but these data suggest that increased encounters between predator and prey were most likely at the onset of moose parturition.

Finally, coexistence of black bears and brown bears was further addressed in chapter four, where spatial segregation and overlap were investigated during periods of

peak and non-peak predation on moose calves. Using data from chapter two, temporal peaks in predation of moose calves were used to partition the spring-summer season of black bear activity. Similarly, primary habitats in which moose calf mortality was attributed to black bears and brown bears was compared to habitat used by GPS-collared black bears during the two time periods (e.g., denning, parturition). GPS-collared black bears overlapped in habitat use during the peak period of predation by conspecifics and competing brown bears (chapter 4). Predation theory suggests that avoidance behaviors relax in the presence of abundant prey (Schoener 1974). The birth pulse exhibited by moose in this system, which is highly predictive among years (Fig. 3.1) may alleviate competitive or aggressive interactions between black bears and brown bears or may promote a finer degree of spatial segregation when hunting moose calves at that time. Similarly, the increased abundance of moose calves on the landscape during a brief portion of the parturition season may eliminate the need for resource partitioning among the three predators entirely.

Improvements

Many advances have been made in GPS-collar technology since this study was undertaken in 2002, including longer battery life, superior antennae, and improvements in programming capabilities. The generation of collars used in our study did not provide the satellite-fix success as desired, with collars acquiring a fix 35%-59% of the time (Appendix B). One recommendation for further studies using GPS-collars on black bears would be to choose the model of collar best-suited for this species of bear that also performs well in boreal forest canopy. At the time of the study, use of GPS-collars was

limited due to their high cost and VHF radio-collars were still the most common means of tracking movements of animals in remote regions.

An additional suggestion for researchers working with black bears would be to increase the sample size of animals collared. Because of logistical and financial constraints of heli-darting and the high cost of early-model GPS-collars, I was limited to a sample size of 20 black bears. The goal of this study was to collar the same number of male and female black bears; however, males are more active than females during the early part of spring, making equal sampling by sex unrealistic. Additionally, as summer following black bear capture progressed, at least three known black bears were killed by conspecifics or brown bears. Several studies have documented the incidence of intra- and interspecific aggression among ursids (Boyd and Heger 2000, Swenson et al. 2001). Thus, accounting for expected losses in the initial study design by increasing sample size is highly recommended. Similarly, I would suggest keeping black bears GPS-collared for at least 2 years to decipher whether movement patterns are temporally stable. One additional suggestion to increase the power of this study would be to GPS-collar black bears in an area where moose and caribou are present. A comparison between research performed in McGrath, Alaska as related to a study in an area where predators may experience alternative prey choices may further resolve habitat-use patterns among predators in relation to their prey.

Overall implications

The objective of my thesis research was to integrate general ecology concepts with those of wildlife biology. By concentrating on movement patterns during the summer season, I focused on a period of predator activity that is tightly linked with its

primary prey. Pulses of moose calves, occurring during synchronous parturition, may provide such an abundance of prey that predator overlap in habitat use is permitted. Anti-predator behaviors, such as habitat avoidance and birth synchrony, are adaptations that large herbivores have evolved in part as a result of living among predators. Observing movement and habitat choice of both bear species during denning, and of moose during early spring, provides important information about decisions made by predators and prey concerning their own survival and that of their offspring. Furthermore, the aim of this thesis was to link movement of black bears to locations of prey at a time coincident with calving. It is my hope that such detailed data on spring habitat use and movement patterns of black bears can provide a baseline for wildlife managers to better manage seasonally important habitat for moose calves and to gain further understanding of the role of predation in this sub-Arctic system.

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Appendices

Appendix A- Sex and ages of GPS collared black bears spring 2002

Bear ID	Sex	Age	MCP Area
101	M	3	219.86 km ²
102	M	11	302.16 km ²
103	M	11	46.39 km ²
105	M	10	176.87 km ²
110	M	12	489.47 km ²
112	F	19+	53.81 km ²
115	M	3	76.49 km ²
116	F	9	64.41 km ²
117	F	3	114.45 km ²
118	F	10	30.59 km ²

Appendix B- Calf mortality data in McGrath, Alaska 2001-2002 (ADFG capture)

Year Moose Calf Mortality	Predator	Day of Year	Ducks Unlimited, Inc. Habitat
2001	black bear	138	17
2001	black bear	140	71
2001	black bear	140	16
2001	black bear	150	92
2001	black bear	150	17
2001	black bear	150	10
2001	black bear	151	17
2001	black bear	152	2
2001	black bear	154	37
2001	black bear	156	71
2001	black bear	158	2
2001	black bear	162	10
2001	black bear	172	17
2001	black bear	172	0
2001	black bear	178	4
2001	black bear	179	2
2001	black bear	193	71
2001	black bear	203	71
2001	brown bear	142	2
2001	brown bear	143	21
2001	brown bear	144	4
2001	brown bear	144	4
2001	brown bear	147	32
2001	brown bear	147	32
2001	brown bear	151	32
2001	brown bear	156	4
2001	brown bear	158	4
2001	brown bear	162	1
2001	brown bear	165	0
2001	brown bear	166	71
2001	brown bear	167	16
2001	brown bear	169	0
2001	brown bear	170	23
2001	brown bear	170	17
2001	brown bear	179	23
2001	gray wolf	149	2
2001	gray wolf	151	0
2001	gray wolf	154	70
2001	gray wolf	155	2
2001	gray wolf	175	2
2001	gray wolf	176	2
2001	gray wolf	216	2
2001	gray wolf	241	10
2001	gray wolf	244	2
2001	gray wolf	244	2

2001	gray wolf	244	1
2002	black bear	143	70
2002	black bear	145	16
2002	black bear	149	2
2002	black bear	149	2
2002	black bear	157	92
2002	black bear	158	2
2002	black bear	159	16
2002	black bear	166	16
2002	black bear	172	0
2002	black bear	174	10
2002	black bear	176	16
2002	black bear	177	17
2002	black bear	177	4
2002	black bear	184	17
2002	black bear	191	16
2002	black bear	205	2
2002	gray wolf	150	10
2002	gray wolf	152	32
2002	gray wolf	154	2
2002	gray wolf	156	4
2002	gray wolf	157	4
2002	gray wolf	160	71
2002	gray wolf	161	0
2002	gray wolf	161	71
2002	gray wolf	163	71
2002	gray wolf	166	4
2002	gray wolf	169	16
2002	gray wolf	171	2
2002	gray wolf	177	16
2002	gray wolf	184	2
2002	gray wolf	184	4
2002	gray wolf	205	2
2002	gray wolf	205	4
2002	brown bear	149	10
2002	brown bear	150	71
2002	brown bear	150	0
2002	brown bear	150	0
2002	brown bear	152	0
2002	brown bear	156	0
2002	brown bear	172	17
2002	brown bear	184	10
2002	brown bear	190	17
2002	brown bear	190	17
2002	brown bear	170	17
2002	brown bear	170	2
2002	brown bear	177	2

Appendix C- Kruskal-Wallis results of calf mortality data from McGrath, Alaska 2001-2002

Grouping variables	black bear brown bear gray wolf	black bear brown bear	black bear gray wolf	brown bear gray wolf
Sample size	$N_1 = 34$ $N_2 = 30$ $N_3 = 28$	$N_1 = 34$ $N_2 = 30$	$N_1 = 34$ $N_3 = 28$	$N_2 = 30$ $N_3 = 28$
Space	$R_1 = 48.75$ $R_2 = 52.97$ $R_3 = 36.84$	$R_1 = 30.84$ $R_2 = 34.38$	$R_1 = 35.41$ $R_3 = 26.75$	$N_2 = 34.08$ $N_3 = 24.59$
Time	$R_1 = 44.47$ $R_2 = 40.55$ $R_3 = 55.34$	$R_1 = 33.87$ $R_2 = 30.95$	$R_1 = 28.10$ $R_3 = 35.63$	$N_2 = 25.10$ $N_3 = 34.21$

Appendix D- GPS-collar fix success rate in McGrath, Alaska 2002-2003

Sex	Animal	Total fixes	# Fixed	% Fix Success
Male	101	1444	524	36.2
Male	104	1412	496	35.1
Male	105	1436	508	35.4
Male	106	1428	568	39.8
Male	107	1484	830	55.9
Male	110	1412	834	59.1
Female	112	1484	546	36.8
Male	113	1436	654	45.5
Male	114	1396	668	47.9
Female	116	1412	519	36.8
Male	118	1372	511	37.2
Female	120	1412	597	42.3

Appendix E- 32 Habitat classes 30 m Ducks Unlimited, Inc. vegetation grid & 7 reclassifications for analysis in McGrath, Alaska

30M DU classes combined	Habitat Description	Habitats Used for study
1_2_3_4_5_6	Closed Needleleaf	(1) needleleaf forest
	Open Needleleaf	
	Open Needleleaf - Lichen	
	Woodland Needleleaf	
	Woodland Ndl. - Lichen	
	Woodland Ndl. - Moss	
10_13_16_17	Closed Deciduous	(2) mixed-deciduous forest
	Open Deciduous	
	Closed Mixed Ndl./Decid.	
	Open Mixed Ndl./Decid.	
20_21_22_23_24_25_26_27	Tall Shrub	(3) shrub
	Low Shrub	
	Low Shrub - Lichen	
	Low Shrub - Tussock Tundra	
	Dwarf Shrub	
	Dwarf Shrub - Lichen	
	Low Shrub - Willow/Alder	
	Low Shrub - Wet	
32_36_37_42_50_51_61_80	Wet Graminoid	(4) graminoid/ sedge/ moss
	Lichen	
	Moss	
	Mesic/Dry Graminoid	
	Tussock Tundra	
	Tussock Tundra Lichen	
	Emergent	
	Sparse Vegetation	
70_73	Clear Water	(5) aquatic
	Turbid Water	
	Snow/Ice	
81_94_96_98	Rock/Gravel	(6) fire/ cloud cover
	Terrain Shadow	
	Fire Scar	
	Smoke	
0		(7) no data-out of grid extent

Appendix F- Metadata for vegetation grid and black bear and moose calf locations in McGrath, Alaska

Ducks Unlimited, Inc. Stony MOA (30 m vegetation grid)
Projection: NAD27 UTMZ5

Contact information:
Dan Fehringer
Ducks Unlimited, Inc.
3074 Gold Canal Drive
Rancho Cordova, CA 95670-6116

Black bear and moose calf locations
Projection: GCS WGS 1984(4326)

Appendix G- Ivlev's index of electivity for individual bears (n = 10) spring 2002, McGrath, Alaska

Bear	Sex	moose calf predation period by black bear	Ivlev's index 2002	Ivlev's index 2001
101	M	peak	+0.91	+0.83
		non-peak	+0.60	+0.50
102	M	peak	+0.52	+0.48
		non-peak	+0.24	+0.22
103	M	peak	-0.75	-0.37
		non-peak	-0.82	-0.89
105	M	peak	+0.08	+0.27
		non-peak	-0.31	-0.42
110	M	peak	+0.40	+0.33
		non-peak	+0.14	0
112	F	peak	+0.39	+0.33
		non-peak	-0.15	-0.24
115	M	peak	0	-0.05
		non-peak	+0.13	+0.14
116	F	peak	-0.11	-0.66
		non-peak	-0.79	-0.85
117	F	peak	+0.50	+0.11
		non-peak	-0.33	-0.33
118	F	peak	-0.26	-0.26
		non-peak	+0.28	-0.26

Bear	Sex	moose calf predation period by brown bear	Ivlev's index 2002	Ivlev's index 2001
101	M	peak	+0.80	+0.05
		non-peak	+0.60	+0.01
102	M	peak	-0.03	+0.09
		non-peak	+0.27	-0.12
103	M	peak	-0.75	-0.39
		non-peak	-0.85	+0.45
105	M	peak	+0.09	+0.56
		non-peak	-0.48	+0.08
110	M	peak	+0.14	-0.01
		non-peak	+0.14	0
112	F	peak	+0.11	+0.33
		non-peak	-0.26	+0.08
115	M	peak	+0.04	-0.07
		non-peak	+0.14	-0.11
116	F	peak	-0.79	+0.12
		non-peak	-0.79	+0.16
117	F	peak	+0.11	-0.76
		non-peak	-0.33	-0.06
118	F	peak	+0.31	+0.06
		non-peak	+0.03	-0.01

Appendix H- GPS-collared black bear (n = 6) data in McGrath, Alaska spring 2003

FIX	ID	Year	Mo	day	JulDay	TimeFrac	FixStat	Lat	Long	Alt	PDOP	HDOP	VDOP	TDOP	Activity	Habitat30M
Fix 1328	101	2003	4	23	113	0.8765	2D Fix --	62.8183	-155.0419	143	3	3	0	2	0.03	4
Fix 1329	101	2003	4	24	114	0.8757	3D Fix	62.8183	-155.042	143	5	2	4	4	0.05	4
Fix 1330	101	2003	4	25	115	0.8754	3D Fix	62.818	-155.0421	152	6	3	5	5	0.035	4
Fix 1331	101	2003	4	26	116	0.8757	3D Fix	62.818	-155.0421	150	5	2	5	4	0.035	4
Fix 1332	101	2003	4	27	117	0.8756	3D Fix	62.8183	-155.0426	153	5	2	5	4	0.075	4
Fix 1333	101	2003	4	28	118	0.8759	2D Fix --	62.8183	-155.0511	153	10	10	0	1	0.075	61
Fix 1334	101	2003	4	29	119	0.8758	3D Fix	62.8191	-155.0617	151	5	2	4	4	0.05	2
Fix 1335	101	2003	4	30	120	0.8768	2D Fix --	62.8228	-155.0654	151	17	17	1	1	0	2
Fix 1336	101	2003	5	1	121	0.0006	2D Fix --	62.8237	-155.0677	151	0	0	0	0	0.04	2
Fix 1339	101	2003	5	1	121	0.3764	2D Fix --	62.8239	-155.0675	151	3	3	0	1	0	32
Fix 1343	101	2003	5	1	121	0.8758	2D Fix --	62.8221	-155.0747	151	2	2	0	1	0.015	21
Fix 1344	101	2003	5	2	122	0.0009	3D Fix	62.8259	-155.0793	149	4	3	2	2	0.185	4
Fix 1345	101	2003	5	2	122	0.126	2D Fix --	62.8248	-155.0859	149	4	4	1	2	0.11	2
Fix 1347	101	2003	5	2	122	0.3754	3D Fix	62.8234	-155.085	148	4	2	3	2	0.015	4
Fix 1348	101	2003	5	2	122	0.5004	3D Fix	62.8233	-155.0848	123	4	3	3	2	0	2
Fix 1349	101	2003	5	2	122	0.6255	3D Fix	62.8233	-155.0848	132	5	3	4	3	0.02	2
Fix 1350	101	2003	5	2	122	0.7509	3D Fix	62.8231	-155.0861	132	5	2	5	3	0.08	2
Fix 1351	101	2003	5	2	122	0.8757	3D Fix	62.8217	-155.0866	132	7	3	6	5	0.015	4
Fix 1353	101	2003	5	3	123	0.126	2D Fix --	62.8194	-155.086	131	0	0	0	0	0.16	17
Fix 1354	101	2003	5	3	123	0.2513	2D Fix --	62.8202	-155.0934	132	0	0	0	0	0.015	4
Fix 1355	101	2003	5	3	123	0.3754	3D Fix	62.8203	-155.0933	132	4	3	3	2	0.01	4
Fix 1356	101	2003	5	3	123	0.5009	2D Fix --	62.8203	-155.0935	132	4	4	1	1	0.01	4
Fix 1357	101	2003	5	3	123	0.6267	2D Fix --	62.8202	-155.0942	132	7	7	1	2	0	2
Fix 1359	101	2003	5	3	123	0.8761	2D Fix --	62.8211	-155.0935	132	9	9	1	2	0.21	2
Fix 1361	101	2003	5	4	124	0.1254	3D Fix	62.8276	-155.1032	151	4	2	4	3	0.05	2
Fix 1363	101	2003	5	4	124	0.376	2D Fix --	62.8276	-155.1032	149	121	121	1	45	0.01	2
Fix 1364	101	2003	5	4	124	0.5012	2D Fix --	62.8276	-155.1033	149	0	0	0	0	0.01	2
Fix 1366	101	2003	5	4	124	0.7508	2D Fix --	62.8275	-155.1031	149	0	0	0	0	0.12	2
Fix 1367	101	2003	5	4	124	0.8754	3D Fix	62.829	-155.0951	153	6	3	6	4	0.01	21
Fix 1368	101	2003	5	5	125	0.0008	2D Fix --	62.8354	-155.0761	152	0	0	0	0	0.195	4
Fix 1371	101	2003	5	5	125	0.3762	2D Fix --	62.8346	-155.0648	151	0	0	0	0	0.005	2

FIX	ID	Year	Mo	day	JulDay	TimeFrac	FixStat	Lat	Long	Alt	PDOP	HDOP	VDOP	TDOP	Activity	Habitat30M
Fix 1372	101	2003	5	5	125	0.5013	2D Fix --	62.8344	-155.0645	151	2	2	1	1	0.01	32
Fix 1373	101	2003	5	5	125	0.6263	2D Fix --	62.8342	-155.0648	151	12	12	1	3	0.015	2
Fix 1374	101	2003	5	5	125	0.7516	2D Fix --	62.8346	-155.0646	151	0	0	0	0	0.05	2
Fix 1375	101	2003	5	5	125	0.877	3D Fix	62.8372	-155.0648	123	6	3	5	5	0.2	2
Fix 1379	101	2003	5	6	126	0.3761	2D Fix --	62.8415	-155.0625	123	0	0	0	0	0.01	2
Fix 1381	101	2003	5	6	126	0.6256	3D Fix	62.8416	-155.063	110	5	4	3	3	0.005	2
Fix 1385	101	2003	5	7	127	0.1262	2D Fix --	62.851	-155.0558	115	3	3	1	1	0.035	4
Fix 1389	101	2003	5	7	127	0.6267	2D Fix --	62.855	-155.0561	115	3	3	1	1	0.015	2
Fix 1390	101	2003	5	7	127	0.7516	2D Fix --	62.8584	-155.0607	115	11	11	0	4	0.28	4
Fix 1391	101	2003	5	7	127	0.8754	3D Fix	62.8649	-155.0683	131	5	3	4	3	0.525	2
Fix 1393	101	2003	5	8	128	0.1263	2D Fix --	62.8514	-154.9745	130	5	5	1	3	0.22	71
Fix 1394	101	2003	5	8	128	0.251	2D Fix --	62.838	-154.9685	130	0	0	0	0	0.01	2
Fix 1395	101	2003	5	8	128	0.3763	2D Fix --	62.838	-154.9688	131	7	7	1	4	0	2
Fix 1396	101	2003	5	8	128	0.5008	2D Fix --	62.838	-154.9688	131	2	2	1	1	0.005	2
Fix 1398	101	2003	5	8	128	0.7519	3D Fix	62.8379	-154.9688	134	6	3	6	4	0.195	2
Fix 1399	101	2003	5	8	128	0.8758	3D Fix	62.8364	-154.9661	135	5	4	3	2	0.335	2
Fix 1401	101	2003	5	9	129	0.1255	3D Fix	62.8403	-154.8869	135	3	2	2	2	0.01	2
Fix 1402	101	2003	5	9	129	0.252	2D Fix --	62.8499	-154.8625	134	0	0	0	0	0.085	2
Fix 1403	101	2003	5	9	129	0.3767	2D Fix --	62.85	-154.8619	134	0	0	0	0	0	2
Fix 1406	101	2003	5	9	129	0.7507	2D Fix --	62.8502	-154.863	134	0	0	0	0	0.005	2
Fix 1407	101	2003	5	9	129	0.8758	2D Fix --	62.8507	-154.8635	134	3	3	0	1	0.28	2
Fix 1408	101	2003	5	10	130	0.0009	3D Fix	62.8551	-154.8596	135	4	3	2	2	0.18	2
Fix 1409	101	2003	5	10	130	0.1266	2D Fix --	62.8549	-154.86	135	0	0	0	0	0.11	16
Fix 1410	101	2003	5	10	130	0.2508	2D Fix --	62.8549	-154.8598	135	0	0	0	0	0.135	16
Fix 1416	101	2003	5	11	131	0.0016	2D Fix --	62.855	-154.8595	135	0	0	0	0	0.14	2
Fix 1418	101	2003	5	11	131	0.2521	2D Fix --	62.8573	-154.8524	135	4	4	1	2	0.15	2
Fix 1421	101	2003	5	11	131	0.626	2D Fix --	62.8576	-154.8519	135	0	0	0	0	0.01	1
Fix 1424	101	2003	5	12	132	0.002	2D Fix --	62.8686	-154.8242	136	0	0	0	0	0.035	2
Fix 1425	101	2003	5	12	132	0.126	2D Fix --	62.8685	-154.8253	135	2	2	0	1	0.07	2
Fix 1426	101	2003	5	12	132	0.2509	2D Fix --	62.8688	-154.8251	135	0	0	0	0	0.05	2
Fix 1428	101	2003	5	12	132	0.5021	2D Fix --	62.8684	-154.8257	135	5	5	1	2	0	2
Fix 1429	101	2003	5	12	132	0.627	2D Fix --	62.8683	-154.8258	135	5	4	1	2	0.025	2
Fix 1430	101	2003	5	12	132	0.7517	2D Fix --	62.8689	-154.8259	135	0	0	0	0	0.04	2

FIX	ID	Year	Mo	day	JulDay	TimeFrac	FixStat	Lat	Long	Alt	PDOP	HDOP	VDOP	TDOP	Activity	Habitat30M
Fix 1431	101	2003	5	12	132	0.8758	2D Fix --	62.8692	-154.8265	135	0	0	0	0	0.05	2
Fix 1434	101	2003	5	13	133	0.2512	2D Fix --	62.8773	-154.8312	136	0	0	0	0	0.1	17
Fix 1435	101	2003	5	13	133	0.3762	3D Fix	62.8781	-154.8325	137	6	3	5	4	0.005	2
Fix 1438	101	2003	5	13	133	0.752	2D Fix --	62.8777	-154.8294	137	39	39	1	18	0.025	2
Fix 1439	101	2003	5	13	133	0.876	3D Fix	62.8782	-154.8294	136	6	4	4	3	0.075	16
Fix 1440	101	2003	5	14	134	0.0021	2D Fix --	62.8778	-154.8284	136	3	3	1	2	0.13	2
Fix 1443	101	2003	5	14	134	0.377	2D Fix --	62.8823	-154.8531	136	12	12	1	3	0.025	16
Fix 1445	101	2003	5	14	134	0.6254	3D Fix	62.8823	-154.853	139	6	4	4	4	0	16
Fix 1449	101	2003	5	15	135	0.126	2D Fix --	62.8847	-154.8504	136	4	4	1	1	0.05	2
Fix 1451	101	2003	5	15	135	0.376	2D Fix --	62.8858	-154.8513	136	5	5	1	2	0.015	2
Fix 1453	101	2003	5	15	135	0.6271	2D Fix --	62.8857	-154.8501	136	4	4	1	2	0.02	2
Fix 1454	101	2003	5	15	135	0.7519	2D Fix --	62.8866	-154.8497	136	3	3	0	1	0.025	2
Fix 1455	101	2003	5	15	135	0.876	2D Fix --	62.8878	-154.8482	136	8	8	0	3	0.245	16
Fix 1457	101	2003	5	16	136	0.1271	2D Fix --	62.897	-154.8646	137	4	4	1	1	0.145	70
Fix 1465	101	2003	5	17	137	0.1257	3D Fix	62.9084	-154.8536	134	4	2	4	2	0.04	43
Fix 1466	101	2003	5	17	137	0.2509	3D Fix	62.9046	-154.8504	132	4	2	4	3	0.02	2
Fix 1470	101	2003	5	17	137	0.7516	2D Fix --	62.8947	-154.8477	132	0	0	0	0	0.17	17
Fix 1471	101	2003	5	17	137	0.8758	2D Fix --	62.8927	-154.8461	132	3	3	0	1	0.17	2
Fix 1337	104	2003	4	17	107	0.8758	2D Fix --	62.7973	-155.8678	132	12	12	0	3	0.015	4
Fix 1338	104	2003	4	18	108	0.8758	2D Fix --	62.7971	-155.8677	132	2	2	0	1	0.005	4
Fix 1339	104	2003	4	19	109	0.8764	2D Fix --	62.7971	-155.8675	131	66	66	1	28	0.01	5
Fix 1341	104	2003	4	21	111	0.8758	2D Fix --	62.7971	-155.8677	131	2	2	0	1	0.02	4
Fix 1342	104	2003	4	22	112	0.877	2D Fix --	62.7978	-155.8681	131	3	3	1	1	0.025	4
Fix 1343	104	2003	4	23	113	0.8761	2D Fix --	62.7979	-155.8685	131	3	3	1	2	0.085	21
Fix 1345	104	2003	4	25	115	0.8764	2D Fix --	62.8073	-155.8155	134	3	3	0	2	0.015	37
Fix 1348	104	2003	4	28	118	0.8757	2D Fix --	62.8147	-155.7915	134	0	0	0	0	0.145	4
Fix 1352	104	2003	5	1	121	0.1264	3D Fix	62.7966	-155.7849	131	4	2	3	2	0.34	32
Fix 1353	104	2003	5	1	121	0.2504	3D Fix	62.8101	-155.7883	120	5	2	5	3	0.1	32
Fix 1355	104	2003	5	1	121	0.5006	3D Fix	62.8097	-155.7883	118	5	2	4	3	0	2
Fix 1356	104	2003	5	1	121	0.6258	2D Fix --	62.8098	-155.7884	118	2	2	0	1	0.105	2
Fix 1357	104	2003	5	1	121	0.7518	2D Fix --	62.8094	-155.7855	118	4	3	1	2	0.01	92
Fix 1361	104	2003	5	2	122	0.2508	2D Fix --	62.8099	-155.7877	118	3	3	0	1	0.165	21
Fix 1363	104	2003	5	2	122	0.5006	3D Fix	62.8094	-155.7856	118	4	1	4	2	0.005	92

FIX	ID	Year	Mo	day	JulDay	TimeFrac	FixStat	Lat	Long	Alt	PDOP	HDOP	VDOP	TDOP	Activity	Habitat30M
Fix 1364	104	2003	5	2	122	0.6264	2D Fix --	62.8099	-155.7881	118	0	0	0	0	0.355	21
Fix 1365	104	2003	5	2	122	0.7515	3D Fix	62.8096	-155.7847	116	5	2	5	3	0.005	92
Fix 1366	104	2003	5	2	122	0.8771	2D Fix --	62.8094	-155.7844	115	5	5	1	2	0.01	21
Fix 1367	104	2003	5	3	123	0.0008	2D Fix --	62.8099	-155.788	115	4	4	1	3	0.05	21
Fix 1368	104	2003	5	3	123	0.126	2D Fix --	62.8097	-155.7854	115	0	0	0	0	0.02	92
Fix 1369	104	2003	5	3	123	0.2511	2D Fix --	62.8096	-155.7854	115	5	4	1	2	0.01	92
Fix 1371	104	2003	5	3	123	0.501	2D Fix --	62.8099	-155.7881	115	3	3	1	1	0.09	21
Fix 1372	104	2003	5	3	123	0.6258	3D Fix	62.8079	-155.7881	114	3	2	2	1	0.285	61
Fix 1373	104	2003	5	3	123	0.751	2D Fix --	62.8081	-155.7849	114	3	3	1	1	0.01	21
Fix 1376	104	2003	5	4	124	0.1271	2D Fix --	62.8082	-155.7881	114	9	9	1	3	0.265	61
Fix 1377	104	2003	5	4	124	0.2516	2D Fix --	62.8137	-155.7929	114	0	0	0	0	0.425	4
Fix 1378	104	2003	5	4	124	0.3757	2D Fix --	62.8097	-155.8211	114	0	0	0	0	0.005	17
Fix 1381	104	2003	5	4	124	0.7509	2D Fix --	62.8066	-155.8086	114	0	0	0	0	0.29	21
Fix 1382	104	2003	5	4	124	0.8758	2D Fix --	62.8039	-155.8077	114	0	0	0	0	0.01	21
Fix 1384	104	2003	5	5	125	0.1261	2D Fix --	62.8082	-155.7966	114	11	11	1	3	0.565	21
Fix 1385	104	2003	5	5	125	0.2509	3D Fix	62.8137	-155.793	114	5	2	4	3	0.425	4
Fix 1386	104	2003	5	5	125	0.3758	2D Fix --	62.82	-155.7944	114	0	0	0	0	0.01	10
Fix 1387	104	2003	5	5	125	0.5005	2D Fix --	62.8202	-155.7948	114	0	0	0	0	0.005	10
Fix 1390	104	2003	5	5	125	0.8756	3D Fix	62.7998	-155.7234	114	6	3	5	4	0.01	10
Fix 1394	104	2003	5	6	126	0.3757	3D Fix	62.823	-155.6811	115	7	3	6	5	0	10
Fix 1398	104	2003	5	6	126	0.8765	2D Fix --	62.7835	-155.6529	115	4	4	0	1	0.66	2
Fix 1399	104	2003	5	7	127	0.0013	2D Fix --	62.7684	-155.6655	114	0	0	0	0	0.26	2
Fix 1400	104	2003	5	7	127	0.1261	3D Fix	62.7647	-155.6679	114	2	1	2	1	0.395	4
Fix 1401	104	2003	5	7	127	0.2521	2D Fix --	62.7507	-155.6675	111	6	6	1	3	0.21	17
Fix 1403	104	2003	5	7	127	0.5021	2D Fix --	62.7517	-155.6697	113	7	7	1	1	0.015	16
Fix 1404	104	2003	5	7	127	0.6257	2D Fix --	62.7515	-155.6697	113	0	0	0	0	0.075	16
Fix 1406	104	2003	5	7	127	0.8758	3D Fix	62.7545	-155.6566	114	5	3	4	3	0.015	80
Fix 1407	104	2003	5	8	128	0.0008	2D Fix --	62.7544	-155.6566	114	2	2	1	1	0.105	80
Fix 1408	104	2003	5	8	128	0.1261	2D Fix --	62.7534	-155.6642	114	0	0	0	0	0.32	16
Fix 1410	104	2003	5	8	128	0.3764	2D Fix --	62.7589	-155.7052	114	7	7	1	1	0.01	16
Fix 1412	104	2003	5	8	128	0.6261	2D Fix --	62.7587	-155.7051	114	4	4	1	2	0.005	16
Fix 1414	104	2003	5	8	128	0.8767	3D Fix	62.763	-155.7311	114	4	3	3	2	0.49	4
Fix 1421	104	2003	5	9	129	0.7513	2D Fix --	62.7912	-155.71	114	0	0	0	0	0.01	10

FIX	ID	Year	Mo	day	JulDay	TimeFrac	FixStat	Lat	Long	Alt	PDOP	HDOP	VDOP	TDOP	Activity	Habitat30M
Fix 1430	104	2003	5	10	130	0.8758	2D Fix --	62.7824	-155.7452	113	4	4	0	1	0.04	16
Fix 1433	104	2003	5	11	131	0.2516	2D Fix --	62.782	-155.7433	114	0	0	0	0	0.35	16
Fix 1436	104	2003	5	11	131	0.6258	3D Fix	62.7822	-155.7454	112	6	5	4	4	0.01	10
Fix 1438	104	2003	5	11	131	0.8769	2D Fix --	62.7822	-155.7455	112	0	0	0	0	0.33	10
Fix 1440	104	2003	5	12	132	0.1261	2D Fix --	62.7679	-155.7797	111	2	2	0	1	0.48	32
Fix 1442	104	2003	5	12	132	0.3771	2D Fix --	62.7524	-155.8479	111	3	3	0	1	0.015	10
Fix 1444	104	2003	5	12	132	0.6257	3D Fix	62.7592	-155.8521	127	6	4	4	4	0.45	2
Fix 1448	104	2003	5	13	133	0.127	2D Fix --	62.7663	-155.8501	128	2	2	0	1	0.015	5
Fix 1449	104	2003	5	13	133	0.2515	2D Fix --	62.7861	-155.8294	128	5	5	1	2	0.71	5
Fix 1347	105	2003	4	18	108	0.8757	3D Fix	62.8471	-155.7739	463	4	3	4	3	0.045	10
Fix 1354	105	2003	4	25	115	0.8758	2D Fix --	62.818	-155.7847	455	5	4	1	3	0.085	20
Fix 1355	105	2003	4	26	116	0.8761	3D Fix	62.8251	-155.7408	422	5	2	5	4	0.13	2
Fix 1356	105	2003	4	27	117	0.8761	2D Fix --	62.8536	-155.7118	423	0	0	0	0	0.105	93
Fix 1357	105	2003	4	28	118	0.8768	2D Fix --	62.877	-155.6516	423	7	7	1	2	0.05	93
Fix 1363	105	2003	5	1	121	0.376	2D Fix --	62.8563	-155.6919	421	9	9	1	1	0	93
Fix 1364	105	2003	5	1	121	0.5021	2D Fix --	62.8563	-155.693	422	4	4	1	1	0.005	93
Fix 1371	105	2003	5	2	122	0.3758	2D Fix --	62.8397	-155.6168	422	6	6	1	3	0.005	16
Fix 1394	105	2003	5	5	125	0.2517	2D Fix --	62.8323	-155.6074	422	0	0	0	0	0.3	81
Fix 1399	105	2003	5	5	125	0.8758	2D Fix --	62.8333	-155.6197	422	8	8	1	2	0.005	93
Fix 1407	105	2003	5	6	126	0.8771	2D Fix --	62.8543	-155.6731	424	9	9	1	2	0.275	92
Fix 1418	105	2003	5	8	128	0.2508	3D Fix	62.8203	-155.766	129	7	5	5	5	0.075	2
Fix 1419	105	2003	5	8	128	0.3755	2D Fix --	62.8203	-155.7661	129	71	71	1	23	0.005	2
Fix 1420	105	2003	5	8	128	0.5008	2D Fix --	62.8201	-155.766	129	0	0	0	0	0	2
Fix 1421	105	2003	5	8	128	0.6271	2D Fix --	62.8202	-155.7659	130	3	3	1	1	0	2
Fix 1422	105	2003	5	8	128	0.7521	2D Fix --	62.8205	-155.7659	129	7	7	1	1	0.005	2
Fix 1423	105	2003	5	8	128	0.8771	2D Fix --	62.8202	-155.766	129	5	4	1	1	0.255	2
Fix 1438	105	2003	5	10	130	0.7516	2D Fix --	62.8811	-155.6335	132	0	0	0	0	0	17
Fix 1444	105	2003	5	11	131	0.5012	2D Fix --	62.8656	-155.6809	129	12	12	1	2	0.01	17
Fix 1467	105	2003	5	14	134	0.3758	2D Fix --	62.8638	-155.6879	130	4	4	0	1	0	10
Fix 1477	105	2003	5	15	135	0.6261	3D Fix	62.7969	-155.7232	126	5	2	4	4	0.02	71
Fix 1482	105	2003	5	16	136	0.2511	2D Fix --	62.7973	-155.723	125	0	0	0	0	0.025	16
Fix 1485	105	2003	5	16	136	0.626	3D Fix	62.7972	-155.723	124	6	3	5	4	0.005	71
Fix 1486	105	2003	5	16	136	0.7509	2D Fix --	62.7973	-155.7232	124	0	0	0	0	0.045	16

FIX	ID	Year	Mo	day	JulDay	TimeFrac	FixStat	Lat	Long	Alt	PDOP	HDOP	VDOP	TDOP	Activity	Habitat30M
Fix 1355	110	2003	4	23	113	0.8759	3D Fix	62.9095	-155.4739	160	5	3	4	4	0.02	3
Fix 1356	110	2003	4	24	114	0.8754	3D Fix	62.9094	-155.473	142	4	2	4	3	0.03	2
Fix 1357	110	2003	4	25	115	0.8758	2D Fix --	62.9094	-155.4727	142	4	4	0	2	0.065	2
Fix 1358	110	2003	4	26	116	0.8754	3D Fix	62.9095	-155.4723	141	6	3	5	4	0.025	2
Fix 1359	110	2003	4	27	117	0.8754	3D Fix	62.8948	-155.4741	108	4	2	4	3	0.02	3
Fix 1360	110	2003	4	28	118	0.8754	3D Fix	62.8836	-155.4873	107	5	2	5	4	0.02	2
Fix 1361	110	2003	4	29	119	0.8754	3D Fix	62.8876	-155.5096	89	4	1	3	3	0.04	32
Fix 1362	110	2003	4	30	120	0.8758	2D Fix --	62.885	-155.5368	91	2	2	0	1	0	32
Fix 1363	110	2003	5	1	121	0.0008	2D Fix --	62.885	-155.5369	91	0	0	0	0	0.015	32
Fix 1364	110	2003	5	1	121	0.1261	2D Fix --	62.8851	-155.5367	91	0	0	0	0	0.315	2
Fix 1365	110	2003	5	1	121	0.2505	3D Fix	62.8728	-155.5772	91	4	3	2	2	0.39	16
Fix 1366	110	2003	5	1	121	0.3754	3D Fix	62.8715	-155.5756	75	6	2	5	5	0	16
Fix 1367	110	2003	5	1	121	0.5011	2D Fix --	62.8716	-155.5745	75	0	0	0	0	0.015	16
Fix 1368	110	2003	5	1	121	0.6264	2D Fix --	62.8717	-155.5755	79	0	0	0	0	0.02	16
Fix 1369	110	2003	5	1	121	0.7521	2D Fix --	62.8715	-155.5753	79	2	2	0	1	0.005	16
Fix 1370	110	2003	5	1	121	0.8754	3D Fix	62.8692	-155.5525	110	5	2	5	4	0.14	2
Fix 1372	110	2003	5	2	122	0.1261	2D Fix --	62.8678	-155.5466	110	3	3	1	2	0.01	2
Fix 1373	110	2003	5	2	122	0.251	2D Fix --	62.8678	-155.5466	110	4	4	0	2	0.21	2
Fix 1374	110	2003	5	2	122	0.3755	3D Fix	62.8666	-155.5776	136	4	2	4	3	0.005	10
Fix 1376	110	2003	5	2	122	0.6261	2D Fix --	62.8667	-155.5777	134	0	0	0	0	0	10
Fix 1377	110	2003	5	2	122	0.7507	3D Fix	62.8666	-155.5777	133	4	3	3	2	0.01	10
Fix 1380	110	2003	5	3	123	0.1258	2D Fix --	62.8648	-155.5779	133	2	2	1	1	0.01	20
Fix 1381	110	2003	5	3	123	0.2517	2D Fix --	62.8653	-155.578	133	0	0	0	0	0.04	10
Fix 1382	110	2003	5	3	123	0.3765	2D Fix --	62.8655	-155.5781	133	9	9	1	6	0.005	10
Fix 1383	110	2003	5	3	123	0.5006	2D Fix --	62.8655	-155.5777	133	0	0	0	0	0.015	32
Fix 1386	110	2003	5	3	123	0.8761	3D Fix	62.8677	-155.5469	132	6	5	4	4	0.03	2
Fix 1387	110	2003	5	4	124	0.0011	2D Fix --	62.8679	-155.5467	132	3	2	1	1	0.01	2
Fix 1388	110	2003	5	4	124	0.126	2D Fix --	62.8679	-155.5472	132	3	3	1	2	0.005	2
Fix 1389	110	2003	5	4	124	0.2515	3D Fix	62.8678	-155.5468	130	5	3	4	3	0.385	2
Fix 1390	110	2003	5	4	124	0.376	2D Fix --	62.8764	-155.496	130	9	9	1	5	0.15	32
Fix 1391	110	2003	5	4	124	0.5004	3D Fix	62.8797	-155.4875	90	5	2	4	3	0	1
Fix 1392	110	2003	5	4	124	0.6254	3D Fix	62.8798	-155.4876	104	3	2	2	2	0.005	2
Fix 1393	110	2003	5	4	124	0.7508	2D Fix --	62.8835	-155.4888	104	5	5	1	3	0.27	61

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Fix 1394	110	2003	5	4	124	0.8756	3D Fix	62.8885	-155.4699	108	6	2	6	5	0.01	4
Fix 1396	110	2003	5	5	125	0.1263	2D Fix --	62.889	-155.4698	110	0	0	0	0	0.02	2
Fix 1397	110	2003	5	5	125	0.2506	3D Fix	62.9123	-155.4572	114	4	2	4	3	0.465	3
Fix 1400	110	2003	5	5	125	0.6255	3D Fix	62.9053	-155.4081	117	2	1	2	1	0.01	2
Fix 1401	110	2003	5	5	125	0.7515	2D Fix --	62.9046	-155.4088	122	3	3	1	1	0.005	2
Fix 1402	110	2003	5	5	125	0.8769	2D Fix --	62.9051	-155.4086	122	8	8	1	2	0.01	2
Fix 1403	110	2003	5	6	126	0.0004	3D Fix	62.9048	-155.409	158	3	2	3	2	0.005	2
Fix 1404	110	2003	5	6	126	0.1258	2D Fix --	62.9048	-155.4089	161	2	2	0	1	0.01	2
Fix 1405	110	2003	5	6	126	0.2504	3D Fix	62.9049	-155.4089	162	3	2	3	2	0.025	2
Fix 1406	110	2003	5	6	126	0.3756	3D Fix	62.8748	-155.3949	161	7	2	6	5	0.145	2
Fix 1407	110	2003	5	6	126	0.5021	2D Fix --	62.867	-155.3934	160	4	4	1	3	0.01	5
Fix 1408	110	2003	5	6	126	0.6258	2D Fix --	62.8642	-155.3701	161	2	2	0	1	0.465	4
Fix 1409	110	2003	5	6	126	0.7508	3D Fix	62.8548	-155.3159	160	4	2	4	3	0.07	2
Fix 1410	110	2003	5	6	126	0.8754	3D Fix	62.8548	-155.3149	160	4	2	4	3	0.015	3
Fix 1411	110	2003	5	7	127	0.0006	3D Fix	62.8548	-155.3149	144	5	4	3	4	0.01	3
Fix 1412	110	2003	5	7	127	0.1258	2D Fix --	62.8549	-155.3162	144	3	2	1	1	0.005	2
Fix 1413	110	2003	5	7	127	0.2514	2D Fix --	62.8549	-155.3159	144	3	3	0	2	0.275	2
Fix 1414	110	2003	5	7	127	0.3754	3D Fix	62.8463	-155.2993	155	3	1	2	2	0	2
Fix 1416	110	2003	5	7	127	0.6258	2D Fix --	62.8463	-155.2994	155	2	2	0	1	0	5
Fix 1417	110	2003	5	7	127	0.7508	2D Fix --	62.8463	-155.2993	156	2	2	0	1	0.115	2
Fix 1418	110	2003	5	7	127	0.8758	3D Fix	62.8457	-155.3274	156	6	3	5	4	0.195	3
Fix 1420	110	2003	5	8	128	0.1254	3D Fix	62.8442	-155.3277	154	2	2	2	1	0.415	2
Fix 1422	110	2003	5	8	128	0.3758	2D Fix --	62.8245	-155.3897	154	2	2	0	1	0.01	5
Fix 1423	110	2003	5	8	128	0.501	3D Fix	62.8244	-155.3898	154	6	5	3	2	0.02	5
Fix 1424	110	2003	5	8	128	0.6257	3D Fix	62.8244	-155.3897	153	4	3	2	2	0	5
Fix 1425	110	2003	5	8	128	0.7508	2D Fix --	62.8245	-155.3898	153	1	1	0	1	0.005	5
Fix 1426	110	2003	5	8	128	0.8758	3D Fix	62.8234	-155.3857	150	4	3	2	2	0.455	2
Fix 1427	110	2003	5	9	129	0.0013	3D Fix	62.7936	-155.4179	148	3	2	2	2	0.28	4
Fix 1428	110	2003	5	9	129	0.1258	2D Fix --	62.7922	-155.4352	148	2	2	1	1	0.05	2
Fix 1429	110	2003	5	9	129	0.2504	3D Fix	62.7979	-155.4606	132	5	2	4	3	0.555	2
Fix 1430	110	2003	5	9	129	0.3754	3D Fix	62.8089	-155.4747	138	5	2	5	3	0.01	2
Fix 1431	110	2003	5	9	129	0.5008	2D Fix --	62.8089	-155.4747	138	2	2	0	1	0.01	2
Fix 1432	110	2003	5	9	129	0.6261	2D Fix --	62.8089	-155.4747	138	3	3	1	1	0.01	2

FIX	ID	Year	Mo	day	JulDay	TimeFrac	FixStat	Lat	Long	Alt	PDOP	HDOP	VDOP	TDOP	Activity	Habitat30M
Fix 1433	110	2003	5	9	129	0.7504	3D Fix	62.8089	-155.4745	121	5	3	5	4	0.015	2
Fix 1434	110	2003	5	9	129	0.8768	2D Fix --	62.8089	-155.4746	121	2	2	1	1	0.055	2
Fix 1435	110	2003	5	10	130	0.002	2D Fix --	62.8359	-155.4972	123	0	0	0	0	0.605	3
Fix 1436	110	2003	5	10	130	0.1261	3D Fix	62.8664	-155.5075	109	3	2	3	2	0.01	16
Fix 1437	110	2003	5	10	130	0.2515	3D Fix	62.8797	-155.491	109	4	2	4	3	0.14	70
Fix 1438	110	2003	5	10	130	0.3765	3D Fix	62.8885	-155.5071	109	4	2	3	2	0.005	2
Fix 1440	110	2003	5	10	130	0.627	3D Fix	62.8882	-155.5068	110	3	2	3	2	0.005	4
Fix 1441	110	2003	5	10	130	0.7513	2D Fix --	62.8881	-155.5075	111	12	12	1	3	0.005	32
Fix 1442	110	2003	5	10	130	0.8769	2D Fix --	62.8891	-155.5073	111	0	0	0	0	0.02	2
Fix 1443	110	2003	5	11	131	0.001	2D Fix --	62.8886	-155.5219	111	3	2	1	1	0.385	2
Fix 1448	110	2003	5	11	131	0.6257	2D Fix --	62.905	-155.4849	111	0	0	0	0	0.29	2
Fix 1449	110	2003	5	11	131	0.7504	3D Fix	62.904	-155.4853	109	4	2	4	3	0.01	2
Fix 1450	110	2003	5	11	131	0.8756	3D Fix	62.9039	-155.4854	109	5	3	4	3	0.195	2
Fix 1452	110	2003	5	12	132	0.1257	2D Fix --	62.9046	-155.4853	108	0	0	0	0	0.01	2
Fix 1453	110	2003	5	12	132	0.2511	2D Fix --	62.9051	-155.4849	108	3	3	1	1	0.195	2
Fix 1456	110	2003	5	12	132	0.6266	2D Fix --	62.9045	-155.4855	108	0	0	0	0	0.03	2
Fix 1457	110	2003	5	12	132	0.7508	2D Fix --	62.9046	-155.4854	108	3	3	1	1	0.02	2
Fix 1458	110	2003	5	12	132	0.876	2D Fix --	62.9055	-155.485	109	29	29	1	6	0.31	2
Fix 1460	110	2003	5	13	133	0.1271	2D Fix --	62.9049	-155.4846	108	10	9	1	1	0.25	2
Fix 1462	110	2003	5	13	133	0.3758	2D Fix --	62.8807	-155.4205	108	10	10	1	5	0.01	2
Fix 1464	110	2003	5	13	133	0.6254	3D Fix	62.8801	-155.4191	153	5	2	4	3	0	2
Fix 1465	110	2003	5	13	133	0.7507	3D Fix	62.8802	-155.4191	170	4	2	4	3	0.015	2
Fix 1470	110	2003	5	14	134	0.3768	2D Fix --	62.903	-155.4845	172	0	0	0	0	0.06	4
Fix 1323	112	2003	4	26	116	0.8758	3D Fix	62.8949	-155.7065	366	6	3	6	5	0.015	17
Fix 1324	112	2003	4	27	117	0.8758	2D Fix --	62.8956	-155.7049	357	3	3	0	1	0.015	17
Fix 1325	112	2003	4	28	118	0.8764	2D Fix --	62.8955	-155.7069	357	0	0	0	0	0.01	10
Fix 1326	112	2003	4	29	119	0.8754	3D Fix	62.896	-155.7062	170	6	4	5	4	0.015	17
Fix 1327	112	2003	4	30	120	0.876	2D Fix --	62.8964	-155.7059	170	10	10	1	2	0	2
Fix 1329	112	2003	5	1	121	0.1259	2D Fix --	62.8962	-155.7058	170	0	0	0	0	0.025	2
Fix 1330	112	2003	5	1	121	0.2517	2D Fix --	62.8965	-155.7066	170	8	8	0	2	0.005	2
Fix 1331	112	2003	5	1	121	0.3771	2D Fix --	62.8961	-155.7058	170	0	0	0	0	0.005	2
Fix 1332	112	2003	5	1	121	0.5008	2D Fix --	62.8959	-155.7058	170	5	5	1	2	0	17
Fix 1335	112	2003	5	1	121	0.8758	2D Fix --	62.8962	-155.7062	170	3	3	0	1	0.035	17

FIX	ID	Year	Mo	day	JulDay	TimeFrac	FixStat	Lat	Long	Alt	PDOP	HDOP	VDOP	TDOP	Activity	Habitat30M
Fix 1337	112	2003	5	2	122	0.1261	2D Fix --	62.8963	-155.707	170	6	6	1	5	0.02	2
Fix 1338	112	2003	5	2	122	0.2507	3D Fix	62.8961	-155.7062	174	6	2	6	4	0.01	17
Fix 1339	112	2003	5	2	122	0.3754	3D Fix	62.896	-155.7062	210	4	2	4	3	0	17
Fix 1341	112	2003	5	2	122	0.6258	3D Fix	62.896	-155.7062	208	6	4	5	5	0	17
Fix 1342	112	2003	5	2	122	0.7511	2D Fix --	62.8959	-155.7061	208	3	3	1	2	0.035	17
Fix 1343	112	2003	5	2	122	0.8755	2D Fix --	62.8962	-155.7063	208	0	0	0	0	0.025	17
Fix 1349	112	2003	5	3	123	0.6258	2D Fix --	62.896	-155.7062	208	4	4	1	2	0.01	17
Fix 1350	112	2003	5	3	123	0.7507	3D Fix	62.8959	-155.7064	208	5	3	4	3	0.015	17
Fix 1351	112	2003	5	3	123	0.8758	3D Fix	62.8958	-155.7061	207	5	2	4	3	0.02	17
Fix 1355	112	2003	5	4	124	0.3769	2D Fix --	62.8969	-155.7034	207	6	6	1	3	0.005	17
Fix 1356	112	2003	5	4	124	0.5011	2D Fix --	62.8966	-155.7033	207	7	7	1	1	0	17
Fix 1363	112	2003	5	5	125	0.3758	2D Fix --	62.8962	-155.7033	207	6	6	0	1	0.005	2
Fix 1366	112	2003	5	5	125	0.7517	2D Fix --	62.8968	-155.7029	207	0	0	0	0	0.005	17
Fix 1374	112	2003	5	6	126	0.7519	2D Fix --	62.8973	-155.7014	207	0	0	0	0	0.015	17
Fix 1375	112	2003	5	6	126	0.876	2D Fix --	62.8977	-155.7015	207	0	0	0	0	0.02	17
Fix 1385	112	2003	5	8	128	0.1265	2D Fix --	62.8964	-155.6998	207	0	0	0	0	0.005	10
Fix 1390	112	2003	5	8	128	0.7518	2D Fix --	62.8965	-155.7002	207	3	2	1	1	0.03	17
Fix 1391	112	2003	5	8	128	0.8755	2D Fix --	62.8957	-155.7002	207	0	0	0	0	0.01	17
Fix 1392	112	2003	5	9	129	0.001	2D Fix --	62.8957	-155.699	207	4	3	1	2	0.02	10
Fix 1395	112	2003	5	9	129	0.3771	2D Fix --	62.8966	-155.6999	207	3	3	1	1	0.005	10
Fix 1397	112	2003	5	9	129	0.6263	2D Fix --	62.8962	-155.6984	207	4	4	1	2	0.005	17
Fix 1401	112	2003	5	10	130	0.1268	2D Fix --	62.8981	-155.692	207	11	11	1	3	0.015	17
Fix 1403	112	2003	5	10	130	0.3758	2D Fix --	62.8995	-155.6941	207	3	3	0	1	0	2
Fix 1406	112	2003	5	10	130	0.7508	2D Fix --	62.8993	-155.6941	207	3	3	1	1	0.03	2
Fix 1408	112	2003	5	11	131	0.0014	2D Fix --	62.8986	-155.694	207	0	0	0	0	0.05	2
Fix 1409	112	2003	5	11	131	0.1258	2D Fix --	62.8994	-155.6939	207	4	4	1	1	0.01	2
Fix 1411	112	2003	5	11	131	0.3771	2D Fix --	62.901	-155.6941	208	3	3	0	1	0.005	2
Fix 1413	112	2003	5	11	131	0.6257	3D Fix	62.9012	-155.6939	211	6	5	4	4	0.005	2
Fix 1415	112	2003	5	11	131	0.8768	2D Fix --	62.9023	-155.6929	212	2	2	1	1	0.025	17
Fix 1425	112	2003	5	13	133	0.1258	2D Fix --	62.9003	-155.6799	212	6	6	1	2	0.005	10
Fix 1427	112	2003	5	13	133	0.3758	2D Fix --	62.9006	-155.6809	212	3	3	0	1	0.005	17
Fix 1429	112	2003	5	13	133	0.6254	3D Fix	62.9007	-155.6807	256	5	2	4	3	0.02	17
Fix 1431	112	2003	5	13	133	0.8758	2D Fix --	62.8996	-155.6802	256	3	3	0	1	0.015	17

FIX	ID	Year	Mo	day	JulDay	TimeFrac	FixStat	Lat	Long	Alt	PDOP	HDOP	VDOP	TDOP	Activity	Habitat30M
Fix 1433	112	2003	5	14	134	0.1266	2D Fix --	62.8998	-155.6776	256	0	0	0	0	0.015	10
Fix 1435	112	2003	5	14	134	0.3762	2D Fix --	62.8998	-155.6755	256	3	3	1	1	0.01	10
Fix 1438	112	2003	5	14	134	0.7515	2D Fix --	62.9002	-155.6748	256	2	2	0	1	0.015	10
Fix 1450	112	2003	5	16	136	0.2511	2D Fix --	62.9062	-155.6583	256	0	0	0	0	0.11	10
Fix 1451	112	2003	5	16	136	0.3765	2D Fix --	62.9043	-155.6596	256	0	0	0	0	0.005	17
Fix 1453	112	2003	5	16	136	0.626	2D Fix --	62.9047	-155.6589	256	0	0	0	0	0.03	17
Fix 1454	112	2003	5	16	136	0.751	2D Fix --	62.9044	-155.6596	256	4	4	1	2	0.015	10
Fix 1462	112	2003	5	17	137	0.7513	2D Fix --	62.9312	-155.6093	258	0	0	0	0	0.015	17
Fix 1463	112	2003	5	17	137	0.8763	2D Fix --	62.9302	-155.6051	256	0	0	0	0	0.02	10
Fix 1468	112	2003	5	18	138	0.5008	2D Fix --	62.9321	-155.6021	256	7	7	1	1	0.01	17
Fix 1469	112	2003	5	18	138	0.6261	2D Fix --	62.9307	-155.5997	256	4	3	1	2	0.005	10
Fix 1470	112	2003	5	18	138	0.7516	2D Fix --	62.9327	-155.5982	246	0	0	0	0	0.09	10
Fix 1471	112	2003	5	18	138	0.8763	2D Fix --	62.9337	-155.5952	245	10	10	1	3	0.005	93
Fix 1475	112	2003	5	19	139	0.3768	2D Fix --	62.9341	-155.5982	245	0	0	0	0	0.02	10
Fix 1476	112	2003	5	19	139	0.5015	2D Fix --	62.9343	-155.5983	245	2	2	1	1	0	10
Fix 1477	112	2003	5	19	139	0.6258	3D Fix	62.9338	-155.5983	117	5	2	5	4	0.015	10
Fix 1479	112	2003	5	19	139	0.8766	2D Fix --	62.9339	-155.5971	117	0	0	0	0	0.015	10
Fix 1484	112	2003	5	20	140	0.501	2D Fix --	62.9317	-155.5997	117	5	5	1	1	0.02	10
Fix 1486	112	2003	5	20	140	0.7514	2D Fix --	62.93	-155.5988	117	0	0	0	0	0.02	10
Fix 1489	112	2003	5	21	141	0.1254	3D Fix	62.9297	-155.6066	128	4	2	4	3	0.005	10
Fix 1495	112	2003	5	21	141	0.8771	2D Fix --	62.9332	-155.6095	129	3	3	1	1	0.015	17
Fix 1496	112	2003	5	22	142	0.002	2D Fix --	62.934	-155.609	128	0	0	0	0	0.01	17
Fix 1497	112	2003	5	22	142	0.1258	2D Fix --	62.9342	-155.6096	128	8	8	1	1	0.015	16
Fix 1501	112	2003	5	22	142	0.627	2D Fix --	62.9336	-155.6171	128	0	0	0	0	0.01	70
Fix 1505	112	2003	5	23	143	0.126	2D Fix --	62.9351	-155.6144	128	0	0	0	0	0.01	16
Fix 1508	112	2003	5	23	143	0.501	2D Fix --	62.9363	-155.6136	128	2	2	1	1	0.005	16
Fix 1509	112	2003	5	23	143	0.6268	2D Fix --	62.9363	-155.6138	128	0	0	0	0	0.005	16
Fix 1511	112	2003	5	23	143	0.876	2D Fix --	62.9454	-155.6101	128	8	8	1	4	0	20
Fix 1303	118	2003	4	23	113	0.8761	3D Fix	62.9771	-155.9008	254	5	2	4	4	0.015	2
Fix 1305	118	2003	4	25	115	0.8761	2D Fix --	62.9771	-155.9005	255	2	2	0	1	0.01	17
Fix 1306	118	2003	4	26	116	0.8758	2D Fix --	62.9771	-155.9005	255	4	4	0	2	0.015	17
Fix 1308	118	2003	4	28	118	0.8761	2D Fix --	62.977	-155.9009	255	2	2	0	1	0.01	2
Fix 1309	118	2003	4	29	119	0.877	2D Fix --	62.9771	-155.9011	255	0	0	0	0	0.01	2

FIX	ID	Year	Mo	day	JulDay	TimeFrac	FixStat	Lat	Long	Alt	PDOP	HDOP	VDOP	TDOP	Activity	Habitat30M
Fix 1310	118	2003	4	30	120	0.8754	3D Fix	62.9771	-155.9006	243	6	2	5	5	0	2
Fix 1311	118	2003	5	1	121	0.0008	2D Fix --	62.9773	-155.8999	243	11	11	1	6	0.015	3
Fix 1312	118	2003	5	1	121	0.1258	3D Fix	62.9772	-155.9008	242	5	3	4	3	0.01	2
Fix 1313	118	2003	5	1	121	0.251	2D Fix --	62.9771	-155.9009	242	3	3	1	1	0	2
Fix 1317	118	2003	5	1	121	0.7516	3D Fix	62.9761	-155.8995	243	3	1	3	2	0.01	2
Fix 1318	118	2003	5	1	121	0.8757	3D Fix	62.9761	-155.8994	243	5	2	5	4	0.01	2
Fix 1321	118	2003	5	2	122	0.2508	2D Fix --	62.9772	-155.9006	243	2	2	0	1	0	17
Fix 1323	118	2003	5	2	122	0.5008	2D Fix --	62.977	-155.9008	243	6	6	0	1	0	2
Fix 1325	118	2003	5	2	122	0.7507	3D Fix	62.9774	-155.8998	244	3	1	3	2	0.01	3
Fix 1326	118	2003	5	2	122	0.8761	3D Fix	62.9775	-155.8994	244	5	3	4	3	0.105	17
Fix 1330	118	2003	5	3	123	0.3762	2D Fix --	62.9817	-155.8843	244	2	2	1	1	0.005	17
Fix 1333	118	2003	5	3	123	0.7506	2D Fix --	62.9814	-155.8834	244	0	0	0	0	0.03	17
Fix 1338	118	2003	5	4	124	0.3758	2D Fix --	62.9771	-155.9008	244	2	2	0	1	0	2
Fix 1339	118	2003	5	4	124	0.5015	2D Fix --	62.9771	-155.9007	244	5	5	1	3	0.005	2
Fix 1340	118	2003	5	4	124	0.6256	2D Fix --	62.977	-155.901	244	0	0	0	0	0.015	2
Fix 1341	118	2003	5	4	124	0.7513	2D Fix --	62.9771	-155.9009	244	0	0	0	0	0.07	2
Fix 1342	118	2003	5	4	124	0.8758	3D Fix	62.9773	-155.9009	243	4	3	3	3	0.05	2
Fix 1343	118	2003	5	5	125	0.0008	2D Fix --	62.9768	-155.9002	243	3	3	1	2	0.015	17
Fix 1344	118	2003	5	5	125	0.1271	2D Fix --	62.9765	-155.8998	243	2	2	1	1	0.005	17
Fix 1345	118	2003	5	5	125	0.2505	2D Fix --	62.9764	-155.8999	243	0	0	0	0	0.005	17
Fix 1348	118	2003	5	5	125	0.626	2D Fix --	62.9765	-155.8999	243	0	0	0	0	0.01	17
Fix 1349	118	2003	5	5	125	0.7508	2D Fix --	62.9765	-155.8998	243	8	8	1	1	0.01	17
Fix 1350	118	2003	5	5	125	0.876	2D Fix --	62.9765	-155.8997	243	0	0	0	0	0.095	17
Fix 1351	118	2003	5	6	126	0.0014	2D Fix --	62.9752	-155.8988	243	0	0	0	0	0.035	2
Fix 1355	118	2003	5	6	126	0.5015	2D Fix --	62.9759	-155.8994	243	2	2	1	1	0	2
Fix 1356	118	2003	5	6	126	0.6257	2D Fix --	62.9759	-155.8994	243	0	0	0	0	0.01	2
Fix 1358	118	2003	5	6	126	0.8769	3D Fix	62.9762	-155.8989	243	6	3	5	5	0.055	2
Fix 1360	118	2003	5	7	127	0.1263	2D Fix --	62.976	-155.8994	243	0	0	0	0	0	2
Fix 1361	118	2003	5	7	127	0.2509	2D Fix --	62.976	-155.8996	243	0	0	0	0	0.005	2
Fix 1362	118	2003	5	7	127	0.3758	2D Fix --	62.9758	-155.8994	243	0	0	0	0	0	2
Fix 1365	118	2003	5	7	127	0.7517	2D Fix --	62.9759	-155.8994	243	0	0	0	0	0.03	2
Fix 1366	118	2003	5	7	127	0.8763	2D Fix --	62.9748	-155.8978	243	10	10	1	3	0.085	17
Fix 1367	118	2003	5	8	128	0.0007	3D Fix	62.9679	-155.8702	240	4	3	3	3	0.01	2

FIX	ID	Year	Mo	day	JulDay	TimeFrac	FixStat	Lat	Long	Alt	PDOP	HDOP	VDOP	TDOP	Activity	Habitat30M
Fix 1368	118	2003	5	8	128	0.1269	3D Fix	62.9683	-155.8698	238	6	2	6	4	0.03	17
Fix 1369	118	2003	5	8	128	0.252	2D Fix --	62.9692	-155.8657	238	0	0	0	0	0.015	2
Fix 1370	118	2003	5	8	128	0.3758	2D Fix --	62.9695	-155.8657	238	6	6	0	1	0.005	2
Fix 1371	118	2003	5	8	128	0.5012	2D Fix --	62.9692	-155.8654	238	4	4	1	3	0.005	17
Fix 1372	118	2003	5	8	128	0.6269	3D Fix	62.969	-155.8659	214	6	3	4	2	0.02	2
Fix 1373	118	2003	5	8	128	0.752	3D Fix	62.9691	-155.8661	215	6	2	6	4	0.04	2
Fix 1374	118	2003	5	8	128	0.8771	2D Fix --	62.969	-155.8658	216	6	6	0	1	0.06	2
Fix 1376	118	2003	5	9	129	0.1265	2D Fix --	62.9774	-155.8647	216	3	3	1	1	0.165	2
Fix 1377	118	2003	5	9	129	0.251	2D Fix --	62.994	-155.854	216	58	58	1	21	0.015	17
Fix 1378	118	2003	5	9	129	0.3758	2D Fix --	62.994	-155.8546	216	8	8	1	4	0	17
Fix 1380	118	2003	5	9	129	0.6263	2D Fix --	62.9939	-155.8544	216	0	0	0	0	0.005	17
Fix 1381	118	2003	5	9	129	0.7508	2D Fix --	62.9939	-155.854	216	2	2	0	1	0.03	17
Fix 1382	118	2003	5	9	129	0.8757	3D Fix	62.9939	-155.8541	220	5	3	4	3	0.01	17
Fix 1386	118	2003	5	10	130	0.3757	3D Fix	63.0134	-155.8516	213	6	2	5	4	0	93
Fix 1388	118	2003	5	10	130	0.6264	2D Fix --	63.0146	-155.8546	208	2	2	0	1	0.02	71
Fix 1393	118	2003	5	11	131	0.2509	3D Fix	63.0151	-155.8549	204	4	2	4	3	0.03	71
Fix 1396	118	2003	5	11	131	0.6265	2D Fix --	63.0152	-155.8544	201	0	0	0	0	0.005	71
Fix 1398	118	2003	5	11	131	0.8758	2D Fix --	63.0137	-155.8521	201	7	7	0	3	0.015	93
Fix 1402	118	2003	5	12	132	0.3757	3D Fix	63.0149	-155.855	109	6	3	5	4	0.005	71
Fix 1404	118	2003	5	12	132	0.6266	2D Fix --	63.015	-155.855	109	2	2	1	1	0.025	71
Fix 1406	118	2003	5	12	132	0.8758	2D Fix --	63.0136	-155.8545	109	3	3	0	1	0.015	10
Fix 1410	118	2003	5	13	133	0.3762	2D Fix --	63.0151	-155.855	109	3	3	1	1	0	71
Fix 1412	118	2003	5	13	133	0.626	2D Fix --	63.0149	-155.855	109	3	3	1	1	0.005	71
Fix 1413	118	2003	5	13	133	0.7508	2D Fix --	63.0152	-155.8545	109	7	7	1	2	0.02	71
Fix 1414	118	2003	5	13	133	0.8767	2D Fix --	63.0149	-155.8552	109	4	4	1	1	0.015	71
Fix 1419	118	2003	5	14	134	0.5021	2D Fix --	63.0147	-155.8479	109	2	2	1	1	0	93
Fix 1420	118	2003	5	14	134	0.6261	2D Fix --	63.0147	-155.848	109	2	2	0	1	0.01	93
Fix 1421	118	2003	5	14	134	0.7521	2D Fix --	63.0151	-155.8482	109	7	7	1	2	0.03	93
Fix 1422	118	2003	5	14	134	0.8757	3D Fix	63.0145	-155.8486	110	6	4	5	5	0.03	93
Fix 1429	118	2003	5	15	135	0.7515	2D Fix --	63.0128	-155.8451	110	0	0	0	0	0.015	17
Fix 1430	118	2003	5	15	135	0.8758	2D Fix --	63.0128	-155.8469	110	2	2	0	1	0.01	10

Appendix I- GPS-collared black bear (n = 10) data in McGrath, Alaska spring 2002

FIX	Id	Year	Mo	Day	JulDay	TimeFrac	FixStat	Lat	Long	Alt	PDOP	HDOP	VDOP	TDOP	Activity	Habitat30M
Fix 108	101	2002	5	27	147	0.0011	2D Fix --	62.8639	-155.0891	138	3	2	1	1	0.1700	2
Fix 109	101	2002	5	27	147	0.1259	2D Fix --	62.8645	-155.0685	138	2	2	1	1	0.1300	2
Fix 111	101	2002	5	27	147	0.3758	2D Fix --	62.8549	-155.0619	138	3	3	0	1	0.0150	2
Fix 113	101	2002	5	27	147	0.6261	3D Fix	62.8518	-155.0616	137	6	5	4	4	0.1800	4
Fix 114	101	2002	5	27	147	0.7509	2D Fix --	62.8453	-155.0642	137	0	0	0	0	0.1150	16
Fix 115	101	2002	5	27	147	0.8761	2D Fix --	62.8454	-155.0660	137	5	5	1	2	0.1400	4
Fix 117	101	2002	5	28	148	0.1261	3D Fix	62.8447	-155.0649	133	5	2	4	3	0.1000	16
Fix 119	101	2002	5	28	148	0.3758	2D Fix --	62.8447	-155.0607	134	5	5	0	2	0.0650	10
Fix 120	101	2002	5	28	148	0.5008	2D Fix --	62.8447	-155.0607	134	2	2	0	1	0.0200	10
Fix 121	101	2002	5	28	148	0.6258	2D Fix --	62.8459	-155.0607	134	1	1	0	0	0.0400	16
Fix 122	101	2002	5	28	148	0.7508	3D Fix	62.8453	-155.0602	131	6	2	6	4	0.2150	16
Fix 125	101	2002	5	29	149	0.1263	2D Fix --	62.8327	-155.0679	130	2	2	0	1	0.0950	10
Fix 127	101	2002	5	29	149	0.3764	2D Fix --	62.8242	-155.0715	130	7	7	1	4	0.1450	32
Fix 129	101	2002	5	29	149	0.6257	3D Fix	62.8230	-155.0720	131	5	3	4	2	0.1350	2
Fix 130	101	2002	5	29	149	0.7515	2D Fix --	62.8069	-155.0527	131	2	2	0	1	0.5200	4
Fix 133	101	2002	5	30	150	0.1257	2D Fix --	62.7672	-154.9638	131	0	0	0	0	0.3100	2
Fix 134	101	2002	5	30	150	0.2511	2D Fix --	62.7678	-154.9507	132	0	0	0	0	0.3100	4
Fix 143	101	2002	5	31	151	0.3758	2D Fix --	62.7880	-154.9268	132	7	7	1	4	0.0250	2
Fix 149	101	2002	6	1	152	0.1258	2D Fix --	62.8061	-154.9007	132	4	4	1	2	0.1750	4
Fix 150	101	2002	6	1	152	0.2504	3D Fix	62.8147	-154.9639	151	5	3	4	3	0.6450	2
Fix 151	101	2002	6	1	152	0.3767	3D Fix	62.8322	-155.0439	152	5	3	4	3	0.5100	2
Fix 152	101	2002	6	1	152	0.5006	2D Fix --	62.8393	-155.0594	153	0	0	0	0	0.0050	17
Fix 153	101	2002	6	1	152	0.6254	3D Fix	62.8392	-155.0593	141	6	3	5	4	0.0600	17
Fix 155	101	2002	6	1	152	0.8765	2D Fix --	62.8451	-155.0656	143	2	2	0	1	0.0650	21
Fix 158	101	2002	6	2	153	0.2513	3D Fix	62.8440	-155.0646	143	5	2	4	3	0.3450	17
Fix 159	101	2002	6	2	153	0.3769	2D Fix --	62.8455	-155.0664	143	7	7	1	1	0.2000	4
Fix 162	101	2002	6	2	153	0.7518	2D Fix --	62.8459	-155.0659	143	0	0	0	0	0.1900	2
Fix 163	101	2002	6	2	153	0.8757	2D Fix --	62.8464	-155.0646	143	0	0	0	0	0.2550	2
Fix 165	101	2002	6	3	154	0.1271	2D Fix --	62.8519	-155.0561	144	2	2	1	1	0.1150	2
Fix 166	101	2002	6	3	154	0.2514	2D Fix --	62.8586	-155.0585	143	0	0	0	0	0.2600	4
Fix 170	101	2002	6	3	154	0.7511	2D Fix --	62.8676	-155.0591	143	5	5	1	2	0.2250	4

Fix 173	101	2002	6	4	155	0.1270	2D Fix --	62.8688	-155.0562	143	0	0	0	0	0.2600	17
Fix 178	101	2002	6	4	155	0.7514	2D Fix --	62.8660	-155.0700	142	35	35	1	13	0.1700	2
Fix 180	101	2002	6	5	156	0.0010	2D Fix --	62.8662	-155.0653	142	4	3	1	2	0.1250	16
Fix 181	101	2002	6	5	156	0.1263	3D Fix	62.8667	-155.0652	141	7	4	5	3	0.2500	2
Fix 182	101	2002	6	5	156	0.2506	3D Fix	62.8614	-155.0646	140	5	2	4	3	0.3250	2
Fix 183	101	2002	6	5	156	0.3759	2D Fix --	62.8478	-155.0792	139	5	5	0	1	0.4100	2
Fix 184	101	2002	6	5	156	0.5020	2D Fix --	62.8591	-155.0618	140	0	0	0	0	0.1350	4
Fix 185	101	2002	6	5	156	0.6258	3D Fix	62.8588	-155.0623	139	7	3	6	5	0.3750	4
Fix 186	101	2002	6	5	156	0.7517	2D Fix --	62.8589	-155.0713	139	0	0	0	0	0.0800	2
Fix 189	101	2002	6	6	157	0.1264	2D Fix --	62.8589	-155.0711	139	5	4	1	2	0.1150	2
Fix 190	101	2002	6	6	157	0.2516	2D Fix --	62.8589	-155.0714	139	0	0	0	0	0.1750	2
Fix 194	101	2002	6	6	157	0.7511	2D Fix --	62.8594	-155.0645	139	6	6	0	1	0.0950	2
Fix 196	101	2002	6	7	158	0.0017	2D Fix --	62.8588	-155.0686	139	0	0	0	0	0.0250	16
Fix 197	101	2002	6	7	158	0.1261	2D Fix --	62.8589	-155.0685	139	0	0	0	0	0.1450	16
Fix 198	101	2002	6	7	158	0.2518	2D Fix --	62.8598	-155.0596	139	0	0	0	0	0.2250	4
Fix 199	101	2002	6	7	158	0.3761	2D Fix --	62.8449	-155.0652	138	3	3	1	1	0.1850	4
Fix 206	101	2002	6	8	159	0.2515	2D Fix --	62.8169	-155.0845	138	3	3	1	1	0.2300	4
Fix 207	101	2002	6	8	159	0.3761	2D Fix --	62.8098	-155.0975	139	10	10	1	2	0.1150	16
Fix 208	101	2002	6	8	159	0.5010	2D Fix --	62.8083	-155.0974	139	3	3	1	1	0.1800	2
Fix 210	101	2002	6	8	159	0.7508	2D Fix --	62.7973	-155.0949	139	4	4	0	1	0.0600	2
Fix 211	101	2002	6	8	159	0.8766	2D Fix --	62.7964	-155.0954	139	0	0	0	0	0.2850	10
Fix 212	101	2002	6	9	160	0.0021	2D Fix --	62.7889	-155.1015	139	0	0	0	0	0.0350	32
Fix 213	101	2002	6	9	160	0.1261	2D Fix --	62.7888	-155.1017	139	0	0	0	0	0.4300	32
Fix 215	101	2002	6	9	160	0.3767	2D Fix --	62.7321	-154.9876	139	3	3	0	2	0.6850	2
Fix 218	101	2002	6	9	160	0.7516	2D Fix --	62.7084	-154.9332	138	0	0	0	0	0.0150	16
Fix 221	101	2002	6	10	161	0.1263	2D Fix --	62.7078	-154.9318	139	5	5	1	2	0.2200	2
Fix 222	101	2002	6	10	161	0.2508	2D Fix --	62.7077	-154.9316	139	0	0	0	0	0.2250	16
Fix 225	101	2002	6	10	161	0.6260	2D Fix --	62.7075	-154.9411	139	2	2	1	1	0.0850	2
Fix 229	101	2002	6	11	162	0.1267	2D Fix --	62.7071	-154.9453	139	0	0	0	0	0.1700	2
Fix 237	101	2002	6	12	163	0.1259	2D Fix --	62.7008	-154.9728	138	0	0	0	0	0.2000	17
Fix 238	101	2002	6	12	163	0.2521	2D Fix --	62.6987	-154.9727	139	0	0	0	0	0.2750	16
Fix 242	101	2002	6	12	163	0.7521	2D Fix --	62.7019	-154.9659	139	0	0	0	0	0.2450	2
Fix 243	101	2002	6	12	163	0.8762	2D Fix --	62.7041	-154.9603	140	0	0	0	0	0.0900	4
Fix 245	101	2002	6	13	164	0.1265	2D Fix --	62.7043	-154.9597	139	0	0	0	0	0.2300	4

Fix 258	101	2002	6	14	165	0.7505	3D Fix	62.7705	-154.9513	140	5	4	4	4	0.0850	2
Fix 259	101	2002	6	14	165	0.8758	2D Fix --	62.7698	-154.9506	140	6	6	1	1	0.1650	32
Fix 262	101	2002	6	15	166	0.2521	2D Fix --	62.7697	-154.9545	140	0	0	0	0	0.3650	2
Fix 263	101	2002	6	15	166	0.3764	2D Fix --	62.7689	-154.9379	140	0	0	0	0	0.5250	2
Fix 266	101	2002	6	15	166	0.7517	2D Fix --	62.7395	-154.8740	139	6	6	1	2	0.2000	2
Fix 268	101	2002	6	16	167	0.0018	2D Fix --	62.7413	-154.8750	140	2	2	0	1	0.0250	2
Fix 273	101	2002	6	16	167	0.6258	2D Fix --	62.7263	-154.9196	138	0	0	0	0	0.3100	2
Fix 274	101	2002	6	16	167	0.7511	2D Fix --	62.7153	-154.9516	140	3	3	0	1	0.4700	61
Fix 275	101	2002	6	16	167	0.8765	2D Fix --	62.7045	-154.9519	139	0	0	0	0	0.0550	2
Fix 276	101	2002	6	17	168	0.0007	2D Fix --	62.7045	-154.9521	140	0	0	0	0	0.0400	2
Fix 280	101	2002	6	17	168	0.5013	2D Fix --	62.7015	-154.9849	140	0	0	0	0	0.1900	2
Fix 282	101	2002	6	17	168	0.7514	2D Fix --	62.7016	-154.9911	140	0	0	0	0	0.1700	2
Fix 287	101	2002	6	18	169	0.3770	3D Fix	62.7090	-154.9936	141	5	3	4	4	0.1500	2
Fix 289	101	2002	6	18	169	0.6264	2D Fix --	62.7049	-154.9956	141	0	0	0	0	0.3750	2
Fix 290	101	2002	6	18	169	0.7508	3D Fix	62.7086	-155.0031	143	4	2	3	3	0.1950	4
Fix 291	101	2002	6	18	169	0.8761	3D Fix	62.7094	-154.9972	149	5	4	3	3	0.1950	32
Fix 294	101	2002	6	19	170	0.2515	3D Fix	62.7073	-154.9963	150	4	3	2	2	0.1850	2
Fix 296	101	2002	6	19	170	0.5008	2D Fix --	62.7099	-154.9981	150	6	6	1	3	0.2150	2
Fix 298	101	2002	6	19	170	0.7509	2D Fix --	62.7051	-154.9936	150	16	16	1	5	0.1450	2
Fix 299	101	2002	6	19	170	0.8764	2D Fix --	62.6951	-154.9991	150	0	0	0	0	0.0150	2
Fix 300	101	2002	6	20	171	0.0010	2D Fix --	62.6951	-154.9992	150	3	3	1	1	0.1750	2
Fix 302	101	2002	6	20	171	0.2508	2D Fix --	62.7047	-154.9962	150	4	4	1	2	0.1250	2
Fix 303	101	2002	6	20	171	0.3768	2D Fix --	62.7036	-154.9939	150	0	0	0	0	0.1700	2
Fix 304	101	2002	6	20	171	0.5008	2D Fix --	62.7045	-154.9920	150	11	11	1	1	0.1300	2
Fix 305	101	2002	6	20	171	0.6271	2D Fix --	62.7023	-154.9922	150	0	0	0	0	0.1650	2
Fix 306	101	2002	6	20	171	0.7520	2D Fix --	62.7033	-154.9935	150	3	3	0	1	0.1400	2
Fix 307	101	2002	6	20	171	0.8771	2D Fix --	62.7046	-154.9917	150	4	4	1	3	0.0400	2
Fix 309	101	2002	6	21	172	0.1260	2D Fix --	62.7051	-154.9932	150	3	3	0	1	0.0550	2
Fix 312	101	2002	6	21	172	0.5011	2D Fix --	62.6988	-154.9915	150	0	0	0	0	0.0650	2
Fix 314	101	2002	6	21	172	0.7509	2D Fix --	62.7059	-155.0308	151	0	0	0	0	0.7050	21
Fix 318	101	2002	6	22	173	0.2521	2D Fix --	62.7401	-155.0949	152	0	0	0	0	0.1850	3
Fix 320	101	2002	6	22	173	0.5010	2D Fix --	62.7453	-155.0601	150	0	0	0	0	0.3950	2
Fix 322	101	2002	6	22	173	0.7512	2D Fix --	62.7131	-154.9942	149	0	0	0	0	0.1950	2
Fix 326	101	2002	6	23	174	0.2510	2D Fix --	62.7125	-154.9910	150	3	3	1	1	0.1950	2

Fix 327	101	2002	6	23	174	0.3758	2D Fix --	62.7076	-154.9955	150	3	2	1	1	0.0650	2
Fix 328	101	2002	6	23	174	0.5008	2D Fix --	62.7075	-154.9955	150	0	0	0	0	0.1500	2
Fix 330	101	2002	6	23	174	0.7521	2D Fix --	62.7076	-154.9962	150	4	4	1	1	0.1050	2
Fix 331	101	2002	6	23	174	0.8767	2D Fix --	62.7052	-154.9940	150	3	2	1	1	0.1700	2
Fix 332	101	2002	6	24	175	0.0008	2D Fix --	62.7045	-154.9892	150	4	4	1	3	0.0200	2
Fix 333	101	2002	6	24	175	0.1258	2D Fix --	62.7046	-154.9891	150	0	0	0	0	0.0850	2
Fix 334	101	2002	6	24	175	0.2510	2D Fix --	62.7068	-154.9854	150	0	0	0	0	0.2200	2
Fix 335	101	2002	6	24	175	0.3761	2D Fix --	62.7041	-154.9921	150	0	0	0	0	0.1350	2
Fix 340	101	2002	6	25	176	0.0015	3D Fix	62.7556	-155.0150	155	4	2	3	2	0.0650	2
Fix 341	101	2002	6	25	176	0.1271	2D Fix --	62.7555	-155.0150	155	2	2	1	1	0.2150	2
Fix 342	101	2002	6	25	176	0.2513	2D Fix --	62.7658	-155.0250	155	0	0	0	0	0.1800	4
Fix 344	101	2002	6	25	176	0.5008	2D Fix --	62.8079	-155.0861	155	4	4	1	3	0.0100	2
Fix 349	101	2002	6	26	177	0.1270	2D Fix --	62.8168	-155.0950	155	0	0	0	0	0.4250	2
Fix 350	101	2002	6	26	177	0.2510	2D Fix --	62.8161	-155.0846	155	4	4	1	2	0.2800	4
Fix 355	101	2002	6	26	177	0.8765	2D Fix --	62.8258	-155.0765	155	0	0	0	0	0.0450	4
Fix 357	101	2002	6	27	178	0.1271	2D Fix --	62.8258	-155.0756	155	10	10	1	1	0.3050	2
Fix 358	101	2002	6	27	178	0.2510	2D Fix --	62.8279	-155.0564	155	3	3	1	1	0.3100	32
Fix 359	101	2002	6	27	178	0.3770	2D Fix --	62.7996	-155.0349	146	0	0	0	0	0.3250	43
Fix 361	101	2002	6	27	178	0.6259	2D Fix --	62.7711	-155.1094	154	3	3	1	2	0.0900	2
Fix 362	101	2002	6	27	178	0.7508	2D Fix --	62.7713	-155.1094	155	5	5	1	3	0.1550	4
Fix 368	101	2002	6	28	179	0.5018	2D Fix --	62.7961	-155.0968	156	0	0	0	0	0.1250	16
Fix 369	101	2002	6	28	179	0.6256	2D Fix --	62.8001	-155.1020	155	0	0	0	0	0.2700	2
Fix 371	101	2002	6	28	179	0.8770	2D Fix --	62.8032	-155.0989	155	4	4	1	2	0.2200	3
Fix 374	101	2002	6	29	180	0.2508	2D Fix --	62.8030	-155.0986	155	3	3	0	1	0.0500	2
Fix 375	101	2002	6	29	180	0.3760	2D Fix --	62.8029	-155.0986	155	0	0	0	0	0.2400	2
Fix 376	101	2002	6	29	180	0.5008	2D Fix --	62.8029	-155.0988	155	4	4	1	2	0.0350	2
Fix 377	101	2002	6	29	180	0.6257	2D Fix --	62.8027	-155.0984	155	0	0	0	0	0.1750	2
Fix 380	101	2002	6	30	181	0.0008	3D Fix	62.8031	-155.0986	154	3	2	2	2	0.1750	2
Fix 381	101	2002	6	30	181	0.1259	3D Fix	62.8030	-155.0987	138	5	3	4	3	0.2050	2
Fix 382	101	2002	6	30	181	0.2517	2D Fix --	62.7981	-155.1048	138	2	2	0	1	0.3150	32
Fix 383	101	2002	6	30	181	0.3761	2D Fix --	62.8147	-155.0921	138	3	3	1	1	0.0350	2
Fix 390	101	2002	7	1	182	0.2510	2D Fix --	62.8357	-155.0655	138	0	0	0	0	0.3700	16
Fix 393	101	2002	7	1	182	0.6265	2D Fix --	62.8593	-155.0568	139	0	0	0	0	0.3700	2
Fix 402	101	2002	7	2	183	0.7510	2D Fix --	62.8607	-155.0746	138	0	0	0	0	0.1950	2

Fix 403	101	2002	7	2	183	0.8771	2D Fix --	62.8617	-155.0937	138	0	0	0	0	0.0250	2
Fix 405	101	2002	7	3	184	0.1268	2D Fix --	62.8619	-155.0907	138	4	4	1	2	0.2000	2
Fix 406	101	2002	7	3	184	0.2514	2D Fix --	62.8641	-155.1082	138	0	0	0	0	0.3750	32
Fix 417	101	2002	7	4	185	0.6266	2D Fix --	62.8198	-155.0812	135	0	0	0	0	0.2150	2
Fix 418	101	2002	7	4	185	0.7517	2D Fix --	62.8126	-155.0878	138	3	3	0	1	0.2700	2
Fix 421	101	2002	7	5	186	0.1264	2D Fix --	62.8030	-155.0988	138	4	4	0	2	0.3100	2
Fix 422	101	2002	7	5	186	0.2521	2D Fix --	62.7860	-155.1218	137	11	11	0	4	0.1400	2
Fix 423	101	2002	7	5	186	0.3768	2D Fix --	62.7832	-155.1216	138	0	0	0	0	0.4350	4
Fix 424	101	2002	7	5	186	0.5014	2D Fix --	62.7848	-155.1098	138	5	5	1	1	0.0100	2
Fix 427	101	2002	7	5	186	0.8760	2D Fix --	62.7670	-155.1144	138	4	4	1	1	0.2950	4
Fix 430	101	2002	7	6	187	0.2512	2D Fix --	62.7603	-155.1022	136	15	15	1	5	0.6350	2
Fix 432	101	2002	7	6	187	0.5008	2D Fix --	62.7723	-155.1040	138	2	2	0	1	0.0250	2
Fix 434	101	2002	7	6	187	0.7510	2D Fix --	62.7704	-155.1163	138	0	0	0	0	0.1000	4
Fix 435	101	2002	7	6	187	0.8761	2D Fix --	62.7750	-155.1190	138	0	0	0	0	0.0900	2
Fix 440	101	2002	7	7	188	0.5013	3D Fix	62.7908	-155.1122	139	3	2	3	2	0.0600	4
Fix 442	101	2002	7	7	188	0.7508	2D Fix --	62.8030	-155.0986	139	3	3	0	1	0.4050	2
Fix 446	101	2002	7	8	189	0.2508	3D Fix	62.8059	-155.0834	143	6	4	5	5	0.3600	2
Fix 448	101	2002	7	8	189	0.5010	2D Fix --	62.8107	-155.0889	143	3	3	1	1	0.0450	2
Fix 449	101	2002	7	8	189	0.6260	2D Fix --	62.8128	-155.0902	143	6	6	1	1	0.0700	2
Fix 450	101	2002	7	8	189	0.7512	3D Fix	62.8190	-155.1032	144	5	4	3	3	0.3000	2
Fix 452	101	2002	7	9	190	0.0011	2D Fix --	62.8359	-155.2030	144	3	3	1	1	0.3200	2
Fix 456	101	2002	7	9	190	0.5010	2D Fix --	62.8540	-155.1244	144	6	6	1	2	0.0250	2
Fix 457	101	2002	7	9	190	0.6258	3D Fix	62.8612	-155.1101	143	6	2	6	4	0.4250	32
Fix 460	101	2002	7	10	191	0.0008	2D Fix --	62.8590	-155.0481	143	5	5	1	2	0.1600	2
Fix 462	101	2002	7	10	191	0.2510	2D Fix --	62.8437	-155.0489	143	12	12	1	3	0.3150	2
Fix 465	101	2002	7	10	191	0.6268	2D Fix --	62.8305	-155.0680	143	3	3	1	1	0.4850	16
Fix 466	101	2002	7	10	191	0.7510	2D Fix --	62.8220	-155.0937	143	4	4	0	1	0.1750	2
Fix 467	101	2002	7	10	191	0.8761	2D Fix --	62.8269	-155.0930	144	0	0	0	0	0.0900	2
Fix 468	101	2002	7	11	192	0.0010	2D Fix --	62.8270	-155.0931	143	22	22	1	9	0.0400	2
Fix 470	101	2002	7	11	192	0.2514	2D Fix --	62.8222	-155.0963	143	0	0	0	0	0.1750	2
Fix 473	101	2002	7	11	192	0.6267	3D Fix	62.8121	-155.0957	139	7	2	6	5	0.2850	2
Fix 474	101	2002	7	11	192	0.7518	2D Fix --	62.8072	-155.1183	138	5	5	0	2	0.3900	2
Fix 475	101	2002	7	11	192	0.8754	3D Fix	62.8094	-155.1351	139	5	4	3	4	0.0400	4
Fix 477	101	2002	7	12	193	0.1259	2D Fix --	62.8033	-155.1364	146	0	0	0	0	0.3450	2

Fix 478	101	2002	7	12	193	0.2510	2D Fix --	62.7957	-155.1844	146	4	4	0	1	0.5000	32
Fix 480	101	2002	7	12	193	0.5012	2D Fix --	62.7650	-155.1343	144	0	0	0	0	0.0500	4
Fix 481	101	2002	7	12	193	0.6271	2D Fix --	62.7729	-155.1366	147	1	1	0	0	0.2000	4
Fix 482	101	2002	7	12	193	0.7510	2D Fix --	62.7705	-155.1167	146	5	5	0	2	0.2450	4
Fix 483	101	2002	7	12	193	0.8760	2D Fix --	62.7632	-155.1181	146	7	7	1	3	0.1350	2
Fix 484	101	2002	7	13	194	0.0010	2D Fix --	62.7630	-155.1182	147	3	2	1	1	0.0400	2
Fix 489	101	2002	7	13	194	0.6266	2D Fix --	62.7838	-155.0863	147	32	32	0	15	0.4700	2
Fix 490	101	2002	7	13	194	0.7521	2D Fix --	62.7591	-155.1005	144	5	5	0	2	0.5450	3
Fix 491	101	2002	7	13	194	0.8768	3D Fix	62.7608	-155.0520	147	5	2	5	3	0.4800	2
Fix 494	101	2002	7	14	195	0.2510	2D Fix --	62.7639	-155.0114	147	5	5	0	1	0.6250	2
Fix 496	101	2002	7	14	195	0.5017	2D Fix --	62.7568	-154.9622	146	0	0	0	0	0.5050	2
Fix 497	101	2002	7	14	195	0.6270	2D Fix --	62.7476	-154.9592	146	3	3	1	1	0.5950	32
Fix 500	101	2002	7	15	196	0.0011	3D Fix	62.7267	-154.9383	148	5	2	4	3	0.6000	2
Fix 501	101	2002	7	15	196	0.1270	2D Fix --	62.7266	-154.9502	148	10	10	1	4	0.6200	32
Fix 502	101	2002	7	15	196	0.2513	2D Fix --	62.7348	-154.9663	149	0	0	0	0	0.5800	4
Fix 503	101	2002	7	15	196	0.3771	2D Fix --	62.7364	-154.9640	148	7	7	1	1	0.0600	32
Fix 506	101	2002	7	15	196	0.7511	2D Fix --	62.7549	-155.0144	149	9	9	1	3	0.1050	2
Fix 508	101	2002	7	16	197	0.0014	3D Fix	62.7597	-155.0121	149	6	3	6	5	0.5350	80
Fix 509	101	2002	7	16	197	0.1260	2D Fix --	62.7607	-154.9960	149	4	4	1	3	0.3200	4
Fix 510	101	2002	7	16	197	0.2508	3D Fix	62.7599	-154.9898	148	7	6	3	3	0.5450	4
Fix 513	101	2002	7	16	197	0.6260	2D Fix --	62.7791	-155.0012	148	2	2	0	1	0.6350	2
Fix 517	101	2002	7	17	198	0.1261	2D Fix --	62.7889	-155.0125	149	2	2	1	1	0.6100	4
Fix 521	101	2002	7	17	198	0.6268	2D Fix --	62.8034	-155.1008	148	7	7	1	3	0.4050	2
Fix 522	101	2002	7	17	198	0.7516	2D Fix --	62.8099	-155.1015	148	5	5	1	2	0.5300	2
Fix 525	101	2002	7	18	199	0.1271	2D Fix --	62.8187	-155.1043	148	8	8	1	1	0.4000	2
Fix 526	101	2002	7	18	199	0.2515	2D Fix --	62.8222	-155.0832	148	11	11	1	2	0.4750	4
Fix 527	101	2002	7	18	199	0.3771	2D Fix --	62.8240	-155.0734	149	0	0	0	0	0.3650	4
Fix 528	101	2002	7	18	199	0.5007	3D Fix	62.8215	-155.0764	145	5	2	5	3	0.7200	2
Fix 536	101	2002	7	19	200	0.5011	2D Fix --	62.8188	-155.0834	145	9	9	1	4	0.4950	2
Fix 540	101	2002	7	20	201	0.0004	3D Fix	62.8174	-155.1140	145	5	2	4	3	0.0400	2
Fix 541	101	2002	7	20	201	0.1268	2D Fix --	62.8172	-155.1088	145	6	6	1	3	0.4700	4
Fix 542	101	2002	7	20	201	0.2510	2D Fix --	62.8111	-155.0891	145	10	10	1	3	0.5000	4
Fix 544	101	2002	7	20	201	0.5014	2D Fix --	62.8124	-155.0843	145	0	0	0	0	0.2100	2
Fix 545	101	2002	7	20	201	0.6257	3D Fix	62.8206	-155.0763	146	5	3	4	3	0.5200	2

Fix 546	101	2002	7	20	201	0.7507	2D Fix --	62.8210	-155.0641	145	44	44	1	15	0.4850	2
Fix 548	101	2002	7	21	202	0.0013	2D Fix --	62.8339	-155.0690	145	0	0	0	0	0.0200	2
Fix 549	101	2002	7	21	202	0.1257	2D Fix --	62.8339	-155.0692	145	0	0	0	0	0.3800	2
Fix 550	101	2002	7	21	202	0.2513	2D Fix --	62.8292	-155.0671	144	9	9	0	2	0.5900	2
Fix 551	101	2002	7	21	202	0.3764	2D Fix --	62.8422	-155.0348	145	3	3	1	1	0.5700	2
Fix 552	101	2002	7	21	202	0.5008	2D Fix --	62.8387	-155.0270	144	2	2	1	1	0.2550	4
Fix 553	101	2002	7	21	202	0.6262	3D Fix	62.8441	-154.9978	145	6	5	4	3	0.5850	70
Fix 556	101	2002	7	22	203	0.0004	3D Fix	62.8791	-154.9785	125	4	2	3	2	0.1850	70
Fix 557	101	2002	7	22	203	0.1261	3D Fix	62.8793	-154.9793	127	5	4	3	4	0.4450	70
Fix 558	101	2002	7	22	203	0.2511	2D Fix --	62.8788	-155.0183	127	0	0	0	0	0.5900	2
Fix 561	101	2002	7	22	203	0.6268	2D Fix --	62.8589	-155.0479	126	0	0	0	0	0.3750	2
Fix 562	101	2002	7	22	203	0.7508	3D Fix	62.8473	-155.0977	127	6	2	5	4	0.5200	4
Fix 563	101	2002	7	22	203	0.8761	2D Fix --	62.8302	-155.1106	122	0	0	0	0	0.1150	4
Fix 565	101	2002	7	23	204	0.1265	2D Fix --	62.8279	-155.1231	127	3	3	1	1	0.5350	24
Fix 566	101	2002	7	23	204	0.2512	2D Fix --	62.8172	-155.1319	127	0	0	0	0	0.5450	2
Fix 567	101	2002	7	23	204	0.3761	2D Fix --	62.8079	-155.1079	127	0	0	0	0	0.2950	2
Fix 569	101	2002	7	23	204	0.6270	2D Fix --	62.8186	-155.1026	128	334	334	1	94	0.3500	3
Fix 570	101	2002	7	23	204	0.7508	3D Fix	62.8121	-155.0940	127	4	3	3	2	0.5750	2
Fix 572	101	2002	7	24	205	0.0015	2D Fix --	62.8130	-155.1038	128	3	3	1	1	0.1300	2
Fix 573	101	2002	7	24	205	0.1270	2D Fix --	62.8154	-155.0986	128	0	0	0	0	0.5100	4
Fix 576	101	2002	7	24	205	0.5011	2D Fix --	62.8205	-155.0783	128	2	2	1	1	0.6550	2
Fix 577	101	2002	7	24	205	0.6261	2D Fix --	62.8271	-155.0921	128	0	0	0	0	0.5250	32
Fix 579	101	2002	7	24	205	0.8763	2D Fix --	62.8279	-155.1331	128	6	6	1	3	0.2500	4
Fix 136	102	2002	5	27	147	0.6267	3D Fix	62.7779	-155.6909	107	4	2	3	2	0.0300	16
Fix 137	102	2002	5	27	147	0.7517	2D Fix --	62.7776	-155.6908	107	0	0	0	0	0.0400	16
Fix 140	102	2002	5	28	148	0.1258	2D Fix --	62.7780	-155.6909	107	2	2	1	1	0.0150	16
Fix 142	102	2002	5	28	148	0.3760	2D Fix --	62.7779	-155.6909	107	0	0	0	0	0.0400	16
Fix 145	102	2002	5	28	148	0.7514	2D Fix --	62.7780	-155.6910	107	0	0	0	0	0.5950	16
Fix 146	102	2002	5	28	148	0.8758	2D Fix --	62.7781	-155.6916	107	3	3	1	1	0.0550	16
Fix 148	102	2002	5	29	149	0.1265	2D Fix --	62.7771	-155.6848	107	3	2	1	1	0.1100	2
Fix 149	102	2002	5	29	149	0.2513	2D Fix --	62.7771	-155.6848	107	0	0	0	0	0.0150	2
Fix 153	102	2002	5	29	149	0.7507	3D Fix	62.8124	-155.5475	111	6	2	5	4	0.2550	2
Fix 154	102	2002	5	29	149	0.8767	2D Fix --	62.8100	-155.5010	113	2	2	0	1	0.3400	5
Fix 156	102	2002	5	30	150	0.1260	3D Fix	62.7761	-155.4851	113	5	2	4	3	0.0400	21

Fix 157	102	2002	5	30	150	0.2512	2D Fix --	62.7763	-155.4861	114	3	3	0	1	0.0250	2
Fix 169	102	2002	5	31	151	0.7510	2D Fix --	62.6417	-155.6873	105	0	0	0	0	0.0500	2
Fix 180	102	2002	6	2	153	0.1259	2D Fix --	62.7775	-155.7135	120	0	0	0	0	0.0450	16
Fix 181	102	2002	6	2	153	0.2519	2D Fix --	62.7781	-155.6911	114	0	0	0	0	0.3050	16
Fix 182	102	2002	6	2	153	0.3767	2D Fix --	62.7848	-155.6023	114	0	0	0	0	0.4450	4
Fix 189	102	2002	6	3	154	0.2508	2D Fix --	62.7561	-155.7202	110	0	0	0	0	0.1050	2
Fix 193	102	2002	6	3	154	0.7518	2D Fix --	62.7331	-155.7086	114	9	9	1	4	0.2050	10
Fix 197	102	2002	6	4	155	0.2521	2D Fix --	62.7334	-155.7081	114	2	2	1	1	0.1100	10
Fix 198	102	2002	6	4	155	0.3769	2D Fix --	62.7330	-155.7082	114	0	0	0	0	0.3500	10
Fix 202	102	2002	6	4	155	0.8771	2D Fix --	62.6807	-155.7359	113	4	3	1	1	0.2400	4
Fix 204	102	2002	6	5	156	0.1260	2D Fix --	62.6731	-155.7237	114	0	0	0	0	0.0050	16
Fix 208	102	2002	6	5	156	0.6254	3D Fix	62.6485	-155.7295	144	7	3	6	5	0.3000	2
Fix 209	102	2002	6	5	156	0.7504	3D Fix	62.6487	-155.7297	122	4	3	3	2	0.2950	2
Fix 213	102	2002	6	6	157	0.2514	2D Fix --	62.6486	-155.7297	122	0	0	0	0	0.3550	4
Fix 224	102	2002	6	7	158	0.6254	3D Fix	62.8017	-155.6631	131	5	2	4	3	0.0400	3
Fix 225	102	2002	6	7	158	0.7515	2D Fix --	62.8017	-155.6635	131	8	8	1	5	0.1350	3
Fix 227	102	2002	6	8	159	0.0011	3D Fix	62.8016	-155.6631	113	3	2	3	2	0.2900	2
Fix 228	102	2002	6	8	159	0.1258	2D Fix --	62.8015	-155.6630	113	3	3	1	1	0.0350	2
Fix 231	102	2002	6	8	159	0.5013	2D Fix --	62.8016	-155.6631	113	3	3	1	2	0.1950	2
Fix 232	102	2002	6	8	159	0.6254	3D Fix	62.8016	-155.6631	119	5	4	3	3	0.4300	2
Fix 233	102	2002	6	8	159	0.7521	2D Fix --	62.7962	-155.5573	119	0	0	0	0	0.5550	4
Fix 240	102	2002	6	9	160	0.6258	2D Fix --	62.7656	-155.4196	119	4	4	1	1	0.4050	32
Fix 242	102	2002	6	9	160	0.8771	2D Fix --	62.6932	-155.5621	120	3	3	0	1	0.6600	2
Fix 244	102	2002	6	10	161	0.1258	2D Fix --	62.7184	-155.7342	120	4	3	3	2	0.0500	2
Fix 249	102	2002	6	10	161	0.7513	2D Fix --	62.7764	-155.7273	125	0	0	0	0	0.4200	16
Fix 255	102	2002	6	11	162	0.5014	2D Fix --	62.7797	-155.5863	121	5	5	1	2	0.2300	2
Fix 256	102	2002	6	11	162	0.6262	2D Fix --	62.7849	-155.5473	122	0	0	0	0	0.7950	2
Fix 258	102	2002	6	11	162	0.8754	3D Fix	62.7359	-155.4452	149	4	2	3	3	0.1600	2
Fix 259	102	2002	6	12	163	0.0008	2D Fix --	62.7358	-155.4456	150	2	2	0	1	0.1450	4
Fix 260	102	2002	6	12	163	0.1271	2D Fix --	62.7359	-155.4453	150	2	2	0	1	0.1850	2
Fix 262	102	2002	6	12	163	0.3758	3D Fix	62.7359	-155.4453	150	4	2	3	3	0.2200	2
Fix 265	102	2002	6	12	163	0.7511	2D Fix --	62.7457	-155.4061	151	3	3	0	1	0.6200	2
Fix 268	102	2002	6	13	164	0.1266	2D Fix --	62.7720	-155.4301	150	15	15	1	3	0.2550	4
Fix 270	102	2002	6	13	164	0.3757	3D Fix	62.7727	-155.4309	149	4	3	3	1	0.0100	4

Fix 271	102	2002	6	13	164	0.5010	2D Fix --	62.7727	-155.4307	148	1	1	0	1	0.0700	4
Fix 279	102	2002	6	14	165	0.5019	2D Fix --	62.7781	-155.7183	149	0	0	0	0	0.2000	16
Fix 280	102	2002	6	14	165	0.6261	3D Fix	62.7292	-155.7086	144	6	2	6	4	0.6250	3
Fix 282	102	2002	6	14	165	0.8761	2D Fix --	62.6538	-155.6237	140	3	3	1	1	0.2650	2
Fix 283	102	2002	6	15	166	0.0010	3D Fix	62.6691	-155.5878	145	4	2	4	2	0.0150	2
Fix 284	102	2002	6	15	166	0.1263	3D Fix	62.6689	-155.5880	147	6	3	5	3	0.0500	2
Fix 285	102	2002	6	15	166	0.2508	2D Fix --	62.6690	-155.5879	147	5	5	1	2	0.0250	2
Fix 286	102	2002	6	15	166	0.3763	2D Fix --	62.6765	-155.5686	147	4	4	0	1	0.2650	2
Fix 288	102	2002	6	15	166	0.6258	2D Fix --	62.7313	-155.4582	147	3	3	0	1	0.0550	2
Fix 289	102	2002	6	15	166	0.7504	3D Fix	62.7321	-155.4556	179	5	3	4	3	0.0800	2
Fix 290	102	2002	6	15	166	0.8759	2D Fix --	62.7306	-155.4495	180	0	0	0	0	0.1150	2
Fix 292	102	2002	6	16	167	0.1261	2D Fix --	62.7427	-155.4635	181	3	2	1	1	0.0600	1
Fix 294	102	2002	6	16	167	0.3771	2D Fix --	62.7514	-155.4531	180	4	4	0	2	0.1150	2
Fix 295	102	2002	6	16	167	0.5007	3D Fix	62.7544	-155.4501	178	4	2	4	2	0.0200	16
Fix 296	102	2002	6	16	167	0.6264	2D Fix --	62.7518	-155.4488	175	0	0	0	0	0.1000	2
Fix 300	102	2002	6	17	168	0.1258	2D Fix --	62.7458	-155.4544	175	6	6	1	3	0.0950	16
Fix 303	102	2002	6	17	168	0.5008	2D Fix --	62.7362	-155.4453	175	7	7	1	3	0.0600	4
Fix 305	102	2002	6	17	168	0.7506	2D Fix --	62.7306	-155.4590	176	0	0	0	0	0.0200	2
Fix 307	102	2002	6	18	169	0.0011	2D Fix --	62.7306	-155.4591	176	2	2	0	1	0.2500	2
Fix 308	102	2002	6	18	169	0.1262	3D Fix	62.7308	-155.4586	177	4	2	3	2	0.1950	4
Fix 311	102	2002	6	18	169	0.5004	3D Fix	62.7358	-155.4453	126	3	1	3	2	0.0750	4
Fix 312	102	2002	6	18	169	0.6257	2D Fix --	62.7460	-155.4969	126	19	19	1	5	0.5850	2
Fix 316	102	2002	6	19	170	0.1265	2D Fix --	62.7522	-155.4499	126	4	3	1	2	0.1150	2
Fix 321	102	2002	6	19	170	0.7504	3D Fix	62.8105	-155.4453	124	7	4	6	5	0.5350	2
Fix 323	102	2002	6	20	171	0.0011	3D Fix	62.8009	-155.4776	125	4	2	3	2	0.3550	96
Fix 324	102	2002	6	20	171	0.1255	3D Fix	62.8082	-155.4210	128	4	4	2	2	0.3300	96
Fix 325	102	2002	6	20	171	0.2513	2D Fix --	62.8012	-155.4249	128	2	2	1	1	0.0900	2
Fix 326	102	2002	6	20	171	0.3757	3D Fix	62.8086	-155.4185	129	6	2	5	3	0.3700	96
Fix 327	102	2002	6	20	171	0.5010	2D Fix --	62.8112	-155.3941	129	6	6	1	2	0.0050	96
Fix 328	102	2002	6	20	171	0.6254	3D Fix	62.8113	-155.3943	150	4	3	3	2	0.0250	96
Fix 329	102	2002	6	20	171	0.7508	2D Fix --	62.8076	-155.3906	152	2	2	0	1	0.2400	2
Fix 330	102	2002	6	20	171	0.8765	3D Fix	62.8176	-155.4866	144	4	3	3	3	0.4450	96
Fix 334	102	2002	6	21	172	0.3760	2D Fix --	62.7360	-155.4454	142	63	63	1	21	0.3900	2
Fix 335	102	2002	6	21	172	0.5007	3D Fix	62.7427	-155.4303	144	3	1	3	2	0.0100	4

Fix 337	102	2002	6	21	172	0.7515	3D Fix	62.7427	-155.4302	144	4	2	3	3	0.2150	4
Fix 342	102	2002	6	22	173	0.3760	2D Fix --	62.7490	-155.5047	144	3	3	1	2	0.1400	2
Fix 343	102	2002	6	22	173	0.5007	3D Fix	62.7356	-155.4447	143	4	2	4	3	0.1500	2
Fix 345	102	2002	6	22	173	0.7507	3D Fix	62.7321	-155.4355	144	5	2	4	3	0.0050	2
Fix 346	102	2002	6	22	173	0.8770	2D Fix --	62.7317	-155.4334	145	0	0	0	0	0.0250	16
Fix 348	102	2002	6	23	174	0.1263	2D Fix --	62.7434	-155.4344	145	5	5	1	4	0.0700	2
Fix 349	102	2002	6	23	174	0.2508	2D Fix --	62.7434	-155.4347	145	3	3	0	2	0.0150	43
Fix 351	102	2002	6	23	174	0.5018	2D Fix --	62.7697	-155.4419	145	5	5	1	2	0.4000	2
Fix 352	102	2002	6	23	174	0.6259	2D Fix --	62.7726	-155.4986	145	2	2	0	1	0.0300	2
Fix 353	102	2002	6	23	174	0.7516	2D Fix --	62.7637	-155.4973	144	0	0	0	0	0.0400	2
Fix 355	102	2002	6	24	175	0.0004	3D Fix	62.7637	-155.4977	151	3	2	3	2	0.0500	2
Fix 356	102	2002	6	24	175	0.1257	3D Fix	62.7505	-155.4435	134	5	2	4	4	0.1400	2
Fix 357	102	2002	6	24	175	0.2508	3D Fix	62.7298	-155.4388	146	6	3	5	4	0.0200	4
Fix 359	102	2002	6	24	175	0.5021	2D Fix --	62.7504	-155.4056	148	6	6	1	1	0.3550	2
Fix 360	102	2002	6	24	175	0.6260	3D Fix	62.7509	-155.3905	144	3	2	3	2	0.1000	2
Fix 361	102	2002	6	24	175	0.7505	3D Fix	62.7469	-155.3999	141	3	1	3	2	0.2400	2
Fix 362	102	2002	6	24	175	0.8755	3D Fix	62.7438	-155.3849	136	6	4	5	4	0.1150	2
Fix 363	102	2002	6	25	176	0.0012	2D Fix --	62.7455	-155.3886	135	0	0	0	0	0.1500	4
Fix 364	102	2002	6	25	176	0.1271	2D Fix --	62.7450	-155.3905	135	2	2	1	1	0.0350	3
Fix 366	102	2002	6	25	176	0.3757	3D Fix	62.7443	-155.3907	135	5	3	5	3	0.2000	2
Fix 369	102	2002	6	25	176	0.7504	3D Fix	62.7360	-155.4451	169	5	2	5	4	0.0750	2
Fix 370	102	2002	6	25	176	0.8758	3D Fix	62.7356	-155.4543	171	7	6	4	5	0.0800	2
Fix 371	102	2002	6	26	177	0.0019	2D Fix --	62.7352	-155.4526	171	0	0	0	0	0.0200	4
Fix 372	102	2002	6	26	177	0.1260	2D Fix --	62.7442	-155.4535	171	9	9	1	1	0.3550	2
Fix 373	102	2002	6	26	177	0.2510	2D Fix --	62.7430	-155.4625	171	4	4	1	2	0.0150	2
Fix 377	102	2002	6	26	177	0.7508	2D Fix --	62.7793	-155.5915	171	3	3	0	1	0.0200	2
Fix 381	102	2002	6	27	178	0.2508	2D Fix --	62.7708	-155.6697	170	4	4	1	2	0.2300	2
Fix 382	102	2002	6	27	178	0.3757	3D Fix	62.7597	-155.7176	165	6	2	6	4	0.3600	13
Fix 390	102	2002	6	28	179	0.3767	2D Fix --	62.8179	-155.6308	166	5	5	1	4	0.2500	2
Fix 391	102	2002	6	28	179	0.5008	2D Fix --	62.8180	-155.6156	164	4	4	1	2	0.0000	2
Fix 393	102	2002	6	28	179	0.7508	2D Fix --	62.8181	-155.6157	164	3	3	0	2	0.0600	2
Fix 395	102	2002	6	29	180	0.0004	3D Fix	62.8104	-155.5892	126	6	4	4	4	0.0150	2
Fix 396	102	2002	6	29	180	0.1260	3D Fix	62.8014	-155.5669	107	5	3	4	3	0.0450	4
Fix 397	102	2002	6	29	180	0.2504	3D Fix	62.8003	-155.5666	130	5	3	5	4	0.0050	2

Fix 401	102	2002	6	29	180	0.7510	3D Fix	62.7883	-155.5777	130	3	2	3	2	0.1850	2
Fix 405	102	2002	6	30	181	0.2517	2D Fix --	62.7882	-155.5777	130	3	3	1	1	0.0600	2
Fix 407	102	2002	6	30	181	0.5010	2D Fix --	62.7851	-155.5730	130	2	2	0	1	0.0750	2
Fix 409	102	2002	6	30	181	0.7508	2D Fix --	62.7826	-155.5760	130	12	12	0	6	0.1800	2
Fix 410	102	2002	6	30	181	0.8771	2D Fix --	62.7839	-155.5759	130	0	0	0	0	0.0900	2
Fix 412	102	2002	7	1	182	0.1263	2D Fix --	62.7782	-155.5928	130	3	3	1	1	0.0150	2
Fix 413	102	2002	7	1	182	0.2508	2D Fix --	62.7782	-155.5926	130	3	3	1	2	0.0250	2
Fix 417	102	2002	7	1	182	0.7508	3D Fix	62.7221	-155.7332	128	7	3	7	6	0.0400	16
Fix 418	102	2002	7	1	182	0.8761	2D Fix --	62.7202	-155.7344	128	3	3	1	1	0.1700	2
Fix 419	102	2002	7	2	183	0.0009	3D Fix	62.7184	-155.7334	129	4	2	3	2	0.0100	2
Fix 421	102	2002	7	2	183	0.2508	3D Fix	62.7183	-155.7337	125	4	2	3	2	0.0050	2
Fix 423	102	2002	7	2	183	0.5008	2D Fix --	62.7196	-155.6618	127	2	2	0	1	0.2150	2
Fix 424	102	2002	7	2	183	0.6268	3D Fix	62.7355	-155.6060	130	4	2	4	3	0.2350	4
Fix 426	102	2002	7	2	183	0.8754	3D Fix	62.7478	-155.6689	133	5	2	5	4	0.3500	4
Fix 427	102	2002	7	3	184	0.0015	2D Fix --	62.7383	-155.6097	131	4	3	1	2	0.0500	2
Fix 429	102	2002	7	3	184	0.2513	2D Fix --	62.7390	-155.6118	131	4	4	0	2	0.0050	1
Fix 430	102	2002	7	3	184	0.3759	2D Fix --	62.7391	-155.6117	131	0	0	0	0	0.0300	2
Fix 431	102	2002	7	3	184	0.5008	2D Fix --	62.7390	-155.6117	131	0	0	0	0	0.1600	1
Fix 432	102	2002	7	3	184	0.6258	3D Fix	62.7457	-155.6699	130	5	2	4	3	0.5350	21
Fix 433	102	2002	7	3	184	0.7504	3D Fix	62.7459	-155.6698	111	7	3	6	5	0.4500	21
Fix 434	102	2002	7	3	184	0.8764	3D Fix	62.7460	-155.6700	111	5	2	4	3	0.0650	4
Fix 436	102	2002	7	4	185	0.1264	2D Fix --	62.7412	-155.6759	111	0	0	0	0	0.2450	2
Fix 437	102	2002	7	4	185	0.2508	2D Fix --	62.7426	-155.6894	111	0	0	0	0	0.1150	70
Fix 440	102	2002	7	4	185	0.6254	3D Fix	62.7501	-155.6989	118	7	3	6	5	0.0000	2
Fix 441	102	2002	7	4	185	0.7508	2D Fix --	62.7481	-155.7028	119	3	3	0	0	0.0150	10
Fix 442	102	2002	7	4	185	0.8759	2D Fix --	62.7480	-155.7030	119	0	0	0	0	0.0050	16
Fix 443	102	2002	7	5	186	0.0005	3D Fix	62.7482	-155.7004	113	3	2	2	2	0.0650	16
Fix 444	102	2002	7	5	186	0.1268	3D Fix	62.7481	-155.6989	97	5	2	4	3	0.0250	4
Fix 445	102	2002	7	5	186	0.2508	2D Fix --	62.7483	-155.7007	97	0	0	0	0	0.2700	16
Fix 448	102	2002	7	5	186	0.6271	2D Fix --	62.7636	-155.7063	99	3	3	1	1	0.1450	10
Fix 450	102	2002	7	5	186	0.8760	2D Fix --	62.7690	-155.6760	97	4	4	1	1	0.1850	16
Fix 451	102	2002	7	6	187	0.0005	2D Fix --	62.7690	-155.6736	97	0	0	0	0	0.0550	2
Fix 452	102	2002	7	6	187	0.1268	2D Fix --	62.7690	-155.6742	97	3	2	1	1	0.2550	16
Fix 455	102	2002	7	6	187	0.5009	2D Fix --	62.8125	-155.6515	100	0	0	0	0	0.0550	4

Fix 456	102	2002	7	6	187	0.6258	2D Fix --	62.8123	-155.6510	97	7	7	0	3	0.0750	2
Fix 457	102	2002	7	6	187	0.7520	2D Fix --	62.8127	-155.6518	97	7	7	1	2	0.2450	2
Fix 460	102	2002	7	7	188	0.1259	3D Fix	62.7632	-155.6647	95	4	2	4	3	0.1500	21
Fix 461	102	2002	7	7	188	0.2513	3D Fix	62.7642	-155.6629	97	6	2	6	4	0.0050	21
Fix 462	102	2002	7	7	188	0.3771	2D Fix --	62.7677	-155.6740	97	0	0	0	0	0.1600	16
Fix 463	102	2002	7	7	188	0.5021	2D Fix --	62.7613	-155.6818	97	7	7	1	2	0.1500	2
Fix 464	102	2002	7	7	188	0.6270	2D Fix --	62.7520	-155.6771	97	6	6	1	3	0.5050	2
Fix 467	102	2002	7	8	189	0.0008	2D Fix --	62.7482	-155.6862	98	2	2	0	1	0.1500	16
Fix 468	102	2002	7	8	189	0.1256	3D Fix	62.7482	-155.6992	96	5	3	3	3	0.1000	4
Fix 469	102	2002	7	8	189	0.2508	2D Fix --	62.7499	-155.7159	96	3	3	0	1	0.3750	71
Fix 470	102	2002	7	8	189	0.3764	2D Fix --	62.7621	-155.7234	97	0	0	0	0	0.1600	2
Fix 471	102	2002	7	8	189	0.5008	2D Fix --	62.7627	-155.7128	96	7	7	1	2	0.1100	20
Fix 473	102	2002	7	8	189	0.7506	3D Fix	62.7642	-155.6626	99	7	4	5	5	0.0200	21
Fix 474	102	2002	7	8	189	0.8761	3D Fix	62.7642	-155.6632	101	4	2	3	2	0.0300	21
Fix 476	102	2002	7	9	190	0.1261	2D Fix --	62.7626	-155.6635	101	5	5	1	3	0.1750	4
Fix 477	102	2002	7	9	190	0.2508	2D Fix --	62.7646	-155.6621	101	3	3	0	1	0.0150	43
Fix 478	102	2002	7	9	190	0.3761	2D Fix --	62.7691	-155.6609	101	0	0	0	0	0.2400	2
Fix 479	102	2002	7	9	190	0.5010	2D Fix --	62.7836	-155.6689	101	6	6	1	2	0.2900	3
Fix 480	102	2002	7	9	190	0.6260	3D Fix	62.8026	-155.6821	102	7	3	6	5	0.4000	10
Fix 482	102	2002	7	9	190	0.8761	2D Fix --	62.8190	-155.6345	102	4	4	1	3	0.0100	2
Fix 486	102	2002	7	10	191	0.3771	3D Fix	62.8004	-155.4678	146	5	3	4	3	0.0150	96
Fix 487	102	2002	7	10	191	0.5008	2D Fix --	62.8005	-155.4678	146	6	6	1	3	0.1100	96
Fix 489	102	2002	7	10	191	0.7504	3D Fix	62.7700	-155.6681	134	5	3	4	3	0.4450	2
Fix 491	102	2002	7	11	192	0.0008	2D Fix --	62.7673	-155.6680	134	2	2	0	1	0.2050	43
Fix 492	102	2002	7	11	192	0.1254	3D Fix	62.7634	-155.6637	129	4	2	3	2	0.0650	4
Fix 494	102	2002	7	11	192	0.3761	2D Fix --	62.7627	-155.6638	128	2	2	1	1	0.2200	4
Fix 495	102	2002	7	11	192	0.5007	3D Fix	62.7645	-155.6620	127	5	2	4	4	0.0100	43
Fix 496	102	2002	7	11	192	0.6264	2D Fix --	62.7673	-155.6684	127	0	0	0	0	0.3300	21
Fix 497	102	2002	7	11	192	0.7510	3D Fix	62.7884	-155.6815	126	7	5	5	4	0.0800	16
Fix 499	102	2002	7	12	193	0.0008	2D Fix --	62.7934	-155.6925	126	2	2	0	1	0.0100	16
Fix 501	102	2002	7	12	193	0.2518	2D Fix --	62.8220	-155.7490	128	21	21	1	5	0.5800	2
Fix 503	102	2002	7	12	193	0.5008	2D Fix --	62.8178	-155.7405	127	4	4	1	2	0.1400	17
Fix 504	102	2002	7	12	193	0.6257	3D Fix	62.8148	-155.7056	127	7	2	7	5	0.3800	10
Fix 505	102	2002	7	12	193	0.7504	3D Fix	62.8155	-155.7056	123	6	3	6	4	0.2450	17

Fix 506	102	2002	7	12	193	0.8771	2D Fix --	62.8154	-155.7048	123	3	2	1	1	0.1050	17
Fix 507	102	2002	7	13	194	0.0008	3D Fix	62.8153	-155.7048	110	4	2	4	3	0.1300	10
Fix 508	102	2002	7	13	194	0.1258	3D Fix	62.8154	-155.7055	108	4	2	4	2	0.3000	17
Fix 511	102	2002	7	13	194	0.5010	2D Fix --	62.8329	-155.7237	108	4	4	1	2	0.3750	2
Fix 512	102	2002	7	13	194	0.6258	2D Fix --	62.8410	-155.7363	108	1	1	0	0	0.4200	21
Fix 513	102	2002	7	13	194	0.7510	2D Fix --	62.8431	-155.7039	108	5	5	0	2	0.5400	2
Fix 514	102	2002	7	13	194	0.8764	3D Fix	62.8169	-155.7062	119	3	2	2	2	0.1800	10
Fix 515	102	2002	7	14	195	0.0010	3D Fix	62.8159	-155.7062	118	5	2	4	3	0.3100	17
Fix 516	102	2002	7	14	195	0.1267	2D Fix --	62.8054	-155.7091	117	0	0	0	0	0.0300	10
Fix 517	102	2002	7	14	195	0.2511	2D Fix --	62.8041	-155.7131	117	0	0	0	0	0.3700	16
Fix 521	102	2002	7	14	195	0.7520	3D Fix	62.7765	-155.7420	117	7	3	6	4	0.4050	71
Fix 522	102	2002	7	14	195	0.8762	3D Fix	62.7617	-155.7338	113	5	3	4	3	0.2800	17
Fix 524	102	2002	7	15	196	0.1257	3D Fix	62.7600	-155.7348	112	4	2	3	3	0.3100	16
Fix 525	102	2002	7	15	196	0.2511	2D Fix --	62.7522	-155.7419	111	5	5	0	1	0.4200	10
Fix 528	102	2002	7	15	196	0.6265	2D Fix --	62.7519	-155.7357	111	1	1	0	0	0.2850	10
Fix 531	102	2002	7	16	197	0.0008	3D Fix	62.7521	-155.7404	109	6	3	6	5	0.1750	10
Fix 532	102	2002	7	16	197	0.1257	3D Fix	62.7494	-155.6888	108	3	2	3	2	0.3600	2
Fix 533	102	2002	7	16	197	0.2511	3D Fix	62.7504	-155.6847	107	5	2	4	3	0.4050	2
Fix 534	102	2002	7	16	197	0.3760	2D Fix --	62.7584	-155.6946	107	7	6	1	1	0.1050	2
Fix 536	102	2002	7	16	197	0.6258	2D Fix --	62.7559	-155.7268	107	2	2	0	1	0.3950	16
Fix 537	102	2002	7	16	197	0.7510	2D Fix --	62.7647	-155.7407	107	2	2	0	1	0.4200	17
Fix 538	102	2002	7	16	197	0.8771	2D Fix --	62.7891	-155.6804	107	7	7	1	1	0.4350	2
Fix 540	102	2002	7	17	198	0.1270	3D Fix	62.8078	-155.6676	110	5	2	5	4	0.2600	10
Fix 542	102	2002	7	17	198	0.3763	2D Fix --	62.8193	-155.7232	110	0	0	0	0	0.4950	93
Fix 543	102	2002	7	17	198	0.5004	3D Fix	62.8215	-155.7627	119	6	3	5	5	0.4250	4
Fix 544	102	2002	7	17	198	0.6260	3D Fix	62.8272	-155.7550	117	4	2	3	2	0.6300	27
Fix 545	102	2002	7	17	198	0.7510	3D Fix	62.8273	-155.7069	77	6	3	5	4	0.3250	16
Fix 549	102	2002	7	18	199	0.2508	2D Fix --	62.8154	-155.7049	79	9	9	0	2	0.2500	17
Fix 552	102	2002	7	18	199	0.6261	3D Fix	62.8140	-155.7021	82	7	3	6	4	0.7100	10
Fix 553	102	2002	7	18	199	0.7510	3D Fix	62.7879	-155.6769	80	5	2	5	3	0.6050	16
Fix 554	102	2002	7	18	199	0.8770	2D Fix --	62.7510	-155.6842	80	5	5	1	1	0.4000	2
Fix 555	102	2002	7	19	200	0.0007	3D Fix	62.7502	-155.6881	82	6	4	5	4	0.1750	16
Fix 556	102	2002	7	19	200	0.1258	3D Fix	62.7503	-155.6884	84	5	2	4	3	0.3250	2
Fix 557	102	2002	7	19	200	0.2511	2D Fix --	62.7509	-155.7106	85	11	11	1	3	0.4700	70

Fix 559	102	2002	7	19	200	0.5015	2D Fix --	62.7521	-155.7401	85	0	0	0	0	0.0250	10
Fix 560	102	2002	7	19	200	0.6255	3D Fix	62.7524	-155.7433	87	5	3	3	2	0.3850	10
Fix 561	102	2002	7	19	200	0.7521	2D Fix --	62.7585	-155.7296	89	0	0	0	0	0.6200	4
Fix 564	102	2002	7	20	201	0.1256	3D Fix	62.7575	-155.7389	88	5	2	4	3	0.2800	2
Fix 565	102	2002	7	20	201	0.2513	2D Fix --	62.7579	-155.7360	89	10	10	0	2	0.3950	4
Fix 566	102	2002	7	20	201	0.3758	2D Fix --	62.7776	-155.7269	89	3	3	1	2	0.3350	16
Fix 567	102	2002	7	20	201	0.5007	2D Fix --	62.7841	-155.7293	89	0	0	0	0	0.0350	16
Fix 574	102	2002	7	21	202	0.3765	2D Fix --	62.7877	-155.6790	89	3	3	1	1	0.2550	10
Fix 576	102	2002	7	21	202	0.6258	3D Fix	62.7881	-155.6829	93	5	3	4	3	0.4900	16
Fix 577	102	2002	7	21	202	0.7517	3D Fix	62.8068	-155.6538	98	4	3	3	2	0.4800	2
Fix 578	102	2002	7	21	202	0.8760	3D Fix	62.8093	-155.6419	98	5	2	4	3	0.3300	2
Fix 579	102	2002	7	22	203	0.0007	3D Fix	62.8218	-155.6642	102	4	2	3	2	0.3950	2
Fix 580	102	2002	7	22	203	0.1261	2D Fix --	62.8144	-155.6390	102	3	3	1	2	0.3300	4
Fix 581	102	2002	7	22	203	0.2507	2D Fix --	62.8077	-155.6676	102	0	0	0	0	0.5850	10
Fix 583	102	2002	7	22	203	0.5010	2D Fix --	62.7689	-155.6739	101	2	2	1	1	0.3300	16
Fix 584	102	2002	7	22	203	0.6258	2D Fix --	62.7527	-155.6845	102	10	10	1	3	0.4200	2
Fix 585	102	2002	7	22	203	0.7511	2D Fix --	62.7500	-155.6904	102	0	0	0	0	0.6100	2
Fix 587	102	2002	7	23	204	0.0008	2D Fix --	62.7517	-155.7357	102	6	6	1	2	0.1600	10
Fix 591	102	2002	7	23	204	0.5017	2D Fix --	62.7840	-155.7322	103	2	2	1	1	0.0150	2
Fix 592	102	2002	7	23	204	0.6258	2D Fix --	62.7621	-155.7349	102	2	2	0	1	0.5000	4
Fix 593	102	2002	7	23	204	0.7511	2D Fix --	62.7582	-155.7313	102	4	4	1	1	0.2450	13
Fix 594	102	2002	7	23	204	0.8761	2D Fix --	62.7582	-155.7238	102	5	5	1	2	0.1600	17
Fix 595	102	2002	7	24	205	0.0014	2D Fix --	62.7567	-155.7316	102	6	6	1	3	0.0300	21
Fix 597	102	2002	7	24	205	0.2510	2D Fix --	62.7575	-155.7369	102	6	6	0	2	0.3800	2
Fix 600	102	2002	7	24	205	0.6257	3D Fix	62.7524	-155.7434	101	3	2	3	2	0.3500	10
Fix 123	103	2002	5	27	147	0.0017	2D Fix --	62.8589	-155.6201	114	8	8	1	1	0.0050	71
Fix 124	103	2002	5	27	147	0.1271	2D Fix --	62.8588	-155.6201	114	4	4	0	1	0.0100	71
Fix 125	103	2002	5	27	147	0.2505	3D Fix	62.8588	-155.6200	115	6	3	6	5	0.0100	71
Fix 129	103	2002	5	27	147	0.7508	2D Fix --	62.8581	-155.6205	115	9	9	1	5	0.0200	71
Fix 130	103	2002	5	27	147	0.8762	2D Fix --	62.8577	-155.6201	115	0	0	0	0	0.0050	71
Fix 134	103	2002	5	28	148	0.3762	2D Fix --	62.8566	-155.6187	115	0	0	0	0	0.0100	71
Fix 138	103	2002	5	28	148	0.8758	2D Fix --	62.8553	-155.6079	115	5	5	0	2	0.3350	10
Fix 141	103	2002	5	29	149	0.2511	3D Fix	62.8598	-155.5942	107	5	2	4	3	0.2550	71
Fix 145	103	2002	5	29	149	0.7508	2D Fix --	62.8546	-155.6110	106	6	6	1	3	0.0800	71

Fix 149	103	2002	5	30	150	0.2521	2D Fix --	62.8564	-155.6172	106	0	0	0	0	0.0300	81
Fix 150	103	2002	5	30	150	0.3769	2D Fix --	62.8576	-155.6201	106	0	0	0	0	0.0050	71
Fix 152	103	2002	5	30	150	0.6271	2D Fix --	62.8579	-155.6204	106	4	4	1	2	0.0300	71
Fix 157	103	2002	5	31	151	0.2515	3D Fix	62.9074	-155.5807	110	4	2	4	3	0.3000	94
Fix 158	103	2002	5	31	151	0.3759	2D Fix --	62.9185	-155.5578	110	0	0	0	0	0.0100	17
Fix 161	103	2002	5	31	151	0.7508	2D Fix --	62.9224	-155.5431	110	5	5	0	2	0.0200	16
Fix 162	103	2002	5	31	151	0.8758	2D Fix --	62.9224	-155.5431	110	5	5	1	2	0.0100	16
Fix 163	103	2002	6	1	152	0.0012	2D Fix --	62.9216	-155.5441	109	0	0	0	0	0.1500	2
Fix 164	103	2002	6	1	152	0.1263	3D Fix	62.9210	-155.5493	108	6	3	5	3	0.0150	2
Fix 170	103	2002	6	1	152	0.8761	2D Fix --	62.9064	-155.5760	107	3	2	1	1	0.0250	17
Fix 174	103	2002	6	2	153	0.3769	2D Fix --	62.9277	-155.5716	114	0	0	0	0	0.0250	92
Fix 176	103	2002	6	2	153	0.6260	2D Fix --	62.9276	-155.5718	107	3	3	1	1	0.0450	92
Fix 178	103	2002	6	2	153	0.8758	2D Fix --	62.9315	-155.6368	107	3	2	1	1	0.2650	27
Fix 180	103	2002	6	3	154	0.1258	3D Fix	62.9149	-155.6276	109	7	3	6	5	0.0100	71
Fix 181	103	2002	6	3	154	0.2511	2D Fix --	62.9146	-155.6300	111	6	6	1	1	0.0850	71
Fix 182	103	2002	6	3	154	0.3765	2D Fix --	62.9195	-155.6140	111	5	5	0	1	0.1000	17
Fix 183	103	2002	6	3	154	0.5015	2D Fix --	62.9214	-155.6106	111	5	5	1	1	0.0050	2
Fix 184	103	2002	6	3	154	0.6267	2D Fix --	62.9214	-155.6105	111	4	4	1	2	0.0400	2
Fix 188	103	2002	6	4	155	0.1267	3D Fix	62.9147	-155.6306	111	7	4	5	5	0.3350	71
Fix 190	103	2002	6	4	155	0.3758	3D Fix	62.9080	-155.5983	111	4	2	4	3	0.0300	2
Fix 192	103	2002	6	4	155	0.6268	3D Fix	62.9075	-155.5857	114	6	3	6	5	0.2650	94
Fix 194	103	2002	6	4	155	0.8757	3D Fix	62.9207	-155.5466	135	5	2	5	4	0.0150	2
Fix 197	103	2002	6	5	156	0.2504	3D Fix	62.9216	-155.5458	115	4	2	4	3	0.0150	17
Fix 202	103	2002	6	5	156	0.8763	2D Fix --	62.9131	-155.5956	115	0	0	0	0	0.0450	2
Fix 205	103	2002	6	6	157	0.2518	3D Fix	62.9103	-155.6149	112	5	2	4	3	0.2500	93
Fix 206	103	2002	6	6	157	0.3770	3D Fix	62.8836	-155.6396	172	6	3	6	4	0.0350	17
Fix 208	103	2002	6	6	157	0.6261	2D Fix --	62.8731	-155.6038	174	4	4	1	2	0.0200	10
Fix 209	103	2002	6	6	157	0.7504	3D Fix	62.8674	-155.6139	101	6	4	5	3	0.0250	10
Fix 210	103	2002	6	6	157	0.8765	2D Fix --	62.8675	-155.6142	102	0	0	0	0	0.0350	16
Fix 213	103	2002	6	7	158	0.2517	2D Fix --	62.8690	-155.6616	102	3	3	1	1	0.5400	93
Fix 214	103	2002	6	7	158	0.3763	2D Fix --	62.8960	-155.6392	105	0	0	0	0	0.2150	2
Fix 216	103	2002	6	7	158	0.6261	3D Fix	62.9103	-155.6151	132	7	3	6	5	0.0150	93
Fix 217	103	2002	6	7	158	0.7511	2D Fix --	62.9025	-155.6101	131	8	8	0	3	0.3100	2
Fix 218	103	2002	6	7	158	0.8762	2D Fix --	62.8732	-155.6049	130	0	0	0	0	0.1350	16

Fix 220	103	2002	6	8	159	0.1270	2D Fix --	62.8668	-155.6081	132	0	0	0	0	0.1300	10
Fix 223	103	2002	6	8	159	0.5009	2D Fix --	62.9069	-155.5752	134	3	3	1	1	0.1400	17
Fix 226	103	2002	6	8	159	0.8765	3D Fix	62.9137	-155.5707	115	4	3	3	2	0.1600	17
Fix 231	103	2002	6	9	160	0.5010	2D Fix --	62.9155	-155.5230	117	3	2	1	1	0.0550	2
Fix 232	103	2002	6	9	160	0.6258	2D Fix --	62.9122	-155.5222	117	2	2	0	1	0.1200	2
Fix 238	103	2002	6	10	161	0.3763	2D Fix --	62.9093	-155.5979	117	3	3	0	2	0.0300	2
Fix 239	103	2002	6	10	161	0.5019	2D Fix --	62.9090	-155.5979	117	0	0	0	0	0.0200	2
Fix 240	103	2002	6	10	161	0.6254	3D Fix	62.9089	-155.5977	117	4	2	4	3	0.0100	2
Fix 241	103	2002	6	10	161	0.7504	3D Fix	62.9097	-155.5985	118	5	3	3	3	0.0050	2
Fix 243	103	2002	6	11	162	0.0008	2D Fix --	62.9100	-155.5982	118	6	5	1	2	0.0100	2
Fix 244	103	2002	6	11	162	0.1265	2D Fix --	62.9100	-155.5976	118	2	2	0	1	0.0100	4
Fix 246	103	2002	6	11	162	0.3754	3D Fix	62.9098	-155.5978	107	5	3	3	3	0.0200	3
Fix 247	103	2002	6	11	162	0.5010	2D Fix --	62.9100	-155.5976	108	5	5	1	2	0.0150	4
Fix 248	103	2002	6	11	162	0.6256	3D Fix	62.9100	-155.5979	109	4	1	4	2	0.0150	4
Fix 249	103	2002	6	11	162	0.7509	2D Fix --	62.9100	-155.5978	110	3	3	0	1	0.0050	4
Fix 250	103	2002	6	11	162	0.8761	3D Fix	62.9100	-155.5975	110	6	3	5	4	0.0150	4
Fix 252	103	2002	6	12	163	0.1257	3D Fix	62.9101	-155.5977	111	4	3	3	2	0.0050	2
Fix 255	103	2002	6	12	163	0.5008	2D Fix --	62.9100	-155.5963	112	3	3	1	2	0.0300	2
Fix 257	103	2002	6	12	163	0.7507	3D Fix	62.9093	-155.5933	112	5	4	3	3	0.0150	2
Fix 259	103	2002	6	13	164	0.0019	2D Fix --	62.9092	-155.5934	112	0	0	0	0	0.0250	2
Fix 260	103	2002	6	13	164	0.1254	3D Fix	62.9083	-155.5933	115	3	2	3	2	0.0200	21
Fix 261	103	2002	6	13	164	0.2508	2D Fix --	62.9084	-155.5939	115	5	5	1	2	0.0000	2
Fix 262	103	2002	6	13	164	0.3754	3D Fix	62.9084	-155.5940	107	4	3	3	3	0.0000	2
Fix 263	103	2002	6	13	164	0.5004	3D Fix	62.9083	-155.5939	119	6	2	6	4	0.0000	2
Fix 264	103	2002	6	13	164	0.6257	3D Fix	62.9083	-155.5940	103	3	1	3	2	0.0000	2
Fix 265	103	2002	6	13	164	0.7508	3D Fix	62.9083	-155.5942	105	3	2	3	2	0.0000	2
Fix 266	103	2002	6	13	164	0.8758	2D Fix --	62.9083	-155.5939	106	2	2	0	1	0.0000	2
Fix 267	103	2002	6	14	165	0.0005	3D Fix	62.9083	-155.5939	108	5	2	4	3	0.0000	2
Fix 268	103	2002	6	14	165	0.1254	3D Fix	62.9082	-155.5940	119	4	3	2	2	0.0000	27
Fix 269	103	2002	6	14	165	0.2509	2D Fix --	62.9084	-155.5937	119	0	0	0	0	0.0000	2
Fix 270	103	2002	6	14	165	0.3756	3D Fix	62.9082	-155.5938	119	4	3	3	3	0.0000	27
Fix 271	103	2002	6	14	165	0.5008	2D Fix --	62.9083	-155.5938	118	2	2	0	1	0.0000	2
Fix 273	103	2002	6	14	165	0.7506	3D Fix	62.9083	-155.5938	123	6	4	5	5	0.0000	2
Fix 274	103	2002	6	14	165	0.8760	2D Fix --	62.9083	-155.5937	123	5	4	1	2	0.0000	2

Fix 275	103	2002	6	15	166	0.0008	2D Fix --	62.9083	-155.5939	123	4	3	1	2	0.0000	2
Fix 276	103	2002	6	15	166	0.1258	2D Fix --	62.9083	-155.5939	123	4	4	1	2	0.0000	2
Fix 278	103	2002	6	15	166	0.3760	3D Fix	62.9082	-155.5939	122	3	2	3	2	0.0000	27
Fix 279	103	2002	6	15	166	0.5006	3D Fix	62.9081	-155.5939	121	6	4	5	4	0.0000	27
Fix 280	103	2002	6	15	166	0.6258	3D Fix	62.9082	-155.5939	120	5	2	5	4	0.0000	27
Fix 281	103	2002	6	15	166	0.7504	3D Fix	62.9082	-155.5940	131	5	3	4	4	0.0000	27
Fix 282	103	2002	6	15	166	0.8756	3D Fix	62.9082	-155.5938	125	4	3	4	3	0.0000	27
Fix 286	103	2002	6	16	167	0.3756	3D Fix	62.9082	-155.5938	125	3	2	3	2	0.0000	27
Fix 287	103	2002	6	16	167	0.5004	3D Fix	62.9083	-155.5936	94	6	4	5	4	0.0000	21
Fix 288	103	2002	6	16	167	0.6266	2D Fix --	62.9088	-155.5933	96	11	11	1	4	0.0000	2
Fix 289	103	2002	6	16	167	0.7504	3D Fix	62.9082	-155.5937	98	4	2	3	3	0.0000	27
Fix 290	103	2002	6	16	167	0.8756	3D Fix	62.9083	-155.5938	98	4	3	3	3	0.0000	2
Fix 291	103	2002	6	17	168	0.0009	2D Fix --	62.9083	-155.5940	98	0	0	0	0	0.0000	2
Fix 292	103	2002	6	17	168	0.1260	2D Fix --	62.9082	-155.5938	98	2	2	0	1	0.0000	27
Fix 293	103	2002	6	17	168	0.2513	2D Fix --	62.9081	-155.5939	98	4	4	1	2	0.0000	27
Fix 294	103	2002	6	17	168	0.3758	2D Fix --	62.9083	-155.5939	98	2	2	0	1	0.0000	2
Fix 295	103	2002	6	17	168	0.5005	3D Fix	62.9084	-155.5937	99	6	4	4	4	0.0000	2
Fix 296	103	2002	6	17	168	0.6254	3D Fix	62.9083	-155.5938	120	4	2	4	3	0.0000	2
Fix 297	103	2002	6	17	168	0.7504	3D Fix	62.9083	-155.5939	117	6	3	5	4	0.0000	2
Fix 298	103	2002	6	17	168	0.8754	3D Fix	62.9083	-155.5938	110	4	3	3	3	0.0000	2
Fix 299	103	2002	6	18	169	0.0011	2D Fix --	62.9084	-155.5937	110	4	4	1	2	0.0000	2
Fix 300	103	2002	6	18	169	0.1258	3D Fix	62.9083	-155.5938	110	3	2	2	2	0.0000	2
Fix 302	103	2002	6	18	169	0.3757	3D Fix	62.9082	-155.5939	112	4	2	4	3	0.0000	27
Fix 303	103	2002	6	18	169	0.5004	3D Fix	62.9082	-155.5940	108	5	2	4	3	0.0000	27
Fix 304	103	2002	6	18	169	0.6254	3D Fix	62.9083	-155.5939	104	4	2	4	3	0.0000	2
Fix 305	103	2002	6	18	169	0.7504	3D Fix	62.9082	-155.5938	126	4	2	4	3	0.0000	27
Fix 306	103	2002	6	18	169	0.8757	3D Fix	62.9083	-155.5938	124	4	2	4	3	0.0000	2
Fix 307	103	2002	6	19	170	0.0008	3D Fix	62.9082	-155.5939	122	5	3	4	4	0.0000	27
Fix 308	103	2002	6	19	170	0.1257	3D Fix	62.9083	-155.5938	110	7	3	6	5	0.0000	2
Fix 309	103	2002	6	19	170	0.2508	2D Fix --	62.9082	-155.5939	110	4	3	1	2	0.0000	27
Fix 310	103	2002	6	19	170	0.3758	2D Fix --	62.9083	-155.5939	110	4	4	1	2	0.0000	2
Fix 311	103	2002	6	19	170	0.5004	3D Fix	62.9083	-155.5938	131	5	4	3	3	0.0000	2
Fix 312	103	2002	6	19	170	0.6254	3D Fix	62.9081	-155.5939	110	4	3	3	2	0.0000	27
Fix 313	103	2002	6	19	170	0.7508	2D Fix --	62.9084	-155.5938	111	2	2	0	1	0.0000	2

Fix 314	103	2002	6	19	170	0.8754	3D Fix	62.9082	-155.5939	115	4	2	4	3	0.0000	27
Fix 315	103	2002	6	20	171	0.0008	2D Fix --	62.9083	-155.5939	115	3	3	1	1	0.0000	2
Fix 316	103	2002	6	20	171	0.1257	3D Fix	62.9083	-155.5938	114	6	3	6	5	0.0000	2
Fix 317	103	2002	6	20	171	0.2511	2D Fix --	62.9083	-155.5939	113	3	3	1	1	0.0000	2
Fix 318	103	2002	6	20	171	0.3754	3D Fix	62.9082	-155.5938	115	5	1	5	3	0.0000	27
Fix 319	103	2002	6	20	171	0.5004	3D Fix	62.9081	-155.5939	126	5	4	3	3	0.0000	27
Fix 320	103	2002	6	20	171	0.6261	2D Fix --	62.9083	-155.5940	123	5	5	1	2	0.0000	2
Fix 321	103	2002	6	20	171	0.7508	2D Fix --	62.9082	-155.5938	123	2	2	0	1	0.0000	27
Fix 322	103	2002	6	20	171	0.8754	3D Fix	62.9083	-155.5939	118	4	2	4	3	0.0000	2
Fix 323	103	2002	6	21	172	0.0004	3D Fix	62.9083	-155.5938	117	4	2	3	2	0.0000	2
Fix 324	103	2002	6	21	172	0.1258	2D Fix --	62.9084	-155.5940	117	11	11	1	3	0.0000	2
Fix 325	103	2002	6	21	172	0.2510	2D Fix --	62.9083	-155.5938	117	3	3	1	2	0.0000	2
Fix 326	103	2002	6	21	172	0.3758	2D Fix --	62.9083	-155.5939	117	2	2	0	1	0.0000	2
Fix 327	103	2002	6	21	172	0.5004	3D Fix	62.9081	-155.5941	101	5	4	3	3	0.0000	27
Fix 328	103	2002	6	21	172	0.6257	3D Fix	62.9085	-155.5937	103	4	2	3	2	0.0000	2
Fix 329	103	2002	6	21	172	0.7508	2D Fix --	62.9083	-155.5938	105	3	3	0	1	0.0000	2
Fix 330	103	2002	6	21	172	0.8760	2D Fix --	62.9083	-155.5939	105	3	3	1	1	0.0000	2
Fix 331	103	2002	6	22	173	0.0011	2D Fix --	62.9083	-155.5940	105	3	3	1	1	0.0000	2
Fix 332	103	2002	6	22	173	0.1261	2D Fix --	62.9083	-155.5943	105	6	6	1	3	0.0000	3
Fix 333	103	2002	6	22	173	0.2504	3D Fix	62.9083	-155.5940	111	4	3	3	2	0.0000	2
Fix 334	103	2002	6	22	173	0.3758	2D Fix --	62.9083	-155.5939	112	1	1	0	1	0.0000	2
Fix 335	103	2002	6	22	173	0.5004	3D Fix	62.9083	-155.5939	110	3	2	3	2	0.0000	2
Fix 336	103	2002	6	22	173	0.6254	3D Fix	62.9082	-155.5939	120	3	2	3	2	0.0000	27
Fix 337	103	2002	6	22	173	0.7504	3D Fix	62.9083	-155.5939	118	3	1	3	2	0.0000	2
Fix 338	103	2002	6	22	173	0.8758	2D Fix --	62.9084	-155.5938	117	4	4	1	2	0.0000	2
Fix 339	103	2002	6	23	174	0.0007	3D Fix	62.9081	-155.5936	154	6	4	5	5	0.0000	81
Fix 340	103	2002	6	23	174	0.1254	3D Fix	62.9082	-155.5938	115	6	4	4	2	0.0000	27
Fix 341	103	2002	6	23	174	0.2506	3D Fix	62.9083	-155.5936	116	4	3	3	3	0.0000	21
Fix 342	103	2002	6	23	174	0.3758	2D Fix --	62.9083	-155.5938	116	1	1	0	1	0.0000	2
Fix 343	103	2002	6	23	174	0.5004	3D Fix	62.9083	-155.5939	113	3	2	3	2	0.0000	2
Fix 344	103	2002	6	23	174	0.6254	3D Fix	62.9082	-155.5939	113	3	2	2	1	0.0000	27
Fix 345	103	2002	6	23	174	0.7508	2D Fix --	62.9083	-155.5938	113	2	2	0	1	0.0000	2
Fix 346	103	2002	6	23	174	0.8758	2D Fix --	62.9083	-155.5939	113	2	2	0	1	0.0000	2
Fix 347	103	2002	6	24	175	0.0008	2D Fix --	62.9082	-155.5938	113	5	5	1	2	0.0000	27

Fix 348	103	2002	6	24	175	0.1258	2D Fix --	62.9083	-155.5938	113	7	6	1	1	0.0000	2
Fix 349	103	2002	6	24	175	0.2510	2D Fix --	62.9083	-155.5939	113	3	3	1	2	0.0000	2
Fix 350	103	2002	6	24	175	0.3767	2D Fix --	62.9083	-155.5939	113	1	1	0	1	0.0000	2
Fix 351	103	2002	6	24	175	0.5010	2D Fix --	62.9082	-155.5939	113	3	3	1	2	0.0000	27
Fix 353	103	2002	6	24	175	0.7508	2D Fix --	62.9083	-155.5938	113	1	1	0	1	0.0000	2
Fix 354	103	2002	6	24	175	0.8758	2D Fix --	62.9083	-155.5939	113	2	2	0	1	0.0000	2
Fix 355	103	2002	6	25	176	0.0007	3D Fix	62.9082	-155.5937	122	7	4	5	5	0.0000	27
Fix 356	103	2002	6	25	176	0.1261	2D Fix --	62.9083	-155.5939	123	2	2	1	1	0.0000	2
Fix 357	103	2002	6	25	176	0.2511	2D Fix --	62.9082	-155.5939	123	3	3	1	2	0.0000	27
Fix 358	103	2002	6	25	176	0.3758	2D Fix --	62.9083	-155.5939	123	2	2	0	1	0.0000	2
Fix 359	103	2002	6	25	176	0.5009	3D Fix	62.9082	-155.5938	123	5	3	5	3	0.0000	27
Fix 361	103	2002	6	25	176	0.7511	2D Fix --	62.9083	-155.5939	123	4	4	1	2	0.0150	2
Fix 362	103	2002	6	25	176	0.8758	2D Fix --	62.9084	-155.5938	123	2	2	0	1	0.0050	2
Fix 363	103	2002	6	26	177	0.0005	3D Fix	62.9083	-155.5936	122	3	2	3	2	0.0050	21
Fix 364	103	2002	6	26	177	0.1254	3D Fix	62.9084	-155.5938	122	6	4	5	3	0.0000	2
Fix 365	103	2002	6	26	177	0.2508	2D Fix --	62.9083	-155.5938	121	3	3	0	1	0.0100	2
Fix 373	103	2002	6	27	178	0.2513	2D Fix --	62.9085	-155.5938	122	3	3	0	1	0.0000	2
Fix 378	103	2002	6	27	178	0.8761	2D Fix --	62.9085	-155.5938	122	3	3	1	2	0.0000	2
Fix 380	103	2002	6	28	179	0.1265	2D Fix --	62.9084	-155.5938	122	3	3	1	1	0.0000	2
Fix 381	103	2002	6	28	179	0.2510	2D Fix --	62.9084	-155.5939	122	3	3	0	1	0.0000	2
Fix 382	103	2002	6	28	179	0.3763	2D Fix --	62.9084	-155.5938	122	3	3	1	1	0.0000	2
Fix 383	103	2002	6	28	179	0.5013	2D Fix --	62.9084	-155.5938	122	0	0	0	0	0.0000	2
Fix 384	103	2002	6	28	179	0.6268	2D Fix --	62.9084	-155.5939	122	5	5	1	1	0.0000	2
Fix 385	103	2002	6	28	179	0.7510	2D Fix --	62.9084	-155.5938	122	7	7	0	3	0.0000	2
Fix 386	103	2002	6	28	179	0.8765	2D Fix --	62.9085	-155.5938	122	3	3	1	2	0.0000	2
Fix 388	103	2002	6	29	180	0.1260	2D Fix --	62.9085	-155.5938	122	3	3	1	1	0.0000	2
Fix 389	103	2002	6	29	180	0.2504	3D Fix	62.9084	-155.5938	117	5	2	5	3	0.0000	2
Fix 390	103	2002	6	29	180	0.3760	2D Fix --	62.9084	-155.5938	117	3	3	1	2	0.0000	2
Fix 391	103	2002	6	29	180	0.5020	2D Fix --	62.9085	-155.5938	117	2	2	1	1	0.0000	2
Fix 392	103	2002	6	29	180	0.6258	2D Fix --	62.9084	-155.5938	117	2	2	0	1	0.0000	2
Fix 393	103	2002	6	29	180	0.7508	2D Fix --	62.9085	-155.5937	117	2	2	0	1	0.0000	2
Fix 394	103	2002	6	29	180	0.8758	3D Fix	62.9085	-155.5938	122	4	2	4	3	0.0000	2
Fix 395	103	2002	6	30	181	0.0006	3D Fix	62.9085	-155.5936	106	5	3	5	3	0.0000	21
Fix 396	103	2002	6	30	181	0.1256	3D Fix	62.9085	-155.5939	126	5	3	4	3	0.0000	2

Fix 397	103	2002	6	30	181	0.2508	3D Fix	62.9085	-155.5939	125	3	2	3	2	0.0000	2
Fix 398	103	2002	6	30	181	0.3755	3D Fix	62.9084	-155.5939	113	3	1	3	1	0.0000	2
Fix 399	103	2002	6	30	181	0.5004	3D Fix	62.9083	-155.5940	107	4	3	2	2	0.0000	2
Fix 400	103	2002	6	30	181	0.6256	3D Fix	62.9085	-155.5938	111	6	3	5	4	0.0000	2
Fix 401	103	2002	6	30	181	0.7508	2D Fix --	62.9085	-155.5938	111	3	3	0	2	0.0000	2
Fix 402	103	2002	6	30	181	0.8770	3D Fix	62.9084	-155.5938	104	4	2	3	2	0.0000	2
Fix 403	103	2002	7	1	182	0.0008	2D Fix --	62.9085	-155.5936	106	3	3	0	2	0.0000	21
Fix 404	103	2002	7	1	182	0.1254	3D Fix	62.9085	-155.5939	130	5	3	4	3	0.0000	2
Fix 405	103	2002	7	1	182	0.2508	2D Fix --	62.9085	-155.5938	130	2	2	0	1	0.0000	2
Fix 406	103	2002	7	1	182	0.3756	3D Fix	62.9085	-155.5938	120	3	1	2	1	0.0000	2
Fix 407	103	2002	7	1	182	0.5004	3D Fix	62.9085	-155.5938	118	4	3	3	3	0.0000	2
Fix 408	103	2002	7	1	182	0.6254	3D Fix	62.9084	-155.5940	134	6	3	5	4	0.0000	2
Fix 409	103	2002	7	1	182	0.7506	3D Fix	62.9084	-155.5940	132	4	2	3	3	0.0000	2
Fix 410	103	2002	7	1	182	0.8760	3D Fix	62.9085	-155.5937	117	7	5	4	5	0.0000	2
Fix 411	103	2002	7	2	183	0.0008	2D Fix --	62.9084	-155.5938	117	2	2	0	1	0.0000	2
Fix 412	103	2002	7	2	183	0.1254	3D Fix	62.9085	-155.5937	114	5	3	4	4	0.0000	2
Fix 413	103	2002	7	2	183	0.2504	3D Fix	62.9084	-155.5937	106	5	2	4	3	0.0000	2
Fix 414	103	2002	7	2	183	0.3754	3D Fix	62.9084	-155.5937	104	3	1	3	2	0.0000	2
Fix 415	103	2002	7	2	183	0.5004	3D Fix	62.9085	-155.5939	126	4	3	3	3	0.0000	2
Fix 416	103	2002	7	2	183	0.6254	3D Fix	62.9084	-155.5939	129	6	3	5	4	0.0000	2
Fix 417	103	2002	7	2	183	0.7508	2D Fix --	62.9083	-155.5937	127	4	4	1	2	0.0000	2
Fix 418	103	2002	7	2	183	0.8754	3D Fix	62.9085	-155.5938	108	3	1	3	2	0.0000	2
Fix 419	103	2002	7	3	184	0.0004	3D Fix	62.9085	-155.5938	115	3	2	3	1	0.0000	2
Fix 420	103	2002	7	3	184	0.1254	3D Fix	62.9084	-155.5937	109	5	2	4	3	0.0000	2
Fix 421	103	2002	7	3	184	0.2504	3D Fix	62.9084	-155.5936	110	3	2	3	2	0.0000	21
Fix 422	103	2002	7	3	184	0.3755	3D Fix	62.9085	-155.5938	123	4	3	3	3	0.0000	2
Fix 423	103	2002	7	3	184	0.5004	3D Fix	62.9085	-155.5936	102	4	3	3	3	0.0000	21
Fix 424	103	2002	7	3	184	0.6254	3D Fix	62.9085	-155.5938	112	6	3	5	4	0.0000	2
Fix 425	103	2002	7	3	184	0.7504	3D Fix	62.9084	-155.5939	127	5	3	4	4	0.0000	2
Fix 426	103	2002	7	3	184	0.8755	3D Fix	62.9084	-155.5938	125	5	2	4	3	0.0000	2
Fix 427	103	2002	7	4	185	0.0008	2D Fix --	62.9085	-155.5939	125	3	3	1	1	0.0000	2
Fix 428	103	2002	7	4	185	0.1271	2D Fix --	62.9085	-155.5938	125	0	0	0	0	0.0000	2
Fix 429	103	2002	7	4	185	0.2508	2D Fix --	62.9084	-155.5938	125	2	2	0	1	0.0000	2
Fix 430	103	2002	7	4	185	0.3761	2D Fix --	62.9085	-155.5938	125	4	4	1	1	0.0000	2

Fix 431	103	2002	7	4	185	0.5008	2D Fix --	62.9086	-155.5936	125	5	5	1	1	0.0000	2
Fix 432	103	2002	7	4	185	0.6258	3D Fix	62.9085	-155.5936	125	5	3	4	2	0.0000	21
Fix 433	103	2002	7	4	185	0.7507	3D Fix	62.9085	-155.5937	127	5	3	4	3	0.0000	2
Fix 434	103	2002	7	4	185	0.8760	2D Fix --	62.9084	-155.5938	124	2	2	1	1	0.0000	2
Fix 435	103	2002	7	5	186	0.0007	3D Fix	62.9085	-155.5938	124	5	2	5	3	0.0000	2
Fix 436	103	2002	7	5	186	0.1256	3D Fix	62.9085	-155.5938	123	5	3	4	3	0.0000	2
Fix 437	103	2002	7	5	186	0.2508	2D Fix --	62.9084	-155.5939	122	2	2	0	1	0.0000	2
Fix 438	103	2002	7	5	186	0.3758	3D Fix	62.9085	-155.5937	122	3	2	3	2	0.0000	2
Fix 439	103	2002	7	5	186	0.5008	2D Fix --	62.9085	-155.5938	122	3	3	0	1	0.0000	2
Fix 440	103	2002	7	5	186	0.6256	3D Fix	62.9085	-155.5939	123	7	4	5	5	0.0000	2
Fix 441	103	2002	7	5	186	0.7507	3D Fix	62.9084	-155.5938	123	5	2	5	4	0.0000	2
Fix 442	103	2002	7	5	186	0.8758	2D Fix --	62.9084	-155.5937	123	2	2	1	1	0.0000	2
Fix 443	103	2002	7	6	187	0.0008	2D Fix --	62.9085	-155.5939	123	2	2	0	1	0.0000	2
Fix 444	103	2002	7	6	187	0.1258	2D Fix --	62.9085	-155.5938	123	2	2	0	1	0.0000	2
Fix 445	103	2002	7	6	187	0.2508	2D Fix --	62.9084	-155.5939	123	2	2	0	1	0.0000	2
Fix 446	103	2002	7	6	187	0.3758	3D Fix	62.9085	-155.5941	123	3	2	2	2	0.0000	2
Fix 447	103	2002	7	6	187	0.5008	2D Fix --	62.9085	-155.5938	122	3	3	0	1	0.0000	2
Fix 448	103	2002	7	6	187	0.6254	3D Fix	62.9085	-155.5938	115	5	2	4	3	0.0000	2
Fix 449	103	2002	7	6	187	0.7507	3D Fix	62.9085	-155.5938	114	6	2	5	4	0.0000	2
Fix 450	103	2002	7	6	187	0.8754	3D Fix	62.9084	-155.5933	108	4	3	2	2	0.0000	21
Fix 451	103	2002	7	7	188	0.0006	3D Fix	62.9085	-155.5938	119	3	2	2	2	0.0000	2
Fix 452	103	2002	7	7	188	0.1255	3D Fix	62.9084	-155.5938	119	4	1	3	2	0.0000	2
Fix 453	103	2002	7	7	188	0.2508	2D Fix --	62.9084	-155.5940	119	2	2	0	1	0.0000	2
Fix 454	103	2002	7	7	188	0.3760	2D Fix --	62.9084	-155.5938	119	4	4	1	2	0.0000	2
Fix 455	103	2002	7	7	188	0.5004	3D Fix	62.9085	-155.5934	103	5	3	4	3	0.0000	21
Fix 456	103	2002	7	7	188	0.6254	3D Fix	62.9085	-155.5935	91	5	2	4	3	0.0000	21
Fix 457	103	2002	7	7	188	0.7507	3D Fix	62.9085	-155.5937	120	7	3	7	5	0.0000	2
Fix 458	103	2002	7	7	188	0.8754	3D Fix	62.9085	-155.5939	110	3	3	2	2	0.0000	2
Fix 459	103	2002	7	8	189	0.0004	3D Fix	62.9085	-155.5938	121	3	2	3	2	0.0000	2
Fix 460	103	2002	7	8	189	0.1257	3D Fix	62.9085	-155.5938	119	4	1	3	2	0.0000	2
Fix 461	103	2002	7	8	189	0.2508	2D Fix --	62.9084	-155.5938	119	2	2	0	1	0.0000	2
Fix 462	103	2002	7	8	189	0.3758	3D Fix	62.9084	-155.5938	119	3	2	2	1	0.0000	2
Fix 463	103	2002	7	8	189	0.5008	3D Fix	62.9085	-155.5939	120	5	4	4	4	0.0000	2
Fix 464	103	2002	7	8	189	0.6256	3D Fix	62.9084	-155.5939	123	7	2	7	5	0.0000	2

Fix 465	103	2002	7	8	189	0.7504	3D Fix	62.9083	-155.5942	141	7	4	5	5	0.0000	2
Fix 466	103	2002	7	8	189	0.8754	3D Fix	62.9085	-155.5939	116	3	1	2	1	0.0000	2
Fix 467	103	2002	7	9	190	0.0004	3D Fix	62.9085	-155.5937	115	3	2	3	2	0.0000	2
Fix 468	103	2002	7	9	190	0.1260	2D Fix --	62.9085	-155.5938	114	1	1	0	1	0.0000	2
Fix 469	103	2002	7	9	190	0.2504	3D Fix	62.9084	-155.5941	113	2	2	2	1	0.0000	2
Fix 470	103	2002	7	9	190	0.3761	2D Fix --	62.9084	-155.5936	113	7	7	1	2	0.0000	21
Fix 471	103	2002	7	9	190	0.5004	3D Fix	62.9085	-155.5937	116	5	2	4	4	0.0000	2
Fix 472	103	2002	7	9	190	0.6258	2D Fix --	62.9085	-155.5937	116	2	2	0	1	0.0000	2
Fix 473	103	2002	7	9	190	0.7508	2D Fix --	62.9085	-155.5938	116	2	2	0	1	0.0000	2
Fix 474	103	2002	7	9	190	0.8758	2D Fix --	62.9084	-155.5939	116	4	4	1	2	0.0000	2
Fix 475	103	2002	7	10	191	0.0004	3D Fix	62.9085	-155.5937	120	3	2	3	2	0.0000	2
Fix 476	103	2002	7	10	191	0.1258	2D Fix --	62.9085	-155.5937	119	1	1	0	1	0.0000	2
Fix 477	103	2002	7	10	191	0.2508	2D Fix --	62.9084	-155.5939	119	2	2	0	1	0.0000	2
Fix 479	103	2002	7	10	191	0.5008	2D Fix --	62.9084	-155.5939	119	2	2	0	1	0.0000	2
Fix 480	103	2002	7	10	191	0.6258	2D Fix --	62.9085	-155.5936	119	2	2	0	1	0.0000	21
Fix 481	103	2002	7	10	191	0.7508	2D Fix --	62.9085	-155.5939	119	4	4	1	2	0.0000	2
Fix 482	103	2002	7	10	191	0.8757	3D Fix	62.9085	-155.5937	114	4	3	2	2	0.0000	2
Fix 483	103	2002	7	11	192	0.0008	2D Fix --	62.9084	-155.5938	114	2	2	0	1	0.0000	2
Fix 484	103	2002	7	11	192	0.1258	2D Fix --	62.9085	-155.5939	114	4	4	1	3	0.0000	2
Fix 485	103	2002	7	11	192	0.2507	3D Fix	62.9084	-155.5939	113	5	3	4	3	0.0000	2
Fix 486	103	2002	7	11	192	0.3758	2D Fix --	62.9084	-155.5938	113	3	2	1	1	0.0000	2
Fix 487	103	2002	7	11	192	0.5008	2D Fix --	62.9085	-155.5935	113	3	3	1	2	0.0000	21
Fix 488	103	2002	7	11	192	0.6260	2D Fix --	62.9085	-155.5936	113	6	6	0	2	0.0000	21
Fix 489	103	2002	7	11	192	0.7508	2D Fix --	62.9086	-155.5937	113	2	2	0	1	0.0000	2
Fix 490	103	2002	7	11	192	0.8758	2D Fix --	62.9084	-155.5936	113	4	4	1	2	0.0000	21
Fix 491	103	2002	7	12	193	0.0004	3D Fix	62.9085	-155.5938	120	4	2	3	2	0.0000	2
Fix 492	103	2002	7	12	193	0.1258	2D Fix --	62.9084	-155.5938	119	4	4	1	3	0.0000	2
Fix 493	103	2002	7	12	193	0.2504	3D Fix	62.9084	-155.5938	107	2	2	2	2	0.0000	2
Fix 495	103	2002	7	12	193	0.5004	3D Fix	62.9085	-155.5938	119	5	2	4	4	0.0000	2
Fix 496	103	2002	7	12	193	0.6258	2D Fix --	62.9085	-155.5936	118	2	2	0	1	0.0000	21
Fix 497	103	2002	7	12	193	0.7508	2D Fix --	62.9085	-155.5938	118	2	2	0	1	0.0000	2
Fix 498	103	2002	7	12	193	0.8758	2D Fix --	62.9085	-155.5939	118	4	4	1	2	0.0000	2
Fix 499	103	2002	7	13	194	0.0004	3D Fix	62.9085	-155.5937	116	4	2	3	2	0.0000	2
Fix 500	103	2002	7	13	194	0.1254	3D Fix	62.9085	-155.5938	89	5	2	5	3	0.0000	2

Fix 501	103	2002	7	13	194	0.2507	3D Fix	62.9084	-155.5933	94	5	3	4	3	0.0000	21
Fix 503	103	2002	7	13	194	0.5008	2D Fix --	62.9085	-155.5934	95	3	3	1	2	0.0000	21
Fix 504	103	2002	7	13	194	0.6267	2D Fix --	62.9084	-155.5940	95	5	5	0	2	0.0000	2
Fix 505	103	2002	7	13	194	0.7508	2D Fix --	62.9083	-155.5939	95	2	2	0	1	0.0000	2
Fix 508	103	2002	7	14	195	0.1262	2D Fix --	62.9566	-155.5921	96	12	12	1	5	0.0000	43
Fix 509	103	2002	7	14	195	0.2510	2D Fix --	62.9559	-155.5920	95	5	5	1	1	0.0000	32
Fix 511	103	2002	7	14	195	0.5010	2D Fix --	62.9560	-155.5917	95	4	4	1	2	0.0000	26
Fix 513	103	2002	7	14	195	0.7508	2D Fix --	62.9562	-155.5921	95	6	6	1	3	0.0000	43
Fix 515	103	2002	7	15	196	0.0011	2D Fix --	62.9564	-155.5918	95	10	10	1	4	0.0000	21
Fix 517	103	2002	7	15	196	0.2508	2D Fix --	62.9560	-155.5919	95	6	5	1	1	0.0000	26
Fix 519	103	2002	7	15	196	0.5006	3D Fix	62.9564	-155.5918	96	6	3	5	4	0.0000	21
Fix 521	103	2002	7	15	196	0.7508	2D Fix --	62.9562	-155.5921	97	5	5	0	2	0.0000	43
Fix 524	103	2002	7	16	197	0.1258	2D Fix --	62.9565	-155.5920	97	9	9	1	4	0.0000	21
Fix 525	103	2002	7	16	197	0.2508	2D Fix --	62.9560	-155.5920	97	6	6	0	1	0.0000	32
Fix 527	103	2002	7	16	197	0.5011	2D Fix --	62.9561	-155.5919	97	3	3	1	1	0.0000	21
Fix 528	103	2002	7	16	197	0.6258	2D Fix --	62.9561	-155.5919	97	9	9	1	4	0.0000	21
Fix 529	103	2002	7	16	197	0.7511	2D Fix --	62.9563	-155.5922	97	5	5	1	2	0.0000	32
Fix 530	103	2002	7	16	197	0.8758	2D Fix --	62.9559	-155.5917	97	7	7	1	1	0.0000	26
Fix 532	103	2002	7	17	198	0.1258	2D Fix --	62.9564	-155.5920	97	8	8	1	4	0.0000	21
Fix 533	103	2002	7	17	198	0.2510	2D Fix --	62.9561	-155.5919	97	7	7	0	1	0.0000	21
Fix 536	103	2002	7	17	198	0.6258	2D Fix --	62.9561	-155.5919	97	3	3	0	1	0.0000	21
Fix 537	103	2002	7	17	198	0.7508	2D Fix --	62.9562	-155.5919	97	5	5	0	2	0.0000	21
Fix 538	103	2002	7	17	198	0.8758	2D Fix --	62.9560	-155.5918	97	6	6	1	1	0.0000	26
Fix 540	103	2002	7	18	199	0.1258	2D Fix --	62.9563	-155.5919	97	8	8	1	3	0.0000	21
Fix 541	103	2002	7	18	199	0.2510	2D Fix --	62.9562	-155.5918	97	9	9	0	2	0.0000	21
Fix 543	103	2002	7	18	199	0.5021	2D Fix --	62.9562	-155.5923	97	4	3	1	2	0.0000	43
Fix 544	103	2002	7	18	199	0.6258	3D Fix	62.9561	-155.5919	98	7	4	6	5	0.0000	21
Fix 551	103	2002	7	19	200	0.5013	2D Fix --	62.9562	-155.5920	99	4	3	1	2	0.0000	43
Fix 552	103	2002	7	19	200	0.6256	3D Fix	62.9560	-155.5920	99	6	3	5	4	0.0000	32
Fix 553	103	2002	7	19	200	0.7504	3D Fix	62.9561	-155.5918	101	4	2	3	3	0.0000	21
Fix 555	103	2002	7	20	201	0.0011	2D Fix --	62.9562	-155.5919	103	6	6	1	2	0.0000	21
Fix 556	103	2002	7	20	201	0.1267	2D Fix --	62.9562	-155.5919	103	6	6	1	3	0.0000	21
Fix 559	103	2002	7	20	201	0.5016	2D Fix --	62.9561	-155.5920	103	4	3	1	2	0.0000	43
Fix 560	103	2002	7	20	201	0.6254	3D Fix	62.9560	-155.5919	89	6	4	5	4	0.0000	26

Fix 561	103	2002	7	20	201	0.7508	2D Fix --	62.9561	-155.5919	89	4	3	1	1	0.0000	21
Fix 589	103	2002	7	24	205	0.2508	2D Fix --	62.9560	-155.5931	89	10	10	1	3	0.0000	4
Fix 590	103	2002	7	24	205	0.3754	3D Fix	62.9558	-155.5928	92	6	4	5	5	0.0000	32
Fix 591	103	2002	7	24	205	0.5008	2D Fix --	62.9559	-155.5930	93	2	2	0	1	0.0000	32
Fix 592	103	2002	7	24	205	0.6261	2D Fix --	62.9559	-155.5930	93	3	3	0	1	0.0000	32
Fix 593	103	2002	7	24	205	0.7504	3D Fix	62.9558	-155.5927	93	4	2	3	2	0.0000	32
Fix 594	103	2002	7	24	205	0.8754	3D Fix	62.9556	-155.5975	65	7	3	6	5	0.0000	20
Fix 134	105	2002	5	27	147	0.2510	3D Fix	62.8537	-155.7166	141	5	3	4	2	0.3050	16
Fix 135	105	2002	5	27	147	0.3760	2D Fix --	62.8642	-155.6853	141	8	8	1	5	0.0050	93
Fix 154	105	2002	5	29	149	0.7514	2D Fix --	62.8250	-155.7519	139	21	21	1	11	0.2650	21
Fix 161	105	2002	5	30	150	0.6265	2D Fix --	62.8424	-155.8915	141	4	4	1	2	0.2600	10
Fix 163	105	2002	5	30	150	0.8771	2D Fix --	62.8392	-155.8907	141	3	3	1	1	0.0450	10
Fix 169	105	2002	5	31	151	0.6258	3D Fix	62.8354	-155.8797	167	6	4	5	3	0.0850	10
Fix 170	105	2002	5	31	151	0.7516	2D Fix --	62.8398	-155.8902	187	0	0	0	0	0.0100	10
Fix 171	105	2002	5	31	151	0.8770	2D Fix --	62.8386	-155.8874	188	5	5	1	1	0.2600	10
Fix 174	105	2002	6	1	152	0.2508	2D Fix --	62.8457	-155.9036	189	10	10	1	5	0.0550	10
Fix 175	105	2002	6	1	152	0.3754	3D Fix	62.8391	-155.8983	554	7	5	4	3	0.0150	10
Fix 177	105	2002	6	1	152	0.6256	3D Fix	62.8390	-155.8981	556	6	3	5	4	0.0750	10
Fix 178	105	2002	6	1	152	0.7508	2D Fix --	62.8390	-155.8984	558	2	2	0	1	0.2900	10
Fix 179	105	2002	6	1	152	0.8764	3D Fix	62.8365	-155.8997	554	6	2	5	4	0.2200	10
Fix 183	105	2002	6	2	153	0.3768	2D Fix --	62.8514	-155.8972	554	9	9	1	2	0.1150	10
Fix 186	105	2002	6	2	153	0.7518	2D Fix --	62.8507	-155.8963	554	0	0	0	0	0.1100	10
Fix 193	105	2002	6	3	154	0.6260	3D Fix	62.8505	-155.8956	550	6	3	6	5	0.1550	10
Fix 195	105	2002	6	3	154	0.8764	2D Fix --	62.8509	-155.8961	550	0	0	0	0	0.0450	10
Fix 197	105	2002	6	4	155	0.1268	2D Fix --	62.8560	-155.9021	550	4	4	1	2	0.1450	10
Fix 198	105	2002	6	4	155	0.2509	2D Fix --	62.8581	-155.9032	550	0	0	0	0	0.0600	4
Fix 201	105	2002	6	4	155	0.6264	2D Fix --	62.8499	-155.8965	550	0	0	0	0	0.4400	16
Fix 202	105	2002	6	4	155	0.7514	2D Fix --	62.8364	-155.8403	548	13	13	1	6	0.0500	2
Fix 210	105	2002	6	5	156	0.7517	2D Fix --	62.8302	-155.8405	549	6	6	1	2	0.4900	17
Fix 211	105	2002	6	5	156	0.8762	3D Fix	62.8313	-155.7933	526	5	3	4	3	0.4700	10
Fix 217	105	2002	6	6	157	0.6260	2D Fix --	62.8921	-155.6554	528	2	2	0	1	0.2500	2
Fix 222	105	2002	6	7	158	0.2519	2D Fix --	62.8743	-155.8260	525	0	0	0	0	0.1150	10
Fix 231	105	2002	6	8	159	0.3758	2D Fix --	62.8559	-155.8482	525	6	6	0	1	0.0350	21
Fix 239	105	2002	6	9	160	0.3764	2D Fix --	62.8894	-155.7886	527	11	10	1	2	0.0950	10

Fix 253	105	2002	6	11	162	0.1266	2D Fix --	62.8580	-155.7318	525	0	0	0	0	0.1300	2
Fix 257	105	2002	6	11	162	0.6271	2D Fix --	62.8999	-155.6109	530	3	3	1	1	0.5950	2
Fix 266	105	2002	6	12	163	0.7521	2D Fix --	62.8915	-155.7884	525	5	5	1	1	0.4100	2
Fix 269	105	2002	6	13	164	0.1265	2D Fix --	62.8868	-155.7930	526	4	4	1	2	0.0950	10
Fix 271	105	2002	6	13	164	0.3756	2D Fix --	62.8209	-155.7462	522	16	16	1	3	0.2300	2
Fix 275	105	2002	6	13	164	0.8771	2D Fix --	62.9258	-155.6700	538	3	3	1	1	0.5400	5
Fix 276	105	2002	6	14	165	0.0020	2D Fix --	62.9192	-155.6554	526	2	2	1	1	0.0250	2
Fix 278	105	2002	6	14	165	0.2516	2D Fix --	62.9179	-155.6451	526	0	0	0	0	0.2750	3
Fix 289	105	2002	6	15	166	0.6261	3D Fix	62.9430	-155.6606	489	5	2	5	4	0.2150	2
Fix 290	105	2002	6	15	166	0.7507	3D Fix	62.9197	-155.6641	435	5	4	3	4	0.1450	2
Fix 297	105	2002	6	16	167	0.6254	3D Fix	62.9219	-155.6546	402	5	2	4	3	0.1000	2
Fix 298	105	2002	6	16	167	0.7510	2D Fix --	62.9186	-155.6486	395	7	6	1	2	0.1550	3
Fix 300	105	2002	6	17	168	0.0011	2D Fix --	62.9177	-155.6540	395	0	0	0	0	0.0650	2
Fix 301	105	2002	6	17	168	0.1271	2D Fix --	62.9192	-155.6558	395	4	4	1	1	0.0700	3
Fix 302	105	2002	6	17	168	0.2518	2D Fix --	62.9186	-155.6565	395	0	0	0	0	0.1650	2
Fix 303	105	2002	6	17	168	0.3764	2D Fix --	62.9173	-155.6543	395	0	0	0	0	0.3500	2
Fix 304	105	2002	6	17	168	0.5011	3D Fix	62.9204	-155.6525	125	5	2	4	3	0.0850	2
Fix 305	105	2002	6	17	168	0.6258	2D Fix --	62.9224	-155.6561	124	9	9	1	4	0.1500	4
Fix 306	105	2002	6	17	168	0.7511	3D Fix	62.9225	-155.6654	128	5	2	4	3	0.0650	4
Fix 309	105	2002	6	18	169	0.1265	2D Fix --	62.9226	-155.6647	129	0	0	0	0	0.0600	2
Fix 310	105	2002	6	18	169	0.2520	2D Fix --	62.9227	-155.6644	129	4	3	1	2	0.1600	3
Fix 311	105	2002	6	18	169	0.3759	3D Fix	62.9274	-155.6800	129	3	2	2	2	0.0850	3
Fix 312	105	2002	6	18	169	0.5009	2D Fix --	62.9353	-155.6909	130	0	0	0	0	0.0950	5
Fix 324	105	2002	6	20	171	0.0009	2D Fix --	62.8980	-155.7137	129	0	0	0	0	0.0000	4
Fix 334	105	2002	6	21	172	0.2508	2D Fix --	62.8448	-155.7362	129	3	3	0	1	0.0450	17
Fix 339	105	2002	6	21	172	0.8760	2D Fix --	62.8936	-155.6683	131	0	0	0	0	0.0900	17
Fix 344	105	2002	6	22	173	0.5014	2D Fix --	62.9000	-155.7541	130	5	5	1	2	0.0100	4
Fix 346	105	2002	6	22	173	0.7511	2D Fix --	62.8900	-155.7501	129	8	7	1	3	0.0650	10
Fix 347	105	2002	6	22	173	0.8757	2D Fix --	62.8892	-155.7545	129	0	0	0	0	0.0300	2
Fix 349	105	2002	6	23	174	0.1260	2D Fix --	62.8854	-155.7426	129	2	2	1	1	0.0250	2
Fix 350	105	2002	6	23	174	0.2520	3D Fix	62.8886	-155.7494	131	7	4	5	3	0.1000	21
Fix 351	105	2002	6	23	174	0.3771	2D Fix --	62.9023	-155.7355	136	0	0	0	0	0.0850	17
Fix 358	105	2002	6	24	175	0.2507	3D Fix	62.9211	-155.6672	135	4	3	3	3	0.0850	3
Fix 359	105	2002	6	24	175	0.3762	2D Fix --	62.9271	-155.6674	136	0	0	0	0	0.1600	4

Fix 360	105	2002	6	24	175	0.5008	2D Fix --	62.9260	-155.6771	135	2	2	0	1	0.0200	5
Fix 361	105	2002	6	24	175	0.6263	2D Fix --	62.9325	-155.6762	136	0	0	0	0	0.1750	5
Fix 363	105	2002	6	24	175	0.8767	2D Fix --	62.9250	-155.6594	134	0	0	0	0	0.0800	3
Fix 367	105	2002	6	25	176	0.3761	3D Fix	62.9125	-155.6605	136	5	3	4	3	0.1250	17
Fix 370	105	2002	6	25	176	0.7520	2D Fix --	62.9161	-155.6526	138	0	0	0	0	0.0750	17
Fix 374	105	2002	6	26	177	0.2518	2D Fix --	62.9097	-155.6279	137	11	11	1	7	0.1450	17
Fix 378	105	2002	6	26	177	0.7518	2D Fix --	62.9244	-155.6884	138	2	2	0	1	0.3850	3
Fix 379	105	2002	6	26	177	0.8764	2D Fix --	62.9189	-155.7147	137	3	2	1	1	0.0200	5
Fix 383	105	2002	6	27	178	0.3764	2D Fix --	62.8842	-155.8017	134	0	0	0	0	0.0200	10
Fix 384	105	2002	6	27	178	0.5021	2D Fix --	62.8845	-155.8027	137	3	3	1	2	0.1950	10
Fix 390	105	2002	6	28	179	0.2510	3D Fix	62.8607	-155.6858	134	6	3	5	4	0.1100	93
Fix 392	105	2002	6	28	179	0.5008	3D Fix	62.8625	-155.6877	114	5	2	5	4	0.0000	93
Fix 393	105	2002	6	28	179	0.6270	2D Fix --	62.8622	-155.6864	111	0	0	0	0	0.2050	93
Fix 395	105	2002	6	28	179	0.8756	3D Fix	62.8460	-155.7010	109	5	2	5	3	0.0300	92
Fix 396	105	2002	6	29	180	0.0017	2D Fix --	62.8459	-155.7010	109	2	2	0	1	0.0400	92
Fix 397	105	2002	6	29	180	0.1258	2D Fix --	62.8459	-155.7010	109	4	4	0	2	0.1950	92
Fix 401	105	2002	6	29	180	0.6261	3D Fix	62.8450	-155.7369	110	6	4	5	5	0.3900	17
Fix 402	105	2002	6	29	180	0.7519	2D Fix --	62.8357	-155.7733	109	0	0	0	0	0.3350	2
Fix 405	105	2002	6	30	181	0.1261	2D Fix --	62.8308	-155.7744	110	3	3	0	1	0.0950	13
Fix 408	105	2002	6	30	181	0.5013	2D Fix --	62.8330	-155.7417	110	9	9	1	1	0.1400	92
Fix 409	105	2002	6	30	181	0.6260	2D Fix --	62.8404	-155.7417	110	9	9	0	4	0.2850	10
Fix 410	105	2002	6	30	181	0.7514	2D Fix --	62.8424	-155.7311	110	14	14	1	8	0.0800	21
Fix 411	105	2002	6	30	181	0.8769	2D Fix --	62.8419	-155.7319	110	2	2	0	1	0.0500	10
Fix 413	105	2002	7	1	182	0.1261	2D Fix --	62.8437	-155.7339	110	7	7	1	3	0.0600	42
Fix 416	105	2002	7	1	182	0.5004	3D Fix	62.8556	-155.6976	121	7	4	5	6	0.3150	93
Fix 424	105	2002	7	2	183	0.5019	2D Fix --	62.9137	-155.5734	119	4	3	1	1	0.0850	17
Fix 425	105	2002	7	2	183	0.6271	2D Fix --	62.9180	-155.5779	118	0	0	0	0	0.2750	92
Fix 427	105	2002	7	2	183	0.8765	2D Fix --	62.9220	-155.5871	118	0	0	0	0	0.1400	2
Fix 428	105	2002	7	3	184	0.0018	2D Fix --	62.9192	-155.5873	118	678	678	2	182	0.0450	2
Fix 429	105	2002	7	3	184	0.1263	2D Fix --	62.9192	-155.5860	118	6	6	1	3	0.0150	2
Fix 430	105	2002	7	3	184	0.2516	2D Fix --	62.9189	-155.5842	118	4	4	1	2	0.0750	2
Fix 433	105	2002	7	3	184	0.6260	2D Fix --	62.9094	-155.6157	118	3	3	1	1	0.1000	2
Fix 441	105	2002	7	4	185	0.6268	2D Fix --	62.8546	-155.6987	115	4	4	1	3	0.2100	93
Fix 445	105	2002	7	5	186	0.1271	2D Fix --	62.8525	-155.7200	118	5	5	1	3	0.3700	13

Fix 449	105	2002	7	5	186	0.6257	2D Fix --	62.8071	-155.7645	117	0	0	0	0	0.0300	4
Fix 456	105	2002	7	6	187	0.5021	2D Fix --	62.8070	-155.7638	118	4	4	0	1	0.1100	4
Fix 462	105	2002	7	7	188	0.2521	2D Fix --	62.8069	-155.7649	118	8	8	0	3	0.2600	4
Fix 463	105	2002	7	7	188	0.3770	2D Fix --	62.8231	-155.7592	120	2	2	1	1	0.4250	2
Fix 464	105	2002	7	7	188	0.5020	2D Fix --	62.8259	-155.7412	118	3	3	0	1	0.1150	20
Fix 466	105	2002	7	7	188	0.7520	3D Fix	62.8580	-155.6854	120	7	4	5	5	0.3750	93
Fix 470	105	2002	7	8	189	0.2518	2D Fix --	62.8622	-155.6808	120	13	13	1	4	0.4300	21
Fix 472	105	2002	7	8	189	0.5018	2D Fix --	62.9310	-155.6375	130	0	0	0	0	0.3500	27
Fix 473	105	2002	7	8	189	0.6266	3D Fix	62.9551	-155.6729	122	7	2	6	5	0.4500	27
Fix 474	105	2002	7	8	189	0.7516	2D Fix --	62.9160	-155.7556	121	5	5	1	2	0.6050	5
Fix 478	105	2002	7	9	190	0.2512	2D Fix --	62.8845	-155.7557	121	0	0	0	0	0.1600	10
Fix 484	105	2002	7	10	191	0.0012	3D Fix	62.8420	-155.7315	120	4	2	4	3	0.2150	10
Fix 485	105	2002	7	10	191	0.1256	3D Fix	62.8441	-155.7286	119	4	3	3	2	0.3100	21
Fix 490	105	2002	7	10	191	0.7517	2D Fix --	62.8098	-155.7913	117	0	0	0	0	0.3900	92
Fix 494	105	2002	7	11	192	0.2510	2D Fix --	62.8214	-155.7638	119	0	0	0	0	0.5000	32
Fix 497	105	2002	7	11	192	0.6256	3D Fix	62.8578	-155.6849	119	6	2	6	4	0.5350	21
Fix 499	105	2002	7	11	192	0.8762	3D Fix	62.8562	-155.7057	119	6	4	3	3	0.1050	21
Fix 502	105	2002	7	12	193	0.2516	3D Fix	62.8555	-155.6952	118	6	3	5	4	0.4800	93
Fix 504	105	2002	7	12	193	0.5008	2D Fix --	62.8620	-155.6812	118	3	3	1	1	0.3500	10
Fix 505	105	2002	7	12	193	0.6260	2D Fix --	62.8556	-155.6934	118	6	6	1	3	0.4700	93
Fix 509	105	2002	7	13	194	0.1258	3D Fix	62.8463	-155.7279	118	4	2	3	2	0.1100	17
Fix 510	105	2002	7	13	194	0.2518	2D Fix --	62.8425	-155.7303	118	12	12	1	1	0.4850	20
Fix 518	105	2002	7	14	195	0.2517	2D Fix --	62.8516	-155.7185	119	0	0	0	0	0.2650	42
Fix 522	105	2002	7	14	195	0.7516	2D Fix --	62.8465	-155.7011	118	0	0	0	0	0.4250	92
Fix 524	105	2002	7	15	196	0.0011	2D Fix --	62.8518	-155.7185	118	3	2	1	1	0.0400	2
Fix 526	105	2002	7	15	196	0.2520	2D Fix --	62.8517	-155.7186	118	0	0	0	0	0.4100	42
Fix 529	105	2002	7	15	196	0.6268	2D Fix --	62.8417	-155.6976	117	6	6	1	3	0.6300	92
Fix 530	105	2002	7	15	196	0.7519	2D Fix --	62.8521	-155.7182	119	0	0	0	0	0.0950	20
Fix 532	105	2002	7	16	197	0.0017	3D Fix	62.8454	-155.7258	117	6	3	6	5	0.4250	17
Fix 538	105	2002	7	16	197	0.7517	2D Fix --	62.8550	-155.6983	117	0	0	0	0	0.3500	93
Fix 540	105	2002	7	17	198	0.0012	3D Fix	62.8569	-155.6892	111	7	3	6	4	0.3100	20
Fix 541	105	2002	7	17	198	0.1267	3D Fix	62.8561	-155.6890	115	6	5	3	2	0.3100	2
Fix 542	105	2002	7	17	198	0.2511	2D Fix --	62.8518	-155.7202	115	9	9	1	2	0.5300	20
Fix 544	105	2002	7	17	198	0.5012	3D Fix	62.8396	-155.7286	114	5	3	5	3	0.1200	4

Fix 549	105	2002	7	18	199	0.1261	3D Fix	62.8033	-155.6722	113	4	2	4	3	0.1450	2
Fix 551	105	2002	7	18	199	0.3765	2D Fix --	62.8421	-155.6974	114	3	3	1	2	0.2650	92
Fix 553	105	2002	7	18	199	0.6261	2D Fix --	62.8525	-155.6991	113	2	2	1	1	0.3800	3
Fix 555	105	2002	7	18	199	0.8758	2D Fix --	62.8568	-155.6898	113	2	2	0	1	0.0300	2
Fix 556	105	2002	7	19	200	0.0004	3D Fix	62.8567	-155.6896	114	4	2	4	3	0.0200	2
Fix 557	105	2002	7	19	200	0.1257	3D Fix	62.8574	-155.6875	113	5	2	4	3	0.3400	20
Fix 558	105	2002	7	19	200	0.2511	2D Fix --	62.8528	-155.6796	113	10	10	0	2	0.3300	4
Fix 561	105	2002	7	19	200	0.6258	2D Fix --	62.8403	-155.7364	113	5	5	0	2	0.4700	21
Fix 562	105	2002	7	19	200	0.7504	3D Fix	62.8211	-155.7447	108	4	2	3	2	0.4750	20
Fix 565	105	2002	7	20	201	0.1265	2D Fix --	62.8161	-155.7813	108	3	3	1	1	0.4300	2
Fix 568	105	2002	7	20	201	0.5014	2D Fix --	62.8094	-155.8077	108	0	0	0	0	0.4650	4
Fix 569	105	2002	7	20	201	0.6271	2D Fix --	62.8067	-155.7928	108	4	4	1	2	0.3650	37
Fix 578	105	2002	7	21	202	0.7513	2D Fix --	62.8131	-155.6401	109	0	0	0	0	0.3250	2
Fix 589	105	2002	7	23	204	0.1270	2D Fix --	62.8008	-155.7915	108	3	3	1	1	0.3900	2
Fix 590	105	2002	7	23	204	0.2510	3D Fix	62.8078	-155.7955	111	4	2	3	2	0.3400	20
Fix 592	105	2002	7	23	204	0.5018	2D Fix --	62.8072	-155.7930	111	4	4	1	1	0.3600	4
Fix 593	105	2002	7	23	204	0.6267	2D Fix --	62.8095	-155.7944	111	9	9	1	3	0.1500	92
Fix 594	105	2002	7	23	204	0.7515	3D Fix	62.8173	-155.7909	110	5	2	5	4	0.4550	20
Fix 598	105	2002	7	24	205	0.2508	2D Fix --	62.8557	-155.6922	112	0	0	0	0	0.3900	21
Fix 601	105	2002	7	24	205	0.6264	3D Fix	62.8563	-155.6884	110	4	2	3	3	0.5000	20
Fix 135	110	2002	5	27	147	0.0006	3D Fix	62.8154	-155.5782	136	5	3	4	4	0.0100	2
Fix 137	110	2002	5	27	147	0.2508	2D Fix --	62.8156	-155.5775	136	4	4	0	3	0.0150	2
Fix 138	110	2002	5	27	147	0.3757	2D Fix --	62.8161	-155.5812	134	0	0	0	0	0.0150	2
Fix 140	110	2002	5	27	147	0.6260	2D Fix --	62.8138	-155.5472	134	5	5	1	2	0.1500	2
Fix 141	110	2002	5	27	147	0.7511	2D Fix --	62.8102	-155.5007	134	10	10	1	4	0.2600	5
Fix 142	110	2002	5	27	147	0.8757	2D Fix --	62.7876	-155.4652	133	0	0	0	0	0.0150	2
Fix 143	110	2002	5	28	148	0.0008	2D Fix --	62.7789	-155.4465	134	0	0	0	0	0.4750	2
Fix 144	110	2002	5	28	148	0.1258	2D Fix --	62.7632	-155.4041	134	2	2	0	1	0.1650	2
Fix 147	110	2002	5	28	148	0.5009	3D Fix	62.7597	-155.4096	130	4	2	4	3	0.0050	2
Fix 148	110	2002	5	28	148	0.6260	2D Fix --	62.7615	-155.4112	129	2	2	0	1	0.1850	2
Fix 150	110	2002	5	28	148	0.8756	3D Fix	62.7439	-155.3699	129	7	3	6	5	0.0100	16
Fix 151	110	2002	5	29	149	0.0021	2D Fix --	62.7429	-155.3707	129	0	0	0	0	0.1600	16
Fix 152	110	2002	5	29	149	0.1261	2D Fix --	62.7434	-155.3730	129	3	3	0	1	0.0050	1
Fix 153	110	2002	5	29	149	0.2514	2D Fix --	62.7493	-155.3893	129	26	26	1	10	0.0350	4

Fix 157	110	2002	5	29	149	0.7508	2D Fix --	62.7736	-155.4123	129	3	3	0	1	0.3850	2
Fix 158	110	2002	5	29	149	0.8758	2D Fix --	62.7795	-155.3296	129	5	5	0	2	0.2300	2
Fix 160	110	2002	5	30	150	0.1260	2D Fix --	62.7984	-155.3206	129	2	2	0	1	0.0900	43
Fix 161	110	2002	5	30	150	0.2517	2D Fix --	62.7889	-155.3556	129	39	39	1	15	0.1600	2
Fix 162	110	2002	5	30	150	0.3764	2D Fix --	62.7637	-155.3480	129	7	7	1	4	0.0050	5
Fix 164	110	2002	5	30	150	0.6267	2D Fix --	62.7637	-155.3480	129	0	0	0	0	0.0350	5
Fix 165	110	2002	5	30	150	0.7515	2D Fix --	62.7473	-155.3506	129	2	2	0	1	0.0550	5
Fix 166	110	2002	5	30	150	0.8761	2D Fix --	62.7322	-155.3559	131	9	9	0	4	0.3100	2
Fix 168	110	2002	5	31	151	0.1258	2D Fix --	62.7301	-155.3422	131	1	1	0	1	0.0050	2
Fix 170	110	2002	5	31	151	0.3760	2D Fix --	62.7229	-155.3327	131	7	7	1	4	0.0650	2
Fix 172	110	2002	5	31	151	0.6258	2D Fix --	62.7165	-155.3164	131	6	6	1	3	0.2450	4
Fix 173	110	2002	5	31	151	0.7508	2D Fix --	62.6883	-155.3166	131	3	3	0	1	0.2750	4
Fix 174	110	2002	5	31	151	0.8771	2D Fix --	62.6882	-155.3155	131	2	2	0	1	0.4400	2
Fix 176	110	2002	6	1	152	0.1256	3D Fix	62.6965	-155.3107	132	7	3	6	5	0.0500	2
Fix 177	110	2002	6	1	152	0.2515	2D Fix --	62.6951	-155.3226	132	8	8	0	3	0.2550	2
Fix 178	110	2002	6	1	152	0.3766	3D Fix	62.7067	-155.3468	134	4	2	4	3	0.0350	2
Fix 179	110	2002	6	1	152	0.5011	2D Fix --	62.7066	-155.3467	135	8	8	1	1	0.0150	2
Fix 182	110	2002	6	1	152	0.8765	2D Fix --	62.7012	-155.3376	134	3	2	1	1	0.2050	4
Fix 185	110	2002	6	2	153	0.2521	2D Fix --	62.6962	-155.3215	134	3	3	1	1	0.3000	16
Fix 188	110	2002	6	2	153	0.6260	2D Fix --	62.6804	-155.3140	133	0	0	0	0	0.0850	2
Fix 189	110	2002	6	2	153	0.7508	2D Fix --	62.6726	-155.3081	134	6	6	1	3	0.4000	2
Fix 190	110	2002	6	2	153	0.8754	3D Fix	62.6751	-155.3830	164	5	2	5	4	0.3750	2
Fix 191	110	2002	6	3	154	0.0020	2D Fix --	62.7044	-155.3463	165	0	0	0	0	0.1800	21
Fix 194	110	2002	6	3	154	0.3761	2D Fix --	62.7643	-155.3531	165	10	10	1	2	0.0150	3
Fix 197	110	2002	6	3	154	0.7513	2D Fix --	62.7754	-155.3665	164	3	3	0	1	0.3000	2
Fix 198	110	2002	6	3	154	0.8754	3D Fix	62.7531	-155.3690	140	4	2	4	3	0.4000	2
Fix 199	110	2002	6	4	155	0.0008	2D Fix --	62.7275	-155.3348	140	6	6	1	1	0.0200	32
Fix 200	110	2002	6	4	155	0.1265	3D Fix	62.7229	-155.3266	168	7	4	5	5	0.2900	4
Fix 201	110	2002	6	4	155	0.2511	3D Fix	62.7388	-155.2234	168	5	2	4	3	0.3900	32
Fix 202	110	2002	6	4	155	0.3754	3D Fix	62.7674	-155.2504	160	6	4	5	4	0.2700	16
Fix 203	110	2002	6	4	155	0.5007	3D Fix	62.7765	-155.2552	160	3	2	3	2	0.0100	32
Fix 204	110	2002	6	4	155	0.6254	3D Fix	62.7784	-155.2585	179	6	3	6	5	0.2850	2
Fix 205	110	2002	6	4	155	0.7508	2D Fix --	62.7880	-155.3305	178	2	2	0	1	0.2200	3
Fix 206	110	2002	6	4	155	0.8754	3D Fix	62.7491	-155.3509	143	3	2	2	2	0.2300	2

Fix 208	110	2002	6	5	156	0.1268	3D Fix	62.7357	-155.3474	106	7	4	5	5	0.0850	5
Fix 209	110	2002	6	5	156	0.2504	3D Fix	62.7371	-155.3439	118	5	2	4	3	0.2850	2
Fix 210	110	2002	6	5	156	0.3765	2D Fix --	62.7359	-155.3388	119	0	0	0	0	0.0350	4
Fix 212	110	2002	6	5	156	0.6261	2D Fix --	62.7331	-155.3401	119	2	2	0	1	0.0950	16
Fix 214	110	2002	6	5	156	0.8770	2D Fix --	62.7354	-155.3613	120	0	0	0	0	0.0250	2
Fix 217	110	2002	6	6	157	0.2512	2D Fix --	62.7108	-155.3299	118	0	0	0	0	0.1100	2
Fix 219	110	2002	6	6	157	0.5014	2D Fix --	62.6983	-155.3167	119	4	4	1	1	0.0900	2
Fix 220	110	2002	6	6	157	0.6261	3D Fix	62.6881	-155.3134	124	6	4	5	3	0.1150	2
Fix 221	110	2002	6	6	157	0.7508	2D Fix --	62.6776	-155.3217	124	8	7	1	3	0.0050	4
Fix 222	110	2002	6	6	157	0.8756	3D Fix	62.6777	-155.3227	127	4	3	3	3	0.0100	2
Fix 223	110	2002	6	7	158	0.0008	2D Fix --	62.6766	-155.3219	128	2	2	0	1	0.0150	4
Fix 224	110	2002	6	7	158	0.1258	3D Fix	62.6964	-155.3219	131	7	5	5	5	0.2200	17
Fix 225	110	2002	6	7	158	0.2506	3D Fix	62.7293	-155.3255	133	5	2	4	3	0.5550	4
Fix 226	110	2002	6	7	158	0.3758	2D Fix --	62.7422	-155.2089	135	10	10	0	1	0.4150	2
Fix 227	110	2002	6	7	158	0.5020	2D Fix --	62.7545	-155.3261	135	2	2	0	1	0.5250	2
Fix 229	110	2002	6	7	158	0.7514	2D Fix --	62.7388	-155.3257	134	4	4	0	1	0.3650	2
Fix 230	110	2002	6	7	158	0.8760	3D Fix	62.7606	-155.2737	137	3	2	3	2	0.0350	4
Fix 231	110	2002	6	8	159	0.0008	2D Fix --	62.7606	-155.2735	139	2	2	1	1	0.0100	4
Fix 234	110	2002	6	8	159	0.3760	2D Fix --	62.7692	-155.3273	139	10	10	0	2	0.4450	5
Fix 235	110	2002	6	8	159	0.5006	3D Fix	62.7574	-155.2933	156	7	4	6	5	0.0100	2
Fix 236	110	2002	6	8	159	0.6258	2D Fix --	62.7520	-155.3098	156	5	5	0	2	0.2100	4
Fix 237	110	2002	6	8	159	0.7508	2D Fix --	62.7060	-155.3503	156	9	9	0	3	0.4200	4
Fix 238	110	2002	6	8	159	0.8763	2D Fix --	62.6886	-155.3179	156	3	3	1	1	0.0750	21
Fix 239	110	2002	6	9	160	0.0010	2D Fix --	62.6852	-155.3247	155	2	2	1	1	0.0350	4
Fix 240	110	2002	6	9	160	0.1264	2D Fix --	62.6851	-155.3247	155	7	7	1	4	0.1150	4
Fix 242	110	2002	6	9	160	0.3758	2D Fix --	62.7416	-155.2989	156	9	9	0	2	0.5600	2
Fix 243	110	2002	6	9	160	0.5014	2D Fix --	62.7741	-155.2728	156	0	0	0	0	0.4600	2
Fix 244	110	2002	6	9	160	0.6261	3D Fix	62.7456	-155.2092	153	6	3	5	3	0.3100	2
Fix 245	110	2002	6	9	160	0.7507	3D Fix	62.7638	-155.3372	154	4	3	3	2	0.0850	2
Fix 246	110	2002	6	9	160	0.8764	3D Fix	62.7273	-155.3599	137	4	3	3	2	0.2050	4
Fix 247	110	2002	6	10	161	0.0011	3D Fix	62.6947	-155.4290	200	5	2	5	4	0.0050	4
Fix 251	110	2002	6	10	161	0.5009	3D Fix	62.6844	-155.4481	193	7	6	3	2	0.0050	2
Fix 252	110	2002	6	10	161	0.6256	2D Fix --	62.6838	-155.4452	193	0	0	0	0	0.1050	2
Fix 253	110	2002	6	10	161	0.7504	3D Fix	62.6797	-155.3865	153	3	2	2	2	0.1850	4

Fix 254	110	2002	6	10	161	0.8754	3D Fix	62.6894	-155.3693	173	5	2	5	4	0.0400	2
Fix 255	110	2002	6	11	162	0.0008	2D Fix --	62.6895	-155.3694	175	6	5	1	2	0.0200	2
Fix 256	110	2002	6	11	162	0.1263	2D Fix --	62.6997	-155.3495	175	4	4	0	1	0.2650	21
Fix 257	110	2002	6	11	162	0.2514	2D Fix --	62.7084	-155.3311	175	0	0	0	0	0.0600	2
Fix 259	110	2002	6	11	162	0.5008	2D Fix --	62.7210	-155.3324	175	2	2	1	1	0.0100	2
Fix 260	110	2002	6	11	162	0.6254	3D Fix	62.7330	-155.3188	164	4	2	3	3	0.4300	2
Fix 261	110	2002	6	11	162	0.7508	2D Fix --	62.7297	-155.2254	164	3	3	0	1	0.2650	4
Fix 263	110	2002	6	12	163	0.0013	2D Fix --	62.7452	-155.2030	165	7	7	1	3	0.0400	4
Fix 265	110	2002	6	12	163	0.2511	2D Fix --	62.7501	-155.1978	165	0	0	0	0	0.4400	4
Fix 267	110	2002	6	12	163	0.5015	2D Fix --	62.7784	-155.4173	166	4	4	1	1	0.5150	16
Fix 268	110	2002	6	12	163	0.6264	2D Fix --	62.7535	-155.3643	164	2	2	0	1	0.4550	4
Fix 269	110	2002	6	12	163	0.7508	2D Fix --	62.7522	-155.4022	165	3	3	0	0	0.0750	2
Fix 270	110	2002	6	12	163	0.8754	3D Fix	62.7514	-155.4027	162	2	1	2	1	0.0150	2
Fix 271	110	2002	6	13	164	0.0008	3D Fix	62.7517	-155.4033	161	5	2	4	3	0.0250	32
Fix 272	110	2002	6	13	164	0.1271	2D Fix --	62.7514	-155.4034	161	4	4	0	1	0.0250	2
Fix 273	110	2002	6	13	164	0.2521	2D Fix --	62.7516	-155.4032	161	1	1	0	1	0.0400	2
Fix 274	110	2002	6	13	164	0.3756	3D Fix	62.7547	-155.4076	153	4	3	2	1	0.0700	2
Fix 275	110	2002	6	13	164	0.5008	2D Fix --	62.7608	-155.4022	153	9	9	1	5	0.0600	2
Fix 276	110	2002	6	13	164	0.6264	2D Fix --	62.7664	-155.3763	153	0	0	0	0	0.0650	2
Fix 277	110	2002	6	13	164	0.7504	3D Fix	62.7745	-155.3530	149	7	3	6	4	0.0150	2
Fix 278	110	2002	6	13	164	0.8754	3D Fix	62.7738	-155.3524	171	4	2	3	2	0.0250	2
Fix 279	110	2002	6	14	165	0.0007	3D Fix	62.7738	-155.3523	171	6	3	5	4	0.0100	2
Fix 280	110	2002	6	14	165	0.1256	3D Fix	62.7739	-155.3524	171	6	3	5	3	0.0000	2
Fix 283	110	2002	6	14	165	0.5004	3D Fix	62.7535	-155.3232	162	6	3	6	4	0.0050	2
Fix 284	110	2002	6	14	165	0.6261	3D Fix	62.7535	-155.3234	160	6	3	6	4	0.0550	2
Fix 285	110	2002	6	14	165	0.7517	3D Fix	62.7931	-155.3060	161	3	2	2	2	0.1600	2
Fix 286	110	2002	6	14	165	0.8762	2D Fix --	62.7825	-155.2883	161	2	2	1	1	0.0700	2
Fix 287	110	2002	6	15	166	0.0010	2D Fix --	62.7825	-155.2883	161	3	3	1	2	0.0350	2
Fix 288	110	2002	6	15	166	0.1254	3D Fix	62.7825	-155.2884	166	6	4	5	4	0.0050	2
Fix 289	110	2002	6	15	166	0.2504	3D Fix	62.7826	-155.2881	164	3	2	2	1	0.0800	2
Fix 290	110	2002	6	15	166	0.3758	2D Fix --	62.7450	-155.2776	161	4	4	0	1	0.2500	17
Fix 291	110	2002	6	15	166	0.5006	3D Fix	62.7433	-155.2039	161	5	3	4	2	0.0150	4
Fix 292	110	2002	6	15	166	0.6254	3D Fix	62.7457	-155.1942	159	4	2	3	2	0.3250	21
Fix 293	110	2002	6	15	166	0.7508	3D Fix	62.7687	-155.3080	161	7	4	5	6	0.1500	3

Fix 294	110	2002	6	15	166	0.8762	2D Fix --	62.7659	-155.3681	161	3	3	0	1	0.0400	5
Fix 295	110	2002	6	16	167	0.0008	3D Fix	62.7643	-155.3589	126	6	3	5	3	0.0450	5
Fix 297	110	2002	6	16	167	0.2504	3D Fix	62.7642	-155.3552	162	3	3	2	1	0.0250	2
Fix 299	110	2002	6	16	167	0.5006	3D Fix	62.7695	-155.3320	146	6	4	5	4	0.0050	2
Fix 300	110	2002	6	16	167	0.6257	3D Fix	62.7804	-155.3377	162	3	1	3	2	0.0150	5
Fix 301	110	2002	6	16	167	0.7510	2D Fix --	62.7796	-155.3408	162	3	3	0	1	0.0650	32
Fix 302	110	2002	6	16	167	0.8758	2D Fix --	62.7850	-155.3633	162	4	4	1	1	0.0650	2
Fix 303	110	2002	6	17	168	0.0004	3D Fix	62.7786	-155.3795	142	3	2	2	2	0.0350	5
Fix 304	110	2002	6	17	168	0.1258	2D Fix --	62.7786	-155.3795	142	3	3	1	2	0.0500	5
Fix 305	110	2002	6	17	168	0.2512	2D Fix --	62.7809	-155.3827	142	7	7	1	3	0.1400	5
Fix 306	110	2002	6	17	168	0.3770	2D Fix --	62.7741	-155.4020	141	2	2	0	1	0.5400	4
Fix 307	110	2002	6	17	168	0.5017	3D Fix	62.7702	-155.3908	127	6	4	4	4	0.1250	2
Fix 308	110	2002	6	17	168	0.6261	2D Fix --	62.7710	-155.4405	128	0	0	0	0	0.1800	4
Fix 309	110	2002	6	17	168	0.7512	3D Fix	62.7655	-155.4204	129	6	3	5	4	0.0200	32
Fix 310	110	2002	6	17	168	0.8757	2D Fix --	62.7653	-155.4203	129	0	0	0	0	0.1450	2
Fix 311	110	2002	6	18	169	0.0008	2D Fix --	62.7681	-155.4067	129	2	2	0	1	0.0900	2
Fix 312	110	2002	6	18	169	0.1256	3D Fix	62.7647	-155.3986	133	4	2	3	2	0.0050	2
Fix 314	110	2002	6	18	169	0.3758	2D Fix --	62.7660	-155.3984	134	2	2	0	1	0.1050	4
Fix 315	110	2002	6	18	169	0.5008	2D Fix --	62.7650	-155.3726	133	0	0	0	0	0.0050	5
Fix 317	110	2002	6	18	169	0.7504	3D Fix	62.7638	-155.3284	175	5	3	4	4	0.1300	2
Fix 318	110	2002	6	18	169	0.8755	3D Fix	62.7522	-155.3172	169	5	4	3	3	0.2450	2
Fix 320	110	2002	6	19	170	0.1261	3D Fix	62.7442	-155.2359	163	7	3	6	5	0.5250	61
Fix 321	110	2002	6	19	170	0.2521	2D Fix --	62.7755	-155.2748	163	3	3	1	2	0.3300	2
Fix 322	110	2002	6	19	170	0.3754	3D Fix	62.7740	-155.2957	168	4	2	4	2	0.1400	2
Fix 324	110	2002	6	19	170	0.6261	2D Fix --	62.7686	-155.3037	167	3	3	1	1	0.1900	2
Fix 325	110	2002	6	19	170	0.7508	2D Fix --	62.7617	-155.3019	167	2	2	0	1	0.0100	2
Fix 326	110	2002	6	19	170	0.8757	3D Fix	62.7623	-155.3017	169	4	3	3	3	0.4100	2
Fix 328	110	2002	6	20	171	0.1258	2D Fix --	62.7580	-155.3037	169	3	2	1	1	0.0250	2
Fix 329	110	2002	6	20	171	0.2504	3D Fix	62.7534	-155.3051	166	5	2	4	3	0.1700	4
Fix 330	110	2002	6	20	171	0.3760	2D Fix --	62.7418	-155.3066	165	3	3	1	2	0.1850	2
Fix 331	110	2002	6	20	171	0.5004	3D Fix	62.7366	-155.3163	179	4	2	3	2	0.0150	21
Fix 332	110	2002	6	20	171	0.6255	3D Fix	62.7376	-155.3331	176	3	1	2	1	0.1450	4
Fix 338	110	2002	6	21	172	0.3766	2D Fix --	62.7836	-155.3934	177	0	0	0	0	0.1400	2
Fix 339	110	2002	6	21	172	0.5004	3D Fix	62.7831	-155.3868	156	4	2	3	2	0.0400	3

Fix 340	110	2002	6	21	172	0.6260	3D Fix	62.7817	-155.3826	157	3	2	2	2	0.2950	3
Fix 341	110	2002	6	21	172	0.7505	3D Fix	62.7679	-155.3605	154	4	2	4	3	0.0550	2
Fix 342	110	2002	6	21	172	0.8764	2D Fix --	62.7601	-155.3305	153	8	8	1	5	0.0850	2
Fix 343	110	2002	6	22	173	0.0018	2D Fix --	62.7699	-155.3203	153	3	2	1	1	0.1250	3
Fix 344	110	2002	6	22	173	0.1261	2D Fix --	62.7699	-155.3206	153	4	4	0	3	0.0500	3
Fix 347	110	2002	6	22	173	0.5008	2D Fix --	62.7699	-155.4117	153	5	5	0	2	0.0200	2
Fix 348	110	2002	6	22	173	0.6258	2D Fix --	62.7700	-155.4108	153	2	2	0	1	0.1500	2
Fix 349	110	2002	6	22	173	0.7508	3D Fix	62.7805	-155.4515	149	5	3	4	3	0.0300	2
Fix 351	110	2002	6	23	174	0.0016	3D Fix	62.7807	-155.4519	147	3	2	3	2	0.0400	2
Fix 352	110	2002	6	23	174	0.1256	3D Fix	62.7812	-155.4537	146	5	3	4	3	0.0050	4
Fix 353	110	2002	6	23	174	0.2521	2D Fix --	62.7868	-155.4640	145	3	3	1	1	0.1100	4
Fix 354	110	2002	6	23	174	0.3760	2D Fix --	62.8330	-155.4968	145	9	9	1	2	0.3100	3
Fix 355	110	2002	6	23	174	0.5008	2D Fix --	62.8327	-155.4973	144	5	5	0	2	0.0150	2
Fix 356	110	2002	6	23	174	0.6258	2D Fix --	62.8329	-155.4968	144	3	3	1	2	0.0050	3
Fix 357	110	2002	6	23	174	0.7508	3D Fix	62.8330	-155.4968	144	3	1	3	2	0.0250	3
Fix 360	110	2002	6	24	175	0.1260	2D Fix --	62.8331	-155.4969	144	100	100	1	16	0.2400	2
Fix 361	110	2002	6	24	175	0.2513	2D Fix --	62.8330	-155.4968	144	4	4	1	1	0.0150	3
Fix 362	110	2002	6	24	175	0.3759	2D Fix --	62.8330	-155.4968	144	3	2	1	1	0.1600	3
Fix 363	110	2002	6	24	175	0.5014	2D Fix --	62.8699	-155.4593	146	3	3	1	1	0.1850	43
Fix 364	110	2002	6	24	175	0.6257	3D Fix	62.8651	-155.4198	143	4	2	3	2	0.0300	4
Fix 365	110	2002	6	24	175	0.7508	2D Fix --	62.8653	-155.4198	142	1	1	0	1	0.0300	4
Fix 366	110	2002	6	24	175	0.8754	3D Fix	62.8654	-155.4197	123	5	2	4	3	0.0200	3
Fix 368	110	2002	6	25	176	0.1254	3D Fix	62.8653	-155.4196	135	6	5	3	4	0.0050	4
Fix 370	110	2002	6	25	176	0.3763	2D Fix --	62.8651	-155.4196	134	6	6	1	5	0.1800	4
Fix 371	110	2002	6	25	176	0.5011	3D Fix	62.8656	-155.3843	133	4	2	4	3	0.1550	2
Fix 373	110	2002	6	25	176	0.7508	2D Fix --	62.8633	-155.3517	133	3	3	0	1	0.0250	2
Fix 376	110	2002	6	26	177	0.1254	3D Fix	62.8633	-155.3490	133	5	2	4	3	0.0050	4
Fix 378	110	2002	6	26	177	0.3754	3D Fix	62.8653	-155.4198	133	4	1	4	3	0.0450	4
Fix 379	110	2002	6	26	177	0.5012	2D Fix --	62.8653	-155.4197	134	21	21	1	5	0.0200	4
Fix 380	110	2002	6	26	177	0.6258	2D Fix --	62.8654	-155.4197	134	3	2	1	1	0.0900	3
Fix 381	110	2002	6	26	177	0.7508	2D Fix --	62.8101	-155.4534	133	2	2	0	1	0.3200	4
Fix 382	110	2002	6	26	177	0.8754	3D Fix	62.8080	-155.4793	139	4	2	4	2	0.0400	96
Fix 383	110	2002	6	27	178	0.0008	2D Fix --	62.8096	-155.4775	142	3	3	1	1	0.0450	3
Fix 384	110	2002	6	27	178	0.1258	2D Fix --	62.8095	-155.4774	142	2	2	0	1	0.0100	3

Fix 385	110	2002	6	27	178	0.2508	2D Fix --	62.8095	-155.4774	142	3	3	0	1	0.0700	3
Fix 386	110	2002	6	27	178	0.3764	2D Fix --	62.8104	-155.5588	142	2	2	0	1	0.3350	2
Fix 387	110	2002	6	27	178	0.5011	3D Fix	62.8389	-155.5488	142	3	2	2	2	0.1750	32
Fix 388	110	2002	6	27	178	0.6254	3D Fix	62.8574	-155.5676	113	3	1	2	2	0.0100	3
Fix 389	110	2002	6	27	178	0.7511	2D Fix --	62.8602	-155.5645	113	10	10	1	5	0.0150	4
Fix 392	110	2002	6	28	179	0.1257	3D Fix	62.8601	-155.5643	116	5	4	2	2	0.0050	4
Fix 393	110	2002	6	28	179	0.2514	3D Fix	62.8602	-155.5643	115	7	3	6	5	0.3400	4
Fix 394	110	2002	6	28	179	0.3757	3D Fix	62.8871	-155.4918	116	6	2	6	4	0.3500	2
Fix 395	110	2002	6	28	179	0.5020	2D Fix --	62.8940	-155.4959	117	4	4	1	2	0.4600	1
Fix 396	110	2002	6	28	179	0.6268	2D Fix --	62.8846	-155.5652	116	13	13	1	4	0.4850	2
Fix 397	110	2002	6	28	179	0.7507	2D Fix --	62.8934	-155.5619	117	0	0	0	0	0.0200	1
Fix 399	110	2002	6	29	180	0.0005	2D Fix --	62.8941	-155.5601	115	0	0	0	0	0.0250	2
Fix 402	110	2002	6	29	180	0.3754	3D Fix	62.8923	-155.5008	78	6	2	5	4	0.3350	17
Fix 404	110	2002	6	29	180	0.6265	2D Fix --	62.8719	-155.3661	81	3	3	0	2	0.0850	2
Fix 405	110	2002	6	29	180	0.7508	2D Fix --	62.8719	-155.3648	82	3	3	0	1	0.0200	2
Fix 407	110	2002	6	30	181	0.0011	2D Fix --	62.8718	-155.3649	82	3	3	1	1	0.0050	2
Fix 409	110	2002	6	30	181	0.2508	2D Fix --	62.8725	-155.3643	82	2	2	0	1	0.1250	5
Fix 410	110	2002	6	30	181	0.3758	3D Fix	62.8644	-155.3845	85	4	2	4	3	0.0800	4
Fix 411	110	2002	6	30	181	0.5004	3D Fix	62.8639	-155.3927	152	4	2	3	2	0.1000	70
Fix 413	110	2002	6	30	181	0.7504	3D Fix	62.8526	-155.3310	120	6	3	5	4	0.0050	5
Fix 414	110	2002	6	30	181	0.8758	2D Fix --	62.8523	-155.3308	127	5	5	1	2	0.0200	5
Fix 415	110	2002	7	1	182	0.0012	3D Fix	62.8484	-155.3192	132	4	3	3	2	0.0200	32
Fix 416	110	2002	7	1	182	0.1256	3D Fix	62.8485	-155.3178	167	4	2	3	3	0.0000	32
Fix 419	110	2002	7	1	182	0.5006	3D Fix	62.8210	-155.3201	166	5	4	3	4	0.1100	71
Fix 420	110	2002	7	1	182	0.6258	2D Fix --	62.8171	-155.3267	165	3	3	0	2	0.0200	5
Fix 421	110	2002	7	1	182	0.7515	3D Fix	62.8077	-155.3410	170	7	3	6	6	0.0950	2
Fix 422	110	2002	7	1	182	0.8761	3D Fix	62.7989	-155.3525	164	6	2	6	4	0.1000	3
Fix 423	110	2002	7	2	183	0.0007	2D Fix --	62.7830	-155.3924	164	19	19	1	5	0.0100	21
Fix 424	110	2002	7	2	183	0.1255	3D Fix	62.7831	-155.3929	161	4	2	4	3	0.0150	21
Fix 425	110	2002	7	2	183	0.2508	2D Fix --	62.7831	-155.3929	160	2	2	0	1	0.0950	21
Fix 426	110	2002	7	2	183	0.3758	3D Fix	62.7704	-155.4108	157	5	3	4	1	0.3000	2
Fix 427	110	2002	7	2	183	0.5004	3D Fix	62.7848	-155.4299	148	3	2	2	2	0.0650	4
Fix 428	110	2002	7	2	183	0.6265	3D Fix	62.8031	-155.4345	150	4	3	3	2	0.1450	2
Fix 429	110	2002	7	2	183	0.7510	2D Fix --	62.8048	-155.4225	150	0	0	0	0	0.0050	2

Fix 430	110	2002	7	2	183	0.8760	3D Fix	62.8065	-155.4225	152	3	2	2	1	0.0900	3
Fix 431	110	2002	7	3	184	0.0008	2D Fix --	62.8111	-155.3726	152	4	3	1	2	0.1900	2
Fix 432	110	2002	7	3	184	0.1262	3D Fix	62.8091	-155.3719	151	5	2	4	3	0.0100	3
Fix 433	110	2002	7	3	184	0.2504	3D Fix	62.8091	-155.3720	162	3	1	3	2	0.1750	3
Fix 435	110	2002	7	3	184	0.5004	3D Fix	62.8092	-155.3720	160	3	2	2	2	0.1200	3
Fix 438	110	2002	7	3	184	0.8760	2D Fix --	62.8092	-155.3720	159	0	0	0	0	0.1850	3
Fix 440	110	2002	7	4	185	0.1256	3D Fix	62.8091	-155.3718	158	5	3	4	3	0.1850	2
Fix 442	110	2002	7	4	185	0.3754	3D Fix	62.8092	-155.3720	163	4	2	3	3	0.1600	3
Fix 443	110	2002	7	4	185	0.5008	2D Fix --	62.8094	-155.3720	162	2	2	1	1	0.0400	2
Fix 444	110	2002	7	4	185	0.6265	2D Fix --	62.8092	-155.3721	162	11	11	0	4	0.0500	3
Fix 445	110	2002	7	4	185	0.7511	3D Fix	62.8095	-155.3713	162	7	3	6	5	0.1750	5
Fix 446	110	2002	7	4	185	0.8755	3D Fix	62.8095	-155.3718	162	3	1	2	2	0.0150	5
Fix 448	110	2002	7	5	186	0.1263	2D Fix --	62.8094	-155.3715	162	5	5	1	3	0.4100	5
Fix 449	110	2002	7	5	186	0.2520	2D Fix --	62.8108	-155.3719	162	0	0	0	0	0.1300	2
Fix 450	110	2002	7	5	186	0.3766	2D Fix --	62.8110	-155.3625	162	0	0	0	0	0.1000	5
Fix 452	110	2002	7	5	186	0.6254	3D Fix	62.8120	-155.3522	162	3	1	3	2	0.0100	32
Fix 453	110	2002	7	5	186	0.7504	3D Fix	62.8127	-155.3517	170	4	3	3	3	0.0750	5
Fix 455	110	2002	7	6	187	0.0018	2D Fix --	62.8122	-155.3470	168	10	10	1	3	0.0050	3
Fix 457	110	2002	7	6	187	0.2508	2D Fix --	62.8063	-155.3483	168	2	2	0	1	0.1700	2
Fix 458	110	2002	7	6	187	0.3761	2D Fix --	62.8180	-155.3175	167	2	2	0	1	0.1250	71
Fix 459	110	2002	7	6	187	0.5013	2D Fix --	62.8485	-155.2540	168	9	9	1	2	0.3450	2
Fix 461	110	2002	7	6	187	0.7504	3D Fix	62.8704	-155.2210	148	5	2	4	3	0.0050	4
Fix 463	110	2002	7	7	188	0.0007	2D Fix --	62.8704	-155.2209	148	0	0	0	0	0.0350	4
Fix 464	110	2002	7	7	188	0.1257	3D Fix	62.8730	-155.2976	149	4	2	4	3	0.4850	2
Fix 465	110	2002	7	7	188	0.2511	2D Fix --	62.8647	-155.3859	148	3	3	0	1	0.0650	2
Fix 466	110	2002	7	7	188	0.3757	3D Fix	62.8638	-155.3890	148	6	6	2	1	0.0250	96
Fix 468	110	2002	7	7	188	0.6258	2D Fix --	62.8649	-155.4014	148	7	7	1	3	0.0050	2
Fix 469	110	2002	7	7	188	0.7511	2D Fix --	62.8649	-155.4023	149	3	3	1	1	0.0450	2
Fix 470	110	2002	7	7	188	0.8755	3D Fix	62.8648	-155.4053	146	5	3	4	4	0.0450	96
Fix 471	110	2002	7	8	189	0.0006	3D Fix	62.8649	-155.4050	144	4	2	3	2	0.0150	5
Fix 473	110	2002	7	8	189	0.2521	2D Fix --	62.8687	-155.4505	144	0	0	0	0	0.3250	96
Fix 474	110	2002	7	8	189	0.3760	2D Fix --	62.8864	-155.4964	144	0	0	0	0	0.1750	61
Fix 475	110	2002	7	8	189	0.5008	2D Fix --	62.8877	-155.4997	144	2	2	0	1	0.0150	61
Fix 476	110	2002	7	8	189	0.6268	2D Fix --	62.8910	-155.4959	144	0	0	0	0	0.2150	2

Fix 477	110	2002	7	8	189	0.7514	3D Fix	62.9083	-155.4793	146	5	4	3	3	0.4700	3
Fix 478	110	2002	7	8	189	0.8758	2D Fix --	62.8971	-155.4922	146	7	7	1	1	0.0150	70
Fix 479	110	2002	7	9	190	0.0008	2D Fix --	62.8970	-155.4923	146	1	1	0	0	0.0100	70
Fix 480	110	2002	7	9	190	0.1256	3D Fix	62.8968	-155.4924	143	6	2	5	3	0.0250	70
Fix 481	110	2002	7	9	190	0.2505	3D Fix	62.8964	-155.5000	138	5	3	4	4	0.3250	16
Fix 482	110	2002	7	9	190	0.3756	3D Fix	62.8969	-155.4986	136	2	1	2	1	0.0050	13
Fix 483	110	2002	7	9	190	0.5004	3D Fix	62.8969	-155.4986	114	7	5	4	5	0.0100	13
Fix 484	110	2002	7	9	190	0.6257	3D Fix	62.8990	-155.4981	116	7	2	6	5	0.3100	16
Fix 485	110	2002	7	9	190	0.7504	3D Fix	62.8968	-155.4974	113	4	4	2	2	0.3550	21
Fix 486	110	2002	7	9	190	0.8763	3D Fix	62.8858	-155.5238	110	4	2	3	2	0.4700	32
Fix 487	110	2002	7	10	191	0.0006	3D Fix	62.8836	-155.5497	95	3	2	2	1	0.2150	4
Fix 489	110	2002	7	10	191	0.2504	3D Fix	62.8839	-155.5586	96	7	3	6	5	0.1800	3
Fix 491	110	2002	7	10	191	0.5008	2D Fix --	62.8579	-155.5741	96	2	2	0	1	0.0300	3
Fix 492	110	2002	7	10	191	0.6260	2D Fix --	62.8577	-155.5669	96	2	2	0	1	0.3800	2
Fix 493	110	2002	7	10	191	0.7517	2D Fix --	62.8439	-155.5129	95	0	0	0	0	0.3500	5
Fix 497	110	2002	7	11	192	0.2504	3D Fix	62.8115	-155.3546	129	6	3	5	4	0.2050	32
Fix 498	110	2002	7	11	192	0.3763	2D Fix --	62.8173	-155.3268	134	0	0	0	0	0.0200	5
Fix 499	110	2002	7	11	192	0.5011	2D Fix --	62.8166	-155.3256	132	0	0	0	0	0.1850	2
Fix 500	110	2002	7	11	192	0.6260	2D Fix --	62.8147	-155.3222	132	2	2	0	1	0.2900	2
Fix 501	110	2002	7	11	192	0.7508	3D Fix	62.8035	-155.3173	134	7	5	5	4	0.2250	5
Fix 503	110	2002	7	12	193	0.0008	2D Fix --	62.7970	-155.2811	135	2	2	0	1	0.0850	3
Fix 504	110	2002	7	12	193	0.1258	2D Fix --	62.7969	-155.2818	135	4	4	0	3	0.0050	3
Fix 505	110	2002	7	12	193	0.2511	2D Fix --	62.7937	-155.2819	135	4	4	0	1	0.4750	4
Fix 507	110	2002	7	12	193	0.5006	3D Fix	62.7691	-155.2719	135	7	2	6	4	0.2050	2
Fix 508	110	2002	7	12	193	0.6260	2D Fix --	62.7743	-155.2465	135	2	2	0	1	0.4600	2
Fix 509	110	2002	7	12	193	0.7514	3D Fix	62.7814	-155.2593	140	6	3	5	4	0.4800	3
Fix 510	110	2002	7	12	193	0.8755	3D Fix	62.7891	-155.2755	143	6	5	4	4	0.3750	32
Fix 511	110	2002	7	13	194	0.0016	2D Fix --	62.7941	-155.2805	143	2	2	1	1	0.3300	21
Fix 513	110	2002	7	13	194	0.2513	2D Fix --	62.8043	-155.2895	143	7	7	0	2	0.3550	2
Fix 514	110	2002	7	13	194	0.3771	2D Fix --	62.8195	-155.3013	144	0	0	0	0	0.0900	2
Fix 515	110	2002	7	13	194	0.5010	2D Fix --	62.8203	-155.3006	143	3	3	1	1	0.0150	2
Fix 516	110	2002	7	13	194	0.6258	2D Fix --	62.8183	-155.3187	143	2	2	0	1	0.2200	80
Fix 520	110	2002	7	14	195	0.1264	2D Fix --	62.8134	-155.3519	143	2	2	0	1	0.1950	32
Fix 521	110	2002	7	14	195	0.2520	2D Fix --	62.7997	-155.3376	139	0	0	0	0	0.3850	2

Fix 523	110	2002	7	14	195	0.5018	2D Fix --	62.7965	-155.3046	143	2	2	1	1	0.2300	5
Fix 524	110	2002	7	14	195	0.6262	2D Fix --	62.7991	-155.2996	143	18	18	0	8	0.2400	1
Fix 525	110	2002	7	14	195	0.7504	3D Fix	62.8012	-155.2795	165	6	3	5	4	0.0300	2
Fix 527	110	2002	7	15	196	0.0014	2D Fix --	62.8033	-155.2779	166	3	3	1	1	0.2400	2
Fix 528	110	2002	7	15	196	0.1270	2D Fix --	62.8033	-155.2809	166	3	3	1	1	0.2950	2
Fix 529	110	2002	7	15	196	0.2512	3D Fix	62.8038	-155.2944	165	4	2	3	3	0.3550	2
Fix 530	110	2002	7	15	196	0.3764	2D Fix --	62.8017	-155.3000	165	0	0	0	0	0.0550	2
Fix 531	110	2002	7	15	196	0.5004	3D Fix	62.8017	-155.3001	167	4	2	4	3	0.0900	2
Fix 532	110	2002	7	15	196	0.6267	2D Fix --	62.7884	-155.3095	166	0	0	0	0	0.3400	3
Fix 533	110	2002	7	15	196	0.7512	3D Fix	62.7846	-155.3210	167	7	4	6	4	0.3800	2
Fix 534	110	2002	7	15	196	0.8757	2D Fix --	62.7869	-155.3169	167	0	0	0	0	0.0100	2
Fix 537	110	2002	7	16	197	0.2515	2D Fix --	62.7934	-155.3083	167	11	11	1	2	0.4350	2
Fix 538	110	2002	7	16	197	0.3768	2D Fix --	62.7975	-155.2809	167	0	0	0	0	0.3350	2
Fix 539	110	2002	7	16	197	0.5008	2D Fix --	62.7929	-155.2498	167	0	0	0	0	0.3050	2
Fix 540	110	2002	7	16	197	0.6269	2D Fix --	62.7938	-155.2476	167	2	2	0	1	0.6050	2
Fix 541	110	2002	7	16	197	0.7504	3D Fix	62.8011	-155.2257	165	6	3	5	4	0.7000	70
Fix 542	110	2002	7	16	197	0.8767	2D Fix --	62.7754	-155.1459	162	9	9	1	2	0.5650	4
Fix 543	110	2002	7	17	198	0.0008	2D Fix --	62.7533	-155.1168	163	8	8	1	3	0.6000	2
Fix 544	110	2002	7	17	198	0.1258	2D Fix --	62.7575	-155.1690	164	4	4	0	1	0.0100	4
Fix 545	110	2002	7	17	198	0.2510	2D Fix --	62.7591	-155.1873	164	7	7	0	1	0.7300	2
Fix 546	110	2002	7	17	198	0.3770	2D Fix --	62.7482	-155.2040	163	5	5	1	1	0.6800	4
Fix 547	110	2002	7	17	198	0.5011	3D Fix	62.7295	-155.2160	163	5	3	5	3	0.6950	4
Fix 548	110	2002	7	17	198	0.6260	2D Fix --	62.7355	-155.2192	163	2	2	0	1	0.5800	32
Fix 551	110	2002	7	18	199	0.0008	2D Fix --	62.7382	-155.2120	162	4	4	1	2	0.4700	2
Fix 552	110	2002	7	18	199	0.1258	2D Fix --	62.7464	-155.2047	162	8	7	1	3	0.0150	2
Fix 553	110	2002	7	18	199	0.2513	2D Fix --	62.7468	-155.2026	162	9	9	0	2	0.5650	2
Fix 554	110	2002	7	18	199	0.3760	2D Fix --	62.7463	-155.2122	162	5	5	1	1	0.4150	4
Fix 555	110	2002	7	18	199	0.5010	3D Fix	62.7486	-155.2125	163	6	3	6	5	0.5400	2
Fix 556	110	2002	7	18	199	0.6254	3D Fix	62.7684	-155.2653	163	7	3	6	4	0.5800	32
Fix 557	110	2002	7	18	199	0.7504	3D Fix	62.7821	-155.2720	143	5	3	3	3	0.5400	2
Fix 560	110	2002	7	19	200	0.1254	3D Fix	62.7973	-155.2829	166	6	3	4	4	0.0250	2
Fix 561	110	2002	7	19	200	0.2511	2D Fix --	62.7993	-155.2808	167	10	10	0	2	0.5200	2
Fix 562	110	2002	7	19	200	0.3770	2D Fix --	62.7996	-155.2889	167	4	4	1	1	0.3650	2
Fix 563	110	2002	7	19	200	0.5012	3D Fix	62.7940	-155.2877	160	5	2	4	3	0.3900	2

Fix 565	110	2002	7	19	200	0.7510	3D Fix	62.7993	-155.2766	160	5	3	4	3	0.5400	2
Fix 568	110	2002	7	20	201	0.1254	3D Fix	62.8050	-155.2924	161	4	2	3	2	0.0150	32
Fix 569	110	2002	7	20	201	0.2511	2D Fix --	62.7988	-155.2880	160	10	10	0	2	0.5700	2
Fix 571	110	2002	7	20	201	0.5010	2D Fix --	62.7954	-155.2791	160	11	11	1	5	0.4650	2
Fix 572	110	2002	7	20	201	0.6266	3D Fix	62.7909	-155.2976	160	6	5	4	2	0.5800	3
Fix 573	110	2002	7	20	201	0.7521	2D Fix --	62.8023	-155.2939	160	2	2	1	1	0.4600	2
Fix 574	110	2002	7	20	201	0.8767	3D Fix	62.8026	-155.2777	159	5	2	4	3	0.4150	2
Fix 575	110	2002	7	21	202	0.0006	3D Fix	62.8016	-155.2746	148	4	2	4	3	0.2100	2
Fix 576	110	2002	7	21	202	0.1269	3D Fix	62.8015	-155.2745	149	5	2	4	3	0.2000	2
Fix 577	110	2002	7	21	202	0.2518	2D Fix --	62.7995	-155.2894	149	4	4	1	2	0.5300	2
Fix 578	110	2002	7	21	202	0.3756	2D Fix --	62.7999	-155.3081	149	0	0	0	0	0.4350	2
Fix 579	110	2002	7	21	202	0.5004	3D Fix	62.8088	-155.3248	167	6	4	5	3	0.2950	2
Fix 580	110	2002	7	21	202	0.6259	3D Fix	62.8161	-155.3238	167	6	4	4	3	0.5550	2
Fix 581	110	2002	7	21	202	0.7521	2D Fix --	62.8192	-155.3171	167	0	0	0	0	0.5150	70
Fix 582	110	2002	7	21	202	0.8767	2D Fix --	62.8196	-155.3089	167	0	0	0	0	0.4400	2
Fix 583	110	2002	7	22	203	0.0009	3D Fix	62.8187	-155.3239	166	4	2	3	2	0.0650	3
Fix 584	110	2002	7	22	203	0.1263	3D Fix	62.8186	-155.3240	166	6	3	5	4	0.0800	3
Fix 585	110	2002	7	22	203	0.2518	2D Fix --	62.8149	-155.3206	165	11	11	0	3	0.6900	3
Fix 586	110	2002	7	22	203	0.3771	2D Fix --	62.8001	-155.2930	165	3	3	1	1	0.3350	2
Fix 587	110	2002	7	22	203	0.5021	2D Fix --	62.7955	-155.2831	165	4	4	1	2	0.4550	4
Fix 588	110	2002	7	22	203	0.6261	2D Fix --	62.7966	-155.3015	166	6	6	1	2	0.5800	2
Fix 589	110	2002	7	22	203	0.7510	2D Fix --	62.7869	-155.3150	166	3	3	1	2	0.4850	2
Fix 591	110	2002	7	23	204	0.0008	2D Fix --	62.7856	-155.3091	166	5	5	1	2	0.4550	32
Fix 592	110	2002	7	23	204	0.1257	3D Fix	62.7948	-155.3142	166	6	3	5	4	0.2600	32
Fix 593	110	2002	7	23	204	0.2519	2D Fix --	62.7988	-155.3036	167	0	0	0	0	0.4950	32
Fix 594	110	2002	7	23	204	0.3763	2D Fix --	62.8018	-155.2962	166	0	0	0	0	0.1450	3
Fix 595	110	2002	7	23	204	0.5008	2D Fix --	62.8015	-155.2965	166	6	6	1	2	0.2600	2
Fix 596	110	2002	7	23	204	0.6259	3D Fix	62.8039	-155.2865	166	7	5	5	3	0.6050	4
Fix 597	110	2002	7	23	204	0.7510	2D Fix --	62.8000	-155.2855	166	2	2	0	1	0.4800	2
Fix 598	110	2002	7	23	204	0.8763	2D Fix --	62.8008	-155.2948	166	2	2	0	1	0.3600	2
Fix 599	110	2002	7	24	205	0.0009	2D Fix --	62.8112	-155.2869	166	5	4	1	2	0.4400	32
Fix 601	110	2002	7	24	205	0.2511	2D Fix --	62.8170	-155.2702	166	8	8	1	2	0.6300	10
Fix 604	110	2002	7	24	205	0.6260	2D Fix --	62.8192	-155.2392	166	3	3	0	1	0.3400	1
Fix 606	110	2002	7	24	205	0.8760	2D Fix --	62.8131	-155.2432	166	6	6	1	3	0.0100	2

Fix 103	112	2002	5	27	147	0.3771	2D Fix --	62.9214	-155.6371	135	2	2	0	1	0.0200	2
Fix 105	112	2002	5	27	147	0.6261	2D Fix --	62.9307	-155.6312	135	5	5	1	2	0.1350	5
Fix 106	112	2002	5	27	147	0.7515	2D Fix --	62.9287	-155.6123	134	9	9	0	5	0.0300	10
Fix 107	112	2002	5	27	147	0.8761	3D Fix	62.9288	-155.6118	169	7	5	5	5	0.0750	10
Fix 109	112	2002	5	28	148	0.1258	2D Fix --	62.9298	-155.6104	167	10	10	1	1	0.0350	10
Fix 110	112	2002	5	28	148	0.2508	2D Fix --	62.9302	-155.6029	167	4	4	1	2	0.0400	10
Fix 113	112	2002	5	28	148	0.6271	2D Fix --	62.9313	-155.6001	167	0	0	0	0	0.0750	10
Fix 114	112	2002	5	28	148	0.7505	2D Fix --	62.9307	-155.6014	167	0	0	0	0	0.0950	10
Fix 117	112	2002	5	29	149	0.1258	2D Fix --	62.9289	-155.6118	167	2	2	0	1	0.0150	10
Fix 121	112	2002	5	29	149	0.6268	2D Fix --	62.9300	-155.6100	167	0	0	0	0	0.2200	10
Fix 123	112	2002	5	29	149	0.8758	2D Fix --	62.9298	-155.6163	167	3	3	1	1	0.0650	17
Fix 127	112	2002	5	30	150	0.3758	2D Fix --	62.9361	-155.6029	167	4	4	1	1	0.0250	2
Fix 131	112	2002	5	30	150	0.8770	2D Fix --	62.9313	-155.5989	167	0	0	0	0	0.0700	10
Fix 133	112	2002	5	31	151	0.1260	2D Fix --	62.9307	-155.5998	167	3	3	1	1	0.0450	10
Fix 134	112	2002	5	31	151	0.2514	2D Fix --	62.9308	-155.5999	167	0	0	0	0	0.0450	10
Fix 135	112	2002	5	31	151	0.3767	2D Fix --	62.9308	-155.6032	167	0	0	0	0	0.0450	10
Fix 139	112	2002	5	31	151	0.8758	2D Fix --	62.9289	-155.6101	167	2	2	0	1	0.0150	71
Fix 141	112	2002	6	1	152	0.1260	2D Fix --	62.9293	-155.6119	167	7	7	1	2	0.0300	10
Fix 142	112	2002	6	1	152	0.2517	2D Fix --	62.9306	-155.6132	167	0	0	0	0	0.2050	10
Fix 146	112	2002	6	1	152	0.7510	2D Fix --	62.9331	-155.6251	167	2	2	0	1	0.2350	5
Fix 147	112	2002	6	1	152	0.8771	2D Fix --	62.9107	-155.6570	167	10	10	1	3	0.1700	10
Fix 149	112	2002	6	2	153	0.1268	2D Fix --	62.8993	-155.6607	166	0	0	0	0	0.0750	17
Fix 151	112	2002	6	2	153	0.3765	2D Fix --	62.8876	-155.6658	167	7	7	1	1	0.0700	13
Fix 153	112	2002	6	2	153	0.6260	2D Fix --	62.8897	-155.6636	167	0	0	0	0	0.0150	10
Fix 154	112	2002	6	2	153	0.7513	2D Fix --	62.8844	-155.6728	167	0	0	0	0	0.1000	17
Fix 155	112	2002	6	2	153	0.8765	3D Fix	62.8867	-155.6829	174	6	3	6	4	0.0200	10
Fix 157	112	2002	6	3	154	0.1254	3D Fix	62.8926	-155.6674	478	7	3	6	5	0.1600	2
Fix 159	112	2002	6	3	154	0.3758	2D Fix --	62.9101	-155.6408	479	4	4	1	2	0.0300	10
Fix 161	112	2002	6	3	154	0.6261	2D Fix --	62.9119	-155.6469	479	2	2	0	1	0.0100	2
Fix 165	112	2002	6	4	155	0.1258	2D Fix --	62.9055	-155.6530	479	4	4	1	1	0.0850	17
Fix 166	112	2002	6	4	155	0.2521	2D Fix --	62.9167	-155.6705	482	8	8	1	1	0.2150	2
Fix 169	112	2002	6	4	155	0.6256	3D Fix	62.8926	-155.6665	478	6	3	6	5	0.0400	3
Fix 170	112	2002	6	4	155	0.7510	3D Fix	62.8914	-155.6637	475	6	3	6	4	0.0800	10
Fix 172	112	2002	6	5	156	0.0015	2D Fix --	62.9220	-155.5990	475	5	5	1	1	0.2750	71

Fix 173	112	2002	6	5	156	0.1263	2D Fix --	62.9156	-155.6263	474	4	4	1	2	0.0250	10
Fix 174	112	2002	6	5	156	0.2507	2D Fix --	62.9116	-155.6393	474	0	0	0	0	0.0650	2
Fix 176	112	2002	6	5	156	0.5012	2D Fix --	62.9156	-155.6476	474	0	0	0	0	0.0150	17
Fix 177	112	2002	6	5	156	0.6261	3D Fix	62.9174	-155.6536	440	7	3	6	5	0.0150	3
Fix 178	112	2002	6	5	156	0.7508	2D Fix --	62.9190	-155.6516	440	4	4	0	1	0.0450	4
Fix 180	112	2002	6	6	157	0.0018	2D Fix --	62.8941	-155.7180	406	2	2	0	1	0.1250	17
Fix 182	112	2002	6	6	157	0.2510	2D Fix --	62.8921	-155.6744	407	3	3	1	1	0.0400	17
Fix 186	112	2002	6	6	157	0.7510	2D Fix --	62.8926	-155.6526	407	11	11	1	4	0.0950	24
Fix 189	112	2002	6	7	158	0.1264	3D Fix	62.8999	-155.6539	381	7	5	5	5	0.0950	17
Fix 191	112	2002	6	7	158	0.3760	2D Fix --	62.8906	-155.6611	370	3	2	1	1	0.0200	10
Fix 197	112	2002	6	8	159	0.1267	2D Fix --	62.8861	-155.6147	370	7	7	1	3	0.0850	20
Fix 198	112	2002	6	8	159	0.2521	2D Fix --	62.8848	-155.6391	370	3	3	1	1	0.2000	17
Fix 199	112	2002	6	8	159	0.3765	3D Fix	62.8910	-155.6607	467	4	2	3	2	0.0400	10
Fix 201	112	2002	6	8	159	0.6260	3D Fix	62.8922	-155.6671	468	4	2	4	3	0.0950	17
Fix 202	112	2002	6	8	159	0.7506	2D Fix --	62.8985	-155.6695	470	0	0	0	0	0.0150	10
Fix 203	112	2002	6	8	159	0.8770	3D Fix	62.8999	-155.6566	455	4	2	4	3	0.0750	10
Fix 204	112	2002	6	9	160	0.0017	2D Fix --	62.9001	-155.6596	444	0	0	0	0	0.1000	17
Fix 207	112	2002	6	9	160	0.3760	2D Fix --	62.8952	-155.6848	444	11	11	1	2	0.2000	2
Fix 209	112	2002	6	9	160	0.6267	2D Fix --	62.8931	-155.7089	444	4	4	1	2	0.1200	4
Fix 213	112	2002	6	10	161	0.1258	2D Fix --	62.9011	-155.6847	446	0	0	0	0	0.0900	2
Fix 218	112	2002	6	10	161	0.7504	3D Fix	62.9231	-155.6639	131	5	4	3	3	0.0200	2
Fix 219	112	2002	6	10	161	0.8767	2D Fix --	62.9257	-155.6612	131	3	3	1	1	0.0450	4
Fix 221	112	2002	6	11	162	0.1267	2D Fix --	62.9259	-155.6593	131	5	4	1	2	0.0700	4
Fix 224	112	2002	6	11	162	0.5008	2D Fix --	62.9019	-155.6286	131	3	3	1	1	0.0900	17
Fix 225	112	2002	6	11	162	0.6258	2D Fix --	62.8882	-155.6557	130	9	9	0	3	0.0200	10
Fix 226	112	2002	6	11	162	0.7510	3D Fix	62.8966	-155.6224	138	4	2	3	2	0.0300	17
Fix 228	112	2002	6	12	163	0.0016	2D Fix --	62.9049	-155.6040	148	0	0	0	0	0.1550	2
Fix 229	112	2002	6	12	163	0.1258	3D Fix	62.9014	-155.6016	150	7	4	6	3	0.0400	17
Fix 231	112	2002	6	12	163	0.3760	3D Fix	62.9138	-155.6012	104	4	3	3	2	0.1350	2
Fix 232	112	2002	6	12	163	0.5017	3D Fix	62.9088	-155.6233	106	7	2	6	4	0.0500	17
Fix 234	112	2002	6	12	163	0.7517	3D Fix	62.9089	-155.6279	107	7	7	2	2	0.1050	3
Fix 235	112	2002	6	12	163	0.8771	2D Fix --	62.9033	-155.6313	107	3	3	1	1	0.0200	10
Fix 237	112	2002	6	13	164	0.1258	3D Fix	62.8900	-155.6565	129	3	2	2	2	0.0850	10
Fix 238	112	2002	6	13	164	0.2515	2D Fix --	62.8899	-155.6728	147	5	5	1	2	0.1050	10

Fix 239	112	2002	6	13	164	0.3758	2D Fix --	62.9110	-155.7158	148	16	16	1	3	0.0350	4
Fix 242	112	2002	6	13	164	0.7508	2D Fix --	62.9260	-155.6587	147	3	3	0	1	0.0200	4
Fix 243	112	2002	6	13	164	0.8754	3D Fix	62.9250	-155.6595	116	5	2	4	3	0.2150	3
Fix 245	112	2002	6	14	165	0.1269	2D Fix --	62.9183	-155.6550	117	4	3	1	1	0.0350	3
Fix 246	112	2002	6	14	165	0.2508	2D Fix --	62.9161	-155.6463	117	6	6	1	2	0.1200	2
Fix 247	112	2002	6	14	165	0.3760	2D Fix --	62.9257	-155.6610	118	19	19	1	4	0.0450	4
Fix 248	112	2002	6	14	165	0.5008	2D Fix --	62.9259	-155.6611	117	1	1	0	1	0.0200	3
Fix 256	112	2002	6	15	166	0.5008	2D Fix --	62.9375	-155.6433	117	8	8	1	4	0.0100	2
Fix 257	112	2002	6	15	166	0.6265	3D Fix	62.9414	-155.6607	116	5	2	4	3	0.0600	32
Fix 258	112	2002	6	15	166	0.7508	2D Fix --	62.9215	-155.6639	116	3	3	0	1	0.1150	4
Fix 263	112	2002	6	16	167	0.3771	2D Fix --	62.9098	-155.6656	116	2	2	0	1	0.0600	17
Fix 264	112	2002	6	16	167	0.5004	3D Fix	62.9121	-155.6579	144	5	3	4	3	0.0150	21
Fix 265	112	2002	6	16	167	0.6262	3D Fix	62.9199	-155.6533	141	5	4	4	2	0.0700	21
Fix 266	112	2002	6	16	167	0.7508	2D Fix --	62.9204	-155.6519	139	27	27	1	7	0.1350	3
Fix 267	112	2002	6	16	167	0.8761	2D Fix --	62.9179	-155.6554	139	3	3	1	1	0.0450	3
Fix 269	112	2002	6	17	168	0.1263	2D Fix --	62.9179	-155.6556	139	2	2	0	1	0.0500	3
Fix 270	112	2002	6	17	168	0.2510	2D Fix --	62.9179	-155.6554	139	4	4	1	2	0.0700	3
Fix 271	112	2002	6	17	168	0.3764	3D Fix	62.9195	-155.6578	137	4	2	4	2	0.1100	2
Fix 272	112	2002	6	17	168	0.5015	2D Fix --	62.9206	-155.6527	136	3	3	1	1	0.0350	3
Fix 273	112	2002	6	17	168	0.6266	2D Fix --	62.9225	-155.6561	136	0	0	0	0	0.0800	4
Fix 274	112	2002	6	17	168	0.7504	3D Fix	62.9225	-155.6653	133	5	3	4	3	0.0350	4
Fix 280	112	2002	6	18	169	0.5011	3D Fix	62.9352	-155.6911	134	6	5	4	4	0.0500	3
Fix 281	112	2002	6	18	169	0.6265	2D Fix --	62.9274	-155.7069	134	7	7	1	3	0.0500	2
Fix 282	112	2002	6	18	169	0.7515	2D Fix --	62.9208	-155.7159	134	3	3	1	1	0.0250	5
Fix 284	112	2002	6	19	170	0.0008	3D Fix	62.9206	-155.7159	135	5	2	4	3	0.0750	5
Fix 285	112	2002	6	19	170	0.1261	2D Fix --	62.9206	-155.7159	135	3	3	1	1	0.0150	5
Fix 286	112	2002	6	19	170	0.2521	2D Fix --	62.9203	-155.7157	135	4	4	1	2	0.1550	5
Fix 287	112	2002	6	19	170	0.3758	2D Fix --	62.9217	-155.7107	135	11	11	1	9	0.0400	5
Fix 289	112	2002	6	19	170	0.6254	3D Fix	62.9113	-155.7339	145	4	2	3	2	0.0850	4
Fix 290	112	2002	6	19	170	0.7504	3D Fix	62.9110	-155.7323	145	4	2	3	3	0.1900	5
Fix 291	112	2002	6	19	170	0.8756	3D Fix	62.8994	-155.7146	146	4	2	4	3	0.0650	2
Fix 293	112	2002	6	20	171	0.1257	3D Fix	62.8988	-155.7139	149	4	2	3	2	0.0100	2
Fix 294	112	2002	6	20	171	0.2508	2D Fix --	62.8935	-155.7121	151	3	3	1	1	0.0600	17
Fix 296	112	2002	6	20	171	0.5011	2D Fix --	62.8849	-155.6803	151	4	3	1	1	0.1250	17

Fix 297	112	2002	6	20	171	0.6259	2D Fix --	62.8904	-155.6598	152	2	2	1	1	0.0100	10
Fix 298	112	2002	6	20	171	0.7507	3D Fix	62.8973	-155.6505	252	4	2	4	3	0.0150	16
Fix 302	112	2002	6	21	172	0.2521	2D Fix --	62.9040	-155.6539	253	0	0	0	0	0.0100	17
Fix 303	112	2002	6	21	172	0.3758	2D Fix --	62.9083	-155.6542	253	1	1	0	1	0.0500	17
Fix 305	112	2002	6	21	172	0.6267	2D Fix --	62.9130	-155.6335	253	0	0	0	0	0.0900	4
Fix 307	112	2002	6	21	172	0.8757	3D Fix	62.8932	-155.6677	269	6	2	5	4	0.0500	2
Fix 309	112	2002	6	22	173	0.1270	2D Fix --	62.8975	-155.6808	280	2	2	0	1	0.0800	2
Fix 311	112	2002	6	22	173	0.3764	2D Fix --	62.9043	-155.7468	280	0	0	0	0	0.0700	13
Fix 312	112	2002	6	22	173	0.5008	2D Fix --	62.9002	-155.7554	279	7	7	1	2	0.0100	4
Fix 314	112	2002	6	22	173	0.7508	2D Fix --	62.8897	-155.7506	279	0	0	0	0	0.0700	2
Fix 315	112	2002	6	22	173	0.8756	3D Fix	62.8907	-155.7549	273	6	4	4	3	0.0450	21
Fix 316	112	2002	6	23	174	0.0010	3D Fix	62.8880	-155.7493	262	6	4	5	5	0.0750	4
Fix 318	112	2002	6	23	174	0.2505	3D Fix	62.8887	-155.7489	249	4	3	3	3	0.0850	13
Fix 319	112	2002	6	23	174	0.3760	3D Fix	62.9022	-155.7356	243	6	2	6	3	0.0300	17
Fix 320	112	2002	6	23	174	0.5008	2D Fix --	62.9075	-155.7358	240	4	4	1	1	0.0050	5
Fix 321	112	2002	6	23	174	0.6260	2D Fix --	62.9115	-155.7156	240	3	3	1	2	0.0700	5
Fix 322	112	2002	6	23	174	0.7521	2D Fix --	62.9152	-155.7058	241	3	3	0	1	0.0600	5
Fix 323	112	2002	6	23	174	0.8768	2D Fix --	62.9112	-155.6874	240	3	3	1	1	0.0100	4
Fix 325	112	2002	6	24	175	0.1267	2D Fix --	62.9164	-155.6826	240	5	5	0	1	0.1100	2
Fix 326	112	2002	6	24	175	0.2504	3D Fix	62.9210	-155.6670	106	6	3	5	4	0.0400	3
Fix 327	112	2002	6	24	175	0.3763	3D Fix	62.9270	-155.6669	110	6	3	5	3	0.0400	4
Fix 328	112	2002	6	24	175	0.5008	2D Fix --	62.9262	-155.6768	110	5	5	1	2	0.0350	5
Fix 329	112	2002	6	24	175	0.6269	2D Fix --	62.9328	-155.6760	111	0	0	0	0	0.0400	5
Fix 330	112	2002	6	24	175	0.7504	3D Fix	62.9397	-155.6790	115	3	1	3	2	0.0550	4
Fix 331	112	2002	6	24	175	0.8755	3D Fix	62.9249	-155.6595	114	5	2	4	3	0.0100	3
Fix 332	112	2002	6	25	176	0.0008	3D Fix	62.9249	-155.6595	114	3	2	3	2	0.0050	3
Fix 333	112	2002	6	25	176	0.1261	2D Fix --	62.9223	-155.6561	114	2	2	0	1	0.1150	4
Fix 335	112	2002	6	25	176	0.3761	3D Fix	62.9121	-155.6614	116	5	1	5	3	0.0500	2
Fix 336	112	2002	6	25	176	0.5008	3D Fix	62.9126	-155.6663	119	5	3	4	4	0.1100	2
Fix 337	112	2002	6	25	176	0.6256	2D Fix --	62.9195	-155.6570	119	0	0	0	0	0.0800	2
Fix 338	112	2002	6	25	176	0.7517	2D Fix --	62.9161	-155.6530	118	9	9	1	4	0.0600	17
Fix 339	112	2002	6	25	176	0.8766	2D Fix --	62.9160	-155.6519	120	3	3	1	1	0.0700	17
Fix 342	112	2002	6	26	177	0.2510	2D Fix --	62.9097	-155.6278	120	5	5	1	1	0.0550	17
Fix 343	112	2002	6	26	177	0.3765	2D Fix --	62.9070	-155.6459	120	2	2	1	1	0.0200	16

Fix 345	112	2002	6	26	177	0.6271	2D Fix --	62.9137	-155.6695	121	6	6	1	2	0.0550	2
Fix 346	112	2002	6	26	177	0.7520	2D Fix --	62.9244	-155.6894	120	14	14	1	1	0.0900	5
Fix 347	112	2002	6	26	177	0.8758	2D Fix --	62.9188	-155.7148	120	2	2	1	1	0.0250	5
Fix 348	112	2002	6	27	178	0.0017	2D Fix --	62.9189	-155.7140	120	3	3	1	2	0.0150	3
Fix 349	112	2002	6	27	178	0.1261	3D Fix	62.9159	-155.7284	121	5	3	4	3	0.0550	4
Fix 350	112	2002	6	27	178	0.2511	2D Fix --	62.9078	-155.7472	121	2	2	0	1	0.0700	3
Fix 351	112	2002	6	27	178	0.3758	3D Fix	62.8950	-155.7516	124	6	2	6	4	0.0100	2
Fix 352	112	2002	6	27	178	0.5020	2D Fix --	62.8956	-155.7515	126	3	3	0	1	0.0050	13
Fix 353	112	2002	6	27	178	0.6254	3D Fix	62.8952	-155.7520	161	5	3	4	3	0.0600	2
Fix 354	112	2002	6	27	178	0.7504	3D Fix	62.8907	-155.7535	181	6	3	5	4	0.0900	5
Fix 355	112	2002	6	27	178	0.8767	2D Fix --	62.8904	-155.7531	179	0	0	0	0	0.0600	2
Fix 358	112	2002	6	28	179	0.2508	2D Fix --	62.8900	-155.7509	179	3	3	1	2	0.0800	2
Fix 359	112	2002	6	28	179	0.3765	2D Fix --	62.9009	-155.7473	180	0	0	0	0	0.0250	2
Fix 362	112	2002	6	28	179	0.7511	2D Fix --	62.8937	-155.7123	179	4	4	1	1	0.0900	10
Fix 363	112	2002	6	28	179	0.8758	2D Fix --	62.8939	-155.7093	179	3	3	1	1	0.0300	13
Fix 364	112	2002	6	29	180	0.0005	3D Fix	62.8885	-155.7036	180	4	1	4	2	0.0350	17
Fix 365	112	2002	6	29	180	0.1261	2D Fix --	62.8888	-155.7031	181	0	0	0	0	0.0500	2
Fix 368	112	2002	6	29	180	0.5014	2D Fix --	62.9098	-155.6306	181	3	3	0	1	0.0050	2
Fix 369	112	2002	6	29	180	0.6263	2D Fix --	62.9176	-155.6464	182	0	0	0	0	0.0650	3
Fix 373	112	2002	6	30	181	0.1258	2D Fix --	62.9190	-155.6503	181	4	4	0	2	0.1300	4
Fix 374	112	2002	6	30	181	0.2505	3D Fix	62.9227	-155.6640	176	4	2	4	3	0.0600	2
Fix 376	112	2002	6	30	181	0.5004	3D Fix	62.9355	-155.6860	124	4	2	4	3	0.0250	5
Fix 377	112	2002	6	30	181	0.6267	2D Fix --	62.9391	-155.6987	124	3	2	1	1	0.0650	4
Fix 378	112	2002	6	30	181	0.7508	2D Fix --	62.9238	-155.7207	124	5	5	0	1	0.0400	4
Fix 381	112	2002	7	1	182	0.1260	2D Fix --	62.9029	-155.7500	123	0	0	0	0	0.0550	21
Fix 382	112	2002	7	1	182	0.2511	3D Fix	62.8971	-155.7525	126	4	2	3	3	0.0550	2
Fix 383	112	2002	7	1	182	0.3757	3D Fix	62.8897	-155.7499	131	4	2	4	3	0.0600	2
Fix 385	112	2002	7	1	182	0.6260	2D Fix --	62.8864	-155.7570	133	2	2	0	1	0.0400	2
Fix 386	112	2002	7	1	182	0.7504	3D Fix	62.8870	-155.7569	184	7	3	7	6	0.0500	13
Fix 388	112	2002	7	2	183	0.0015	3D Fix	62.8869	-155.7581	177	5	3	4	2	0.1000	13
Fix 389	112	2002	7	2	183	0.1255	3D Fix	62.8870	-155.7581	173	6	3	5	3	0.0300	13
Fix 391	112	2002	7	2	183	0.3758	2D Fix --	62.8923	-155.7559	173	1	1	0	1	0.0200	10
Fix 392	112	2002	7	2	183	0.5005	3D Fix	62.8923	-155.7559	172	4	3	3	3	0.0950	10
Fix 393	112	2002	7	2	183	0.6264	2D Fix --	62.8900	-155.7502	172	0	0	0	0	0.1250	10

Fix 394	112	2002	7	2	183	0.7508	2D Fix --	62.8968	-155.7247	172	4	4	0	2	0.0050	17
Fix 395	112	2002	7	2	183	0.8757	3D Fix	62.8968	-155.7251	174	6	3	5	4	0.0000	17
Fix 396	112	2002	7	3	184	0.0019	3D Fix	62.8969	-155.7115	174	3	2	2	2	0.0500	17
Fix 398	112	2002	7	3	184	0.2510	2D Fix --	62.8840	-155.7360	174	3	3	0	1	0.1000	5
Fix 399	112	2002	7	3	184	0.3761	3D Fix	62.8872	-155.7566	186	4	2	3	3	0.0600	21
Fix 400	112	2002	7	3	184	0.5010	2D Fix --	62.8897	-155.7547	186	3	3	1	2	0.0800	4
Fix 401	112	2002	7	3	184	0.6261	2D Fix --	62.8950	-155.7540	188	0	0	0	0	0.0550	5
Fix 402	112	2002	7	3	184	0.7521	2D Fix --	62.8952	-155.7508	186	0	0	0	0	0.0100	13
Fix 404	112	2002	7	4	185	0.0014	2D Fix --	62.9052	-155.7460	187	0	0	0	0	0.0550	2
Fix 405	112	2002	7	4	185	0.1255	3D Fix	62.9124	-155.7233	185	5	5	3	2	0.0600	3
Fix 406	112	2002	7	4	185	0.2508	2D Fix --	62.9099	-155.6876	182	3	3	0	1	0.3250	2
Fix 408	112	2002	7	4	185	0.5010	2D Fix --	62.9173	-155.6754	183	2	2	1	1	0.0000	5
Fix 411	112	2002	7	4	185	0.8770	2D Fix --	62.9225	-155.6609	183	0	0	0	0	0.0950	3
Fix 412	112	2002	7	5	186	0.0014	2D Fix --	62.9195	-155.6493	182	3	3	1	1	0.0600	4
Fix 413	112	2002	7	5	186	0.1259	3D Fix	62.9088	-155.6216	174	5	3	5	4	0.0300	3
Fix 414	112	2002	7	5	186	0.2508	2D Fix --	62.9124	-155.6364	170	3	3	0	1	0.0650	2
Fix 415	112	2002	7	5	186	0.3759	2D Fix --	62.9203	-155.6480	171	19	19	1	10	0.0950	2
Fix 416	112	2002	7	5	186	0.5008	2D Fix --	62.9242	-155.6518	170	2	2	0	1	0.0150	10
Fix 417	112	2002	7	5	186	0.6260	2D Fix --	62.9259	-155.6448	170	4	4	1	3	0.1150	2
Fix 419	112	2002	7	5	186	0.8758	2D Fix --	62.9435	-155.6355	171	4	4	1	1	0.0300	37
Fix 420	112	2002	7	6	187	0.0008	3D Fix	62.9432	-155.6585	167	4	3	3	2	0.0850	24
Fix 421	112	2002	7	6	187	0.1258	2D Fix --	62.9451	-155.6660	167	3	2	1	1	0.0400	27
Fix 422	112	2002	7	6	187	0.2507	3D Fix	62.9578	-155.6651	163	3	1	2	2	0.2150	4
Fix 423	112	2002	7	6	187	0.3754	3D Fix	62.9603	-155.6560	96	4	3	3	2	0.1500	21
Fix 424	112	2002	7	6	187	0.5008	2D Fix --	62.9548	-155.6451	99	2	2	0	1	0.0800	21
Fix 425	112	2002	7	6	187	0.6255	3D Fix	62.9443	-155.6510	98	3	2	3	2	0.0500	70
Fix 426	112	2002	7	6	187	0.7506	3D Fix	62.9458	-155.6579	100	5	2	5	4	0.0050	2
Fix 428	112	2002	7	7	188	0.0010	2D Fix --	62.9578	-155.6648	100	2	2	0	1	0.1450	24
Fix 429	112	2002	7	7	188	0.1255	3D Fix	62.9583	-155.6606	102	4	3	3	2	0.2000	4
Fix 430	112	2002	7	7	188	0.2514	2D Fix --	62.9627	-155.6518	102	3	3	1	1	0.1300	5
Fix 431	112	2002	7	7	188	0.3758	3D Fix	62.9553	-155.6417	103	4	3	3	2	0.0750	2
Fix 432	112	2002	7	7	188	0.5008	2D Fix --	62.9716	-155.6190	104	8	8	1	2	0.1400	17
Fix 433	112	2002	7	7	188	0.6261	3D Fix	62.9585	-155.6495	103	4	1	4	3	0.1500	24
Fix 435	112	2002	7	7	188	0.8755	3D Fix	62.9583	-155.6495	104	5	3	4	4	0.1600	4

Fix 436	112	2002	7	8	189	0.0008	2D Fix --	62.9583	-155.6502	104	0	0	0	0	0.1800	27
Fix 437	112	2002	7	8	189	0.1265	2D Fix --	62.9651	-155.6475	105	5	5	1	3	0.0800	2
Fix 438	112	2002	7	8	189	0.2508	2D Fix --	62.9571	-155.6480	104	11	11	0	1	0.1400	32
Fix 439	112	2002	7	8	189	0.3766	2D Fix --	62.9465	-155.6776	104	0	0	0	0	0.0700	27
Fix 440	112	2002	7	8	189	0.5008	2D Fix --	62.9425	-155.6826	104	2	2	0	1	0.0600	5
Fix 441	112	2002	7	8	189	0.6258	3D Fix	62.9588	-155.6644	125	5	2	5	3	0.1800	27
Fix 442	112	2002	7	8	189	0.7521	2D Fix --	62.9589	-155.6616	125	4	4	1	2	0.0300	25
Fix 443	112	2002	7	8	189	0.8754	3D Fix	62.9587	-155.6608	123	4	3	3	3	0.1900	21
Fix 445	112	2002	7	9	190	0.1257	3D Fix	62.9571	-155.6498	122	5	3	4	3	0.1950	32
Fix 446	112	2002	7	9	190	0.2512	2D Fix --	62.9558	-155.6321	121	0	0	0	0	0.1450	5
Fix 447	112	2002	7	9	190	0.3755	2D Fix --	62.9367	-155.6321	120	0	0	0	0	0.1050	37
Fix 448	112	2002	7	9	190	0.5008	2D Fix --	62.9331	-155.6195	121	6	6	1	2	0.0050	61
Fix 449	112	2002	7	9	190	0.6267	3D Fix	62.9323	-155.6198	121	7	2	7	5	0.1200	61
Fix 450	112	2002	7	9	190	0.7505	3D Fix	62.9577	-155.6475	125	6	3	5	4	0.1650	24
Fix 451	112	2002	7	9	190	0.8760	2D Fix --	62.9582	-155.6519	125	0	0	0	0	0.2300	27
Fix 452	112	2002	7	10	191	0.0018	3D Fix	62.9656	-155.6421	125	3	2	3	2	0.1500	2
Fix 453	112	2002	7	10	191	0.1257	3D Fix	62.9577	-155.6475	111	4	2	4	2	0.2500	24
Fix 454	112	2002	7	10	191	0.2518	2D Fix --	62.9590	-155.6473	112	3	3	0	1	0.1850	21
Fix 456	112	2002	7	10	191	0.5018	2D Fix --	62.9721	-155.6183	113	7	7	1	3	0.0350	16
Fix 457	112	2002	7	10	191	0.6257	3D Fix	62.9583	-155.6473	111	6	2	6	4	0.2150	21
Fix 458	112	2002	7	10	191	0.7508	3D Fix	62.9600	-155.6541	116	5	4	3	3	0.1700	25
Fix 459	112	2002	7	10	191	0.8754	3D Fix	62.9592	-155.6600	120	5	3	4	4	0.0200	4
Fix 460	112	2002	7	11	192	0.0008	2D Fix --	62.9580	-155.6611	120	2	2	0	1	0.1700	37
Fix 462	112	2002	7	11	192	0.2508	3D Fix	62.9591	-155.6576	115	6	3	5	4	0.3650	4
Fix 465	112	2002	7	11	192	0.6261	2D Fix --	62.9647	-155.6337	115	2	2	0	1	0.2150	24
Fix 466	112	2002	7	11	192	0.7508	3D Fix	62.9588	-155.6471	100	7	3	6	5	0.0250	24
Fix 467	112	2002	7	11	192	0.8756	3D Fix	62.9584	-155.6475	131	5	4	3	3	0.1900	21
Fix 468	112	2002	7	12	193	0.0014	2D Fix --	62.9527	-155.6556	131	4	4	1	2	0.1700	61
Fix 469	112	2002	7	12	193	0.1264	3D Fix	62.9580	-155.6490	128	4	2	4	2	0.1150	27
Fix 470	112	2002	7	12	193	0.2504	3D Fix	62.9425	-155.6475	121	5	3	4	3	0.1350	2
Fix 472	112	2002	7	12	193	0.5008	3D Fix	62.9240	-155.6486	121	6	4	4	4	0.2450	4
Fix 473	112	2002	7	12	193	0.6258	2D Fix --	62.9175	-155.6451	120	0	0	0	0	0.2850	2
Fix 474	112	2002	7	12	193	0.7514	2D Fix --	62.9229	-155.6633	121	2	2	0	1	0.0950	2
Fix 476	112	2002	7	13	194	0.0011	3D Fix	62.9251	-155.6601	114	4	2	4	3	0.2500	4

Fix 478	112	2002	7	13	194	0.2506	3D Fix	62.9075	-155.6881	118	6	4	4	3	0.3600	17
Fix 480	112	2002	7	13	194	0.5011	2D Fix --	62.9193	-155.7039	119	2	2	0	1	0.1150	4
Fix 481	112	2002	7	13	194	0.6259	2D Fix --	62.8932	-155.7102	118	111	111	1	51	0.3250	17
Fix 482	112	2002	7	13	194	0.7508	2D Fix --	62.8880	-155.7009	119	5	5	0	2	0.1650	17
Fix 483	112	2002	7	13	194	0.8760	3D Fix	62.8959	-155.6760	138	5	3	4	3	0.2150	94
Fix 484	112	2002	7	14	195	0.0016	2D Fix --	62.8906	-155.6552	153	0	0	0	0	0.1850	10
Fix 485	112	2002	7	14	195	0.1261	2D Fix --	62.9183	-155.6488	154	2	2	0	1	0.1850	3
Fix 486	112	2002	7	14	195	0.2507	2D Fix --	62.9254	-155.6531	153	0	0	0	0	0.2950	81
Fix 488	112	2002	7	14	195	0.5008	2D Fix --	62.9282	-155.6618	153	4	4	1	2	0.3250	5
Fix 489	112	2002	7	14	195	0.6265	2D Fix --	62.9320	-155.6548	153	2	2	0	1	0.1200	32
Fix 490	112	2002	7	14	195	0.7508	2D Fix --	62.9333	-155.6506	153	2	2	0	1	0.0050	61
Fix 492	112	2002	7	15	196	0.0008	3D Fix	62.9353	-155.6584	151	5	3	5	3	0.1300	32
Fix 493	112	2002	7	15	196	0.1260	3D Fix	62.9410	-155.6709	148	5	3	4	3	0.0950	4
Fix 494	112	2002	7	15	196	0.2506	3D Fix	62.9584	-155.6625	146	6	5	4	3	0.1900	5
Fix 495	112	2002	7	15	196	0.3765	2D Fix --	62.9557	-155.6463	145	8	8	1	1	0.0800	2
Fix 496	112	2002	7	15	196	0.5014	2D Fix --	62.9553	-155.6491	145	4	4	1	2	0.2450	70
Fix 497	112	2002	7	15	196	0.6257	2D Fix --	62.9592	-155.6379	144	0	0	0	0	0.1300	2
Fix 498	112	2002	7	15	196	0.7508	2D Fix --	62.9761	-155.6254	144	2	2	0	1	0.0150	24
Fix 499	112	2002	7	15	196	0.8770	2D Fix --	62.9757	-155.6252	143	0	0	0	0	0.2500	21
Fix 500	112	2002	7	16	197	0.0006	3D Fix	62.9756	-155.6242	141	6	3	6	5	0.2450	21
Fix 501	112	2002	7	16	197	0.1257	3D Fix	62.9750	-155.6268	138	4	2	4	3	0.3200	2
Fix 502	112	2002	7	16	197	0.2508	2D Fix --	62.9580	-155.6492	137	10	10	0	1	0.2550	27
Fix 503	112	2002	7	16	197	0.3765	2D Fix --	62.9586	-155.6409	137	6	6	1	1	0.0450	2
Fix 504	112	2002	7	16	197	0.5013	3D Fix	62.9579	-155.6389	136	5	3	5	4	0.0200	5
Fix 505	112	2002	7	16	197	0.6258	2D Fix --	62.9576	-155.6475	135	1	1	0	0	0.2100	24
Fix 508	112	2002	7	17	198	0.0004	3D Fix	62.9572	-155.6477	107	7	3	6	4	0.1350	27
Fix 509	112	2002	7	17	198	0.1254	3D Fix	62.9575	-155.6508	118	5	3	4	3	0.1500	32
Fix 510	112	2002	7	17	198	0.2507	2D Fix --	62.9620	-155.6436	119	0	0	0	0	0.1600	24
Fix 511	112	2002	7	17	198	0.3764	2D Fix --	62.9503	-155.6472	118	3	3	1	2	0.0700	32
Fix 512	112	2002	7	17	198	0.5004	3D Fix	62.9487	-155.6490	118	5	3	5	3	0.1650	4
Fix 513	112	2002	7	17	198	0.6260	2D Fix --	62.9553	-155.6543	118	2	2	0	1	0.1500	4
Fix 518	112	2002	7	18	199	0.2508	2D Fix --	62.9581	-155.6587	118	11	10	1	3	0.1700	21
Fix 519	112	2002	7	18	199	0.3761	2D Fix --	62.9382	-155.6442	118	5	5	1	1	0.1900	37
Fix 520	112	2002	7	18	199	0.5008	2D Fix --	62.9356	-155.6415	118	4	3	1	2	0.2100	27

Fix 521	112	2002	7	18	199	0.6258	3D Fix	62.9303	-155.6363	118	7	4	6	5	0.2100	27
Fix 523	112	2002	7	18	199	0.8758	2D Fix --	62.9343	-155.6219	118	4	3	1	2	0.2050	27
Fix 524	112	2002	7	19	200	0.0008	3D Fix	62.9343	-155.6219	118	6	3	5	4	0.0150	27
Fix 526	112	2002	7	19	200	0.2508	2D Fix --	62.9322	-155.6339	118	11	11	1	3	0.1900	4
Fix 527	112	2002	7	19	200	0.3758	2D Fix --	62.9279	-155.6405	118	4	4	1	1	0.1700	4
Fix 529	112	2002	7	19	200	0.6255	3D Fix	62.9260	-155.6464	104	6	3	5	4	0.1700	4
Fix 530	112	2002	7	19	200	0.7508	3D Fix	62.9348	-155.5919	106	4	3	2	2	0.1700	93
Fix 531	112	2002	7	19	200	0.8760	2D Fix --	62.9342	-155.6197	106	4	4	1	1	0.1150	4
Fix 532	112	2002	7	20	201	0.0004	3D Fix	62.9342	-155.6207	101	6	4	5	4	0.2200	5
Fix 534	112	2002	7	20	201	0.2508	2D Fix --	62.9284	-155.6451	101	10	10	1	3	0.3300	4
Fix 535	112	2002	7	20	201	0.3756	2D Fix --	62.9224	-155.6555	100	0	0	0	0	0.0550	4
Fix 536	112	2002	7	20	201	0.5008	2D Fix --	62.9216	-155.6532	101	2	2	0	1	0.3250	4
Fix 537	112	2002	7	20	201	0.6254	3D Fix	62.9215	-155.6638	112	6	3	4	3	0.2550	4
Fix 538	112	2002	7	20	201	0.7511	2D Fix --	62.9159	-155.6820	113	2	2	0	1	0.2850	4
Fix 539	112	2002	7	20	201	0.8758	2D Fix --	62.9124	-155.6862	113	4	4	1	1	0.0200	2
Fix 540	112	2002	7	21	202	0.0006	3D Fix	62.9118	-155.6857	118	6	4	5	4	0.3900	17
Fix 543	112	2002	7	21	202	0.3758	2D Fix --	62.8887	-155.7002	120	4	3	1	1	0.1950	4
Fix 544	112	2002	7	21	202	0.5012	2D Fix --	62.8893	-155.7001	120	1	1	0	0	0.2700	4
Fix 545	112	2002	7	21	202	0.6258	3D Fix	62.8876	-155.6964	125	6	4	4	3	0.2950	2
Fix 546	112	2002	7	21	202	0.7517	2D Fix --	62.9184	-155.6528	130	4	4	1	1	0.2450	4
Fix 547	112	2002	7	21	202	0.8761	2D Fix --	62.9253	-155.6590	128	4	4	1	1	0.0750	4
Fix 548	112	2002	7	22	203	0.0008	3D Fix	62.9290	-155.6592	127	7	5	5	4	0.2650	21
Fix 549	112	2002	7	22	203	0.1254	3D Fix	62.9250	-155.6592	113	5	3	4	3	0.3150	3
Fix 550	112	2002	7	22	203	0.2508	2D Fix --	62.9297	-155.6258	114	0	0	0	0	0.2500	4
Fix 553	112	2002	7	22	203	0.6254	3D Fix	62.9571	-155.6474	95	6	2	5	4	0.2300	4
Fix 554	112	2002	7	22	203	0.7507	3D Fix	62.9574	-155.6483	96	6	2	6	4	0.2000	27
Fix 556	112	2002	7	23	204	0.0004	3D Fix	62.9602	-155.6527	100	7	5	5	5	0.0550	21
Fix 557	112	2002	7	23	204	0.1258	2D Fix --	62.9578	-155.6503	101	2	2	1	1	0.1500	27
Fix 562	112	2002	7	23	204	0.7507	3D Fix	62.9573	-155.6473	103	4	2	3	2	0.1250	27
Fix 564	112	2002	7	24	205	0.0008	2D Fix --	62.9572	-155.6501	103	2	2	0	1	0.0750	32
Fix 565	112	2002	7	24	205	0.1258	3D Fix	62.9585	-155.6528	104	7	3	6	5	0.0850	24
Fix 566	112	2002	7	24	205	0.2504	3D Fix	62.9561	-155.6485	114	6	6	2	3	0.2350	5
Fix 570	112	2002	7	24	205	0.7504	3D Fix	62.9314	-155.6324	124	4	3	3	2	0.2050	4
Fix 571	112	2002	7	24	205	0.8771	2D Fix --	62.9316	-155.6484	123	2	2	1	1	0.0050	5

Fix 86	115	2002	5	27	147	0.1258	2D Fix --	62.7669	-155.7458	123	5	5	1	2	0.0100	2
Fix 92	115	2002	5	27	147	0.8771	2D Fix --	62.7769	-155.7234	124	9	9	1	3	0.0100	10
Fix 94	115	2002	5	28	148	0.1259	2D Fix --	62.777	-155.7234	123	0	0	0	0	0.0100	10
Fix 97	115	2002	5	28	148	0.5006	3D Fix	62.7829	-155.7179	113	3	1	2	2	0.0350	16
Fix 98	115	2002	5	28	148	0.6258	2D Fix --	62.7838	-155.7161	113	5	5	1	2	0.0800	2
Fix 99	115	2002	5	28	148	0.7511	3D Fix	62.7832	-155.7238	112	7	2	6	4	0.0450	2
Fix 102	115	2002	5	29	149	0.1265	2D Fix --	62.7804	-155.7336	111	0	0	0	0	0.0800	2
Fix 107	115	2002	5	29	149	0.7517	2D Fix --	62.7808	-155.7505	112	6	6	1	3	0.1000	71
Fix 111	115	2002	5	30	150	0.2504	3D Fix	62.7791	-155.7435	83	5	1	5	3	0.0600	10
Fix 112	115	2002	5	30	150	0.3758	2D Fix --	62.7795	-155.7453	86	5	5	1	1	0.0550	71
Fix 114	115	2002	5	30	150	0.6263	2D Fix --	62.7794	-155.7468	87	0	0	0	0	0.1600	71
Fix 116	115	2002	5	30	150	0.8765	2D Fix --	62.7871	-155.7478	87	7	7	1	2	0.0100	16
Fix 120	115	2002	5	31	151	0.3760	2D Fix --	62.7887	-155.7413	87	0	0	0	0	0.0350	16
Fix 122	115	2002	5	31	151	0.6254	3D Fix	62.7892	-155.7467	120	5	2	5	4	0.0350	2
Fix 123	115	2002	5	31	151	0.7513	2D Fix --	62.7895	-155.7480	120	3	3	0	1	0.1550	80
Fix 124	115	2002	5	31	151	0.8761	3D Fix	62.7886	-155.7469	120	6	3	5	4	0.0050	2
Fix 127	115	2002	6	1	152	0.2519	3D Fix	62.7885	-155.7472	119	6	4	3	2	0.1200	2
Fix 128	115	2002	6	1	152	0.3765	2D Fix --	62.7824	-155.7508	119	6	6	1	1	0.0950	5
Fix 134	115	2002	6	2	153	0.1258	2D Fix --	62.7841	-155.7482	119	3	3	1	1	0.0400	16
Fix 135	115	2002	6	2	153	0.2518	2D Fix --	62.7807	-155.7504	119	0	0	0	0	0.0450	71
Fix 136	115	2002	6	2	153	0.3758	3D Fix	62.7784	-155.7415	118	5	4	2	3	0.0750	16
Fix 139	115	2002	6	2	153	0.7516	2D Fix --	62.7804	-155.7469	119	0	0	0	0	0.0650	2
Fix 140	115	2002	6	2	153	0.8763	2D Fix --	62.7804	-155.7473	118	0	0	0	0	0.0050	71
Fix 142	115	2002	6	3	154	0.1264	2D Fix --	62.7803	-155.7471	118	0	0	0	0	0.0400	71
Fix 143	115	2002	6	3	154	0.2517	2D Fix --	62.7798	-155.7469	118	0	0	0	0	0.2100	71
Fix 144	115	2002	6	3	154	0.3768	2D Fix --	62.786	-155.7477	119	10	10	1	2	0.0950	16
Fix 146	115	2002	6	3	154	0.6258	2D Fix --	62.7878	-155.7497	119	3	3	1	2	0.0900	80
Fix 147	115	2002	6	3	154	0.7510	2D Fix --	62.7871	-155.7479	116	2	2	0	1	0.0550	16
Fix 148	115	2002	6	3	154	0.8763	2D Fix --	62.7872	-155.7478	116	0	0	0	0	0.0400	16
Fix 150	115	2002	6	4	155	0.1260	2D Fix --	62.7872	-155.7478	116	4	4	1	2	0.0800	16
Fix 151	115	2002	6	4	155	0.2517	2D Fix --	62.782	-155.7518	115	7	7	1	3	0.3350	71
Fix 154	115	2002	6	4	155	0.6260	2D Fix --	62.7758	-155.7540	116	4	4	1	2	0.0300	2
Fix 158	115	2002	6	5	156	0.1260	2D Fix --	62.7746	-155.7561	116	4	4	1	2	0.2000	10
Fix 159	115	2002	6	5	156	0.2518	2D Fix --	62.7749	-155.7540	116	6	6	1	3	0.0800	2

Fix 160	115	2002	6	5	156	0.3758	2D Fix --	62.7753	-155.7560	116	2	2	0	1	0.0100	2
Fix 162	115	2002	6	5	156	0.6261	2D Fix --	62.7741	-155.7546	116	10	10	1	4	0.3300	10
Fix 163	115	2002	6	5	156	0.7506	3D Fix	62.7662	-155.7802	115	7	4	5	4	0.3550	71
Fix 164	115	2002	6	5	156	0.8756	3D Fix	62.769	-155.7756	116	6	2	5	4	0.0400	2
Fix 165	115	2002	6	6	157	0.0013	2D Fix --	62.769	-155.7755	116	2	2	1	1	0.0300	2
Fix 167	115	2002	6	6	157	0.2511	3D Fix	62.7725	-155.7835	113	5	2	4	3	0.1800	71
Fix 171	115	2002	6	6	157	0.7508	2D Fix --	62.7766	-155.7806	113	8	7	1	3	0.0600	16
Fix 172	115	2002	6	6	157	0.8758	2D Fix --	62.7763	-155.7763	113	2	2	1	1	0.0750	10
Fix 174	115	2002	6	7	158	0.1269	2D Fix --	62.7763	-155.7763	112	5	5	1	2	0.0850	10
Fix 175	115	2002	6	7	158	0.2514	3D Fix	62.7776	-155.7802	103	5	2	4	3	0.2100	10
Fix 177	115	2002	6	7	158	0.5013	2D Fix --	62.771	-155.7375	103	0	0	0	0	0.0800	10
Fix 178	115	2002	6	7	158	0.6271	2D Fix --	62.7716	-155.7363	103	0	0	0	0	0.1400	16
Fix 179	115	2002	6	7	158	0.7508	2D Fix --	62.7679	-155.7229	103	8	8	1	3	0.1550	16
Fix 183	115	2002	6	8	159	0.2514	2D Fix --	62.7677	-155.7208	103	0	0	0	0	0.1300	16
Fix 184	115	2002	6	8	159	0.3764	2D Fix --	62.7674	-155.7190	103	10	10	1	2	0.0750	16
Fix 186	115	2002	6	8	159	0.6258	2D Fix --	62.7624	-155.7204	103	5	5	1	2	0.2150	16
Fix 187	115	2002	6	8	159	0.7508	2D Fix --	62.7632	-155.7248	103	6	6	1	2	0.0350	4
Fix 192	115	2002	6	9	160	0.3758	2D Fix --	62.7675	-155.7217	103	11	11	1	2	0.2000	2
Fix 194	115	2002	6	9	160	0.6256	3D Fix	62.7654	-155.7247	105	5	2	5	4	0.2600	10
Fix 196	115	2002	6	9	160	0.8771	2D Fix --	62.7683	-155.7173	106	3	3	1	1	0.2250	16
Fix 197	115	2002	6	10	161	0.0011	2D Fix --	62.7672	-155.7167	106	3	3	1	1	0.0250	16
Fix 198	115	2002	6	10	161	0.1267	2D Fix --	62.7672	-155.7165	106	5	5	1	2	0.0250	16
Fix 201	115	2002	6	10	161	0.5020	2D Fix --	62.7737	-155.7374	108	0	0	0	0	0.3150	16
Fix 202	115	2002	6	10	161	0.6261	3D Fix	62.7799	-155.7140	106	4	4	1	2	0.1200	17
Fix 203	115	2002	6	10	161	0.7511	2D Fix --	62.7787	-155.7066	105	7	7	0	2	0.0500	16
Fix 204	115	2002	6	10	161	0.8758	2D Fix --	62.7787	-155.7067	105	2	2	1	1	0.0250	16
Fix 206	115	2002	6	11	162	0.1258	3D Fix	62.7787	-155.7067	106	4	2	3	2	0.0200	16
Fix 207	115	2002	6	11	162	0.2506	2D Fix --	62.7819	-155.7078	107	0	0	0	0	0.2050	16
Fix 208	115	2002	6	11	162	0.3767	2D Fix --	62.779	-155.7273	107	6	6	0	1	0.2150	32
Fix 209	115	2002	6	11	162	0.5011	3D Fix	62.778	-155.7329	107	6	3	5	5	0.0950	32
Fix 210	115	2002	6	11	162	0.6258	2D Fix --	62.781	-155.7362	107	0	0	0	0	0.0350	21
Fix 211	115	2002	6	11	162	0.7508	3D Fix	62.7778	-155.7345	107	4	3	2	2	0.2650	16
Fix 212	115	2002	6	11	162	0.8758	3D Fix	62.7825	-155.7338	131	5	2	4	4	0.0200	2
Fix 215	115	2002	6	12	163	0.2514	2D Fix --	62.7777	-155.7346	131	3	3	1	1	0.3250	2

Fix 216	115	2002	6	12	163	0.3760	3D Fix	62.7769	-155.7412	104	4	3	2	1	0.2850	2
Fix 218	115	2002	6	12	163	0.6258	2D Fix --	62.7664	-155.7381	104	4	4	1	2	0.1250	4
Fix 219	115	2002	6	12	163	0.7508	2D Fix --	62.7646	-155.7394	104	3	3	1	1	0.0300	4
Fix 220	115	2002	6	12	163	0.8771	2D Fix --	62.7629	-155.7459	104	3	3	1	1	0.1650	17
Fix 222	115	2002	6	13	164	0.1255	3D Fix	62.7619	-155.7426	104	4	2	3	2	0.0050	17
Fix 223	115	2002	6	13	164	0.2514	2D Fix --	62.7626	-155.7401	104	0	0	0	0	0.2150	2
Fix 225	115	2002	6	13	164	0.5006	3D Fix	62.778	-155.7327	104	6	3	5	4	0.0250	71
Fix 227	115	2002	6	13	164	0.7515	3D Fix	62.7825	-155.7336	102	6	3	5	4	0.0700	17
Fix 228	115	2002	6	13	164	0.8767	2D Fix --	62.7772	-155.7316	102	2	2	0	1	0.2800	16
Fix 235	115	2002	6	14	165	0.7508	3D Fix	62.7633	-155.6877	101	4	2	4	3	0.0550	16
Fix 236	115	2002	6	14	165	0.8758	3D Fix	62.763	-155.7024	102	4	2	4	3	0.1150	16
Fix 238	115	2002	6	15	166	0.1258	2D Fix --	62.7637	-155.7015	102	2	2	0	1	0.0100	10
Fix 240	115	2002	6	15	166	0.3761	2D Fix --	62.7618	-155.7130	102	4	4	0	1	0.2350	4
Fix 241	115	2002	6	15	166	0.5006	3D Fix	62.7561	-155.7208	101	6	4	5	4	0.1450	16
Fix 242	115	2002	6	15	166	0.6260	3D Fix	62.7503	-155.7312	103	5	2	5	4	0.1850	10
Fix 243	115	2002	6	15	166	0.7508	2D Fix --	62.7529	-155.7326	103	3	3	1	1	0.0250	4
Fix 246	115	2002	6	16	167	0.1260	2D Fix --	62.7531	-155.7350	103	4	4	1	2	0.0100	4
Fix 247	115	2002	6	16	167	0.2508	2D Fix --	62.7532	-155.7350	103	4	4	1	2	0.2350	16
Fix 248	115	2002	6	16	167	0.3758	2D Fix --	62.7619	-155.7189	103	4	4	0	1	0.1900	10
Fix 249	115	2002	6	16	167	0.5008	2D Fix --	62.7725	-155.7391	102	0	0	0	0	0.4250	16
Fix 252	115	2002	6	16	167	0.8762	2D Fix --	62.7782	-155.7169	103	0	0	0	0	0.2750	10
Fix 255	115	2002	6	17	168	0.2505	3D Fix	62.7778	-155.7254	103	6	4	5	5	0.1950	16
Fix 257	115	2002	6	17	168	0.5008	2D Fix --	62.7795	-155.7378	103	5	5	1	2	0.0900	2
Fix 259	115	2002	6	17	168	0.7509	2D Fix --	62.7809	-155.7361	103	4	4	1	1	0.0250	21
Fix 260	115	2002	6	17	168	0.8760	2D Fix --	62.781	-155.7363	103	0	0	0	0	0.1500	21
Fix 261	115	2002	6	18	169	0.0009	2D Fix --	62.7777	-155.7330	103	2	2	0	1	0.1650	2
Fix 265	115	2002	6	18	169	0.5008	2D Fix --	62.7764	-155.7389	103	5	5	1	2	0.2600	2
Fix 267	115	2002	6	18	169	0.7510	2D Fix --	62.7766	-155.7277	103	7	6	1	2	0.0150	21
Fix 268	115	2002	6	18	169	0.8762	2D Fix --	62.7774	-155.7300	103	0	0	0	0	0.1950	16
Fix 271	115	2002	6	19	170	0.2510	2D Fix --	62.7775	-155.7292	103	3	3	1	2	0.1500	16
Fix 272	115	2002	6	19	170	0.3761	3D Fix	62.7777	-155.7365	103	5	2	4	3	0.2750	2
Fix 273	115	2002	6	19	170	0.5015	2D Fix --	62.7899	-155.6998	104	3	3	1	1	0.2650	16
Fix 275	115	2002	6	19	170	0.7504	3D Fix	62.7898	-155.7000	109	3	2	3	2	0.0250	10
Fix 276	115	2002	6	19	170	0.8756	3D Fix	62.7905	-155.6973	110	4	2	4	3	0.1350	2

Fix 277	115	2002	6	20	171	0.0008	2D Fix --	62.7899	-155.6971	110	3	3	1	1	0.1450	16
Fix 278	115	2002	6	20	171	0.1269	2D Fix --	62.7907	-155.6965	110	4	4	0	1	0.0200	2
Fix 279	115	2002	6	20	171	0.2507	3D Fix	62.7906	-155.6964	111	5	3	5	3	0.1850	2
Fix 280	115	2002	6	20	171	0.3765	2D Fix --	62.7849	-155.7110	111	2	2	0	1	0.1050	3
Fix 281	115	2002	6	20	171	0.5006	3D Fix	62.7843	-155.7123	111	4	2	4	3	0.1700	32
Fix 282	115	2002	6	20	171	0.6258	2D Fix --	62.7836	-155.7273	111	5	5	1	2	0.0650	1
Fix 284	115	2002	6	20	171	0.8757	2D Fix --	62.7799	-155.7310	111	0	0	0	0	0.2900	16
Fix 285	115	2002	6	21	172	0.0014	3D Fix	62.7777	-155.7303	111	5	3	4	4	0.1550	2
Fix 286	115	2002	6	21	172	0.1257	2D Fix --	62.7769	-155.7273	111	0	0	0	0	0.0200	16
Fix 289	115	2002	6	21	172	0.5014	2D Fix --	62.7754	-155.8049	111	0	0	0	0	0.3750	17
Fix 290	115	2002	6	21	172	0.6267	2D Fix --	62.7858	-155.8464	112	0	0	0	0	0.2600	2
Fix 293	115	2002	6	22	173	0.0014	2D Fix --	62.8086	-155.9287	112	0	0	0	0	0.0300	10
Fix 294	115	2002	6	22	173	0.1267	2D Fix --	62.8142	-155.9445	112	3	3	1	1	0.2950	10
Fix 295	115	2002	6	22	173	0.2504	3D Fix	62.8212	-155.9576	184	6	3	5	5	0.0150	17
Fix 296	115	2002	6	22	173	0.3758	2D Fix --	62.8232	-155.9579	184	3	3	0	1	0.0650	13
Fix 297	115	2002	6	22	173	0.5004	3D Fix	62.8229	-155.9589	199	3	2	3	2	0.1250	4
Fix 299	115	2002	6	22	173	0.7508	2D Fix --	62.8312	-155.8879	199	2	2	0	1	0.0250	10
Fix 300	115	2002	6	22	173	0.8754	3D Fix	62.8301	-155.8888	504	5	3	4	3	0.2050	10
Fix 301	115	2002	6	23	174	0.0014	2D Fix --	62.8287	-155.8850	504	3	3	1	1	0.1150	10
Fix 302	115	2002	6	23	174	0.1269	2D Fix --	62.8287	-155.8856	504	3	3	1	1	0.0300	10
Fix 305	115	2002	6	23	174	0.5010	3D Fix	62.8049	-155.7970	463	5	3	4	3	0.3200	10
Fix 306	115	2002	6	23	174	0.6258	3D Fix	62.7955	-155.7865	422	2	1	2	1	0.0250	2
Fix 307	115	2002	6	23	174	0.7506	3D Fix	62.7966	-155.7865	388	4	2	4	3	0.0400	2
Fix 308	115	2002	6	23	174	0.8761	3D Fix	62.7924	-155.7706	356	6	5	3	3	0.3900	93
Fix 309	115	2002	6	24	175	0.0007	2D Fix --	62.7853	-155.7689	355	0	0	0	0	0.2450	32
Fix 311	115	2002	6	24	175	0.2518	3D Fix	62.7781	-155.7615	95	6	3	5	4	0.3500	2
Fix 312	115	2002	6	24	175	0.3771	2D Fix --	62.7729	-155.7367	96	0	0	0	0	0.3250	16
Fix 316	115	2002	6	24	175	0.8769	2D Fix --	62.7688	-155.7265	97	0	0	0	0	0.0150	16
Fix 319	115	2002	6	25	176	0.2516	2D Fix --	62.7688	-155.7230	97	2	2	0	1	0.1350	16
Fix 320	115	2002	6	25	176	0.3770	2D Fix --	62.773	-155.7413	97	0	0	0	0	0.4400	71
Fix 322	115	2002	6	25	176	0.6254	3D Fix	62.755	-155.7091	93	4	2	3	2	0.2800	16
Fix 323	115	2002	6	25	176	0.7508	2D Fix --	62.7631	-155.7024	95	2	1	0	1	0.1500	16
Fix 324	115	2002	6	25	176	0.8763	2D Fix --	62.7636	-155.7019	96	0	0	0	0	0.0450	10
Fix 325	115	2002	6	26	177	0.0004	3D Fix	62.7611	-155.7072	94	3	2	3	2	0.2250	13

Fix 326	115	2002	6	26	177	0.1257	2D Fix --	62.7629	-155.7032	95	0	0	0	0	0.0800	17
Fix 327	115	2002	6	26	177	0.2508	2D Fix --	62.762	-155.7025	95	12	12	1	2	0.0250	17
Fix 328	115	2002	6	26	177	0.3760	3D Fix	62.7681	-155.7100	97	5	2	4	3	0.3000	1
Fix 329	115	2002	6	26	177	0.5007	3D Fix	62.7745	-155.7371	100	3	1	2	2	0.3100	16
Fix 333	115	2002	6	27	178	0.0008	2D Fix --	62.7774	-155.7307	101	3	3	1	2	0.1600	10
Fix 335	115	2002	6	27	178	0.2511	2D Fix --	62.7701	-155.7236	101	3	3	0	1	0.2450	10
Fix 336	115	2002	6	27	178	0.3761	3D Fix	62.7613	-155.7349	102	6	2	6	4	0.3300	2
Fix 337	115	2002	6	27	178	0.5008	2D Fix --	62.7584	-155.7291	101	0	0	0	0	0.2500	13
Fix 341	115	2002	6	28	179	0.0009	2D Fix --	62.7553	-155.7303	101	0	0	0	0	0.2550	2
Fix 343	115	2002	6	28	179	0.2508	2D Fix --	62.759	-155.7244	102	2	2	0	1	0.2400	2
Fix 344	115	2002	6	28	179	0.3771	2D Fix --	62.7615	-155.7141	102	2	2	1	1	0.0550	20
Fix 346	115	2002	6	28	179	0.6268	3D Fix	62.7634	-155.7156	107	6	5	5	5	0.0750	17
Fix 349	115	2002	6	29	180	0.0014	3D Fix	62.762	-155.7092	107	4	2	3	2	0.0700	10
Fix 350	115	2002	6	29	180	0.1258	2D Fix --	62.7618	-155.7092	107	4	4	0	2	0.2400	16
Fix 351	115	2002	6	29	180	0.2517	2D Fix --	62.7631	-155.7077	107	3	3	1	1	0.2000	4
Fix 353	115	2002	6	29	180	0.5008	2D Fix --	62.7903	-155.6975	109	4	4	1	2	0.2900	16
Fix 355	115	2002	6	29	180	0.7511	2D Fix --	62.7662	-155.7418	107	11	11	1	5	0.0250	2
Fix 356	115	2002	6	29	180	0.8767	2D Fix --	62.7662	-155.7422	108	0	0	0	0	0.0400	2
Fix 358	115	2002	6	30	181	0.1258	2D Fix --	62.7659	-155.7403	108	9	9	1	3	0.2300	4
Fix 360	115	2002	6	30	181	0.3763	3D Fix	62.7595	-155.7170	108	4	2	3	2	0.1950	4
Fix 361	115	2002	6	30	181	0.5008	2D Fix --	62.762	-155.7092	108	4	4	1	1	0.1400	10
Fix 365	115	2002	7	1	182	0.0011	2D Fix --	62.7627	-155.7134	108	6	5	1	1	0.1600	21
Fix 366	115	2002	7	1	182	0.1265	3D Fix	62.7649	-155.7058	97	6	3	5	3	0.0250	16
Fix 367	115	2002	7	1	182	0.2518	2D Fix --	62.7649	-155.7049	97	3	3	0	1	0.0600	10
Fix 368	115	2002	7	1	182	0.3764	2D Fix --	62.7646	-155.7049	97	0	0	0	0	0.0650	10
Fix 369	115	2002	7	1	182	0.5005	3D Fix	62.7652	-155.7063	99	7	3	6	5	0.1300	17
Fix 371	115	2002	7	1	182	0.7519	2D Fix --	62.7678	-155.6788	98	0	0	0	0	0.0400	17
Fix 372	115	2002	7	1	182	0.8769	2D Fix --	62.768	-155.6787	99	0	0	0	0	0.0300	2
Fix 374	115	2002	7	2	183	0.1262	3D Fix	62.7649	-155.7054	99	7	6	3	2	0.0350	4
Fix 375	115	2002	7	2	183	0.2518	2D Fix --	62.765	-155.7061	99	22	22	0	1	0.0350	17
Fix 377	115	2002	7	2	183	0.5021	2D Fix --	62.7664	-155.7083	99	4	4	1	2	0.3600	20
Fix 382	115	2002	7	3	184	0.1258	2D Fix --	62.7901	-155.8022	102	0	0	0	0	0.3850	2
Fix 383	115	2002	7	3	184	0.2508	2D Fix --	62.8	-155.8470	99	2	2	0	1	0.2300	5
Fix 384	115	2002	7	3	184	0.3771	2D Fix --	62.8074	-155.8206	100	2	2	1	1	0.4450	2

Fix 387	115	2002	7	3	184	0.7509	2D Fix --	62.7865	-155.7300	100	0	0	0	0	0.0350	16
Fix 394	115	2002	7	4	185	0.6263	2D Fix --	62.7673	-155.7530	100	0	0	0	0	0.1100	10
Fix 395	115	2002	7	4	185	0.7513	2D Fix --	62.7673	-155.7532	101	29	29	1	3	0.0200	10
Fix 397	115	2002	7	5	186	0.0021	2D Fix --	62.7656	-155.7512	101	9	9	1	2	0.2300	16
Fix 398	115	2002	7	5	186	0.1261	2D Fix --	62.7624	-155.7495	101	0	0	0	0	0.1600	2
Fix 401	115	2002	7	5	186	0.5021	2D Fix --	62.7653	-155.7069	101	10	10	1	2	0.0300	2
Fix 402	115	2002	7	5	186	0.6270	2D Fix --	62.7649	-155.7066	101	5	5	1	3	0.0900	17
Fix 403	115	2002	7	5	186	0.7508	2D Fix --	62.7649	-155.7067	101	0	0	0	0	0.0300	17
Fix 404	115	2002	7	5	186	0.8758	2D Fix --	62.7648	-155.7066	101	4	4	1	1	0.0200	17
Fix 406	115	2002	7	6	187	0.1261	2D Fix --	62.7647	-155.7047	101	5	5	1	3	0.0850	10
Fix 410	115	2002	7	6	187	0.6258	3D Fix	62.7647	-155.7048	116	6	2	6	4	0.1450	10
Fix 413	115	2002	7	7	188	0.0018	2D Fix --	62.7652	-155.7068	116	2	2	1	1	0.0050	10
Fix 425	115	2002	7	8	189	0.5010	3D Fix	62.7618	-155.7324	115	7	5	4	5	0.3250	2
Fix 430	115	2002	7	9	190	0.1256	3D Fix	62.7796	-155.7160	120	5	2	5	3	0.2650	17
Fix 435	115	2002	7	9	190	0.7517	2D Fix --	62.7707	-155.7346	120	63	63	1	15	0.2600	10
Fix 436	115	2002	7	9	190	0.8760	3D Fix	62.768	-155.7438	123	5	3	3	3	0.0450	16
Fix 438	115	2002	7	10	191	0.1266	2D Fix --	62.7679	-155.7438	123	0	0	0	0	0.2350	16
Fix 441	115	2002	7	10	191	0.5011	2D Fix --	62.7732	-155.7367	123	0	0	0	0	0.3350	16
Fix 451	115	2002	7	11	192	0.7506	3D Fix	62.8006	-155.7912	124	5	2	4	3	0.5600	2
Fix 459	115	2002	7	12	193	0.7508	2D Fix --	62.7707	-155.7348	124	5	5	0	2	0.1150	10
Fix 463	115	2002	7	13	194	0.2512	2D Fix --	62.7716	-155.7343	124	0	0	0	0	0.2500	17
Fix 473	115	2002	7	14	195	0.5021	2D Fix --	62.781	-155.7088	124	4	4	1	2	0.1150	2
Fix 475	115	2002	7	14	195	0.7521	2D Fix --	62.7692	-155.6760	123	5	5	1	2	0.0150	16
Fix 476	115	2002	7	14	195	0.8759	2D Fix --	62.7686	-155.6755	124	0	0	0	0	0.4300	16
Fix 477	115	2002	7	15	196	0.0011	2D Fix --	62.7602	-155.6780	124	10	10	1	4	0.0150	2
Fix 479	115	2002	7	15	196	0.2511	3D Fix	62.7637	-155.7055	123	6	5	3	3	0.3300	17
Fix 481	115	2002	7	15	196	0.5020	2D Fix --	62.756	-155.7313	123	4	4	1	2	0.1450	4
Fix 482	115	2002	7	15	196	0.6261	2D Fix --	62.7579	-155.7310	123	3	3	1	1	0.5050	13
Fix 484	115	2002	7	15	196	0.8761	2D Fix --	62.7805	-155.7954	123	2	2	1	1	0.1700	20
Fix 485	115	2002	7	16	197	0.0021	3D Fix	62.7799	-155.7955	121	6	3	5	5	0.0100	21
Fix 486	115	2002	7	16	197	0.1258	3D Fix	62.7805	-155.7957	120	5	2	5	4	0.5300	20
Fix 487	115	2002	7	16	197	0.2508	3D Fix	62.7843	-155.7935	119	7	6	3	3	0.3600	20
Fix 488	115	2002	7	16	197	0.3760	2D Fix --	62.7995	-155.7866	119	0	0	0	0	0.4400	32
Fix 489	115	2002	7	16	197	0.5007	3D Fix	62.8101	-155.8083	118	6	3	5	4	0.0050	20

Fix 491	115	2002	7	16	197	0.7515	2D Fix --	62.8271	-155.9179	119	0	0	0	0	0.5550	10
Fix 493	115	2002	7	17	198	0.0006	3D Fix	62.78	-155.9050	116	6	3	5	5	0.1900	5
Fix 495	115	2002	7	17	198	0.2510	2D Fix --	62.7746	-155.8778	116	7	7	0	1	0.4600	2
Fix 496	115	2002	7	17	198	0.3764	2D Fix --	62.7777	-155.8232	116	5	5	1	1	0.1250	17
Fix 498	115	2002	7	17	198	0.6258	2D Fix --	62.779	-155.8190	116	2	2	0	1	0.5300	17
Fix 499	115	2002	7	17	198	0.7517	2D Fix --	62.7788	-155.8048	116	5	5	1	2	0.0150	21
Fix 501	115	2002	7	18	199	0.0018	2D Fix --	62.7827	-155.7815	116	4	4	1	2	0.0800	16
Fix 502	115	2002	7	18	199	0.1258	2D Fix --	62.7837	-155.7801	116	3	3	1	2	0.0300	21
Fix 506	115	2002	7	18	199	0.6267	2D Fix --	62.7808	-155.7604	116	0	0	0	0	0.4350	16
Fix 507	115	2002	7	18	199	0.7504	3D Fix	62.7829	-155.7933	95	4	2	3	3	0.6450	21
Fix 508	115	2002	7	18	199	0.8764	2D Fix --	62.7877	-155.8006	96	4	4	1	2	0.4500	42
Fix 509	115	2002	7	19	200	0.0004	3D Fix	62.7872	-155.8091	79	5	2	5	4	0.0400	24
Fix 510	115	2002	7	19	200	0.1254	3D Fix	62.7874	-155.8091	108	5	2	4	3	0.0400	37
Fix 511	115	2002	7	19	200	0.2508	2D Fix --	62.787	-155.8004	108	2	2	0	0	0.5600	2
Fix 512	115	2002	7	19	200	0.3766	2D Fix --	62.7823	-155.8048	108	0	0	0	0	0.2450	27
Fix 513	115	2002	7	19	200	0.5006	3D Fix	62.7821	-155.8042	106	5	2	4	3	0.0550	20
Fix 516	115	2002	7	19	200	0.8758	2D Fix --	62.7774	-155.8238	106	4	4	1	2	0.3700	16
Fix 519	115	2002	7	20	201	0.2508	2D Fix --	62.781	-155.7860	106	10	10	1	3	0.4400	10
Fix 523	115	2002	7	20	201	0.7513	2D Fix --	62.7902	-155.7591	106	0	0	0	0	0.5000	10
Fix 525	115	2002	7	21	202	0.0006	3D Fix	62.8113	-155.7286	103	4	3	3	2	0.0100	5
Fix 539	115	2002	7	22	203	0.7521	2D Fix --	62.7795	-155.7466	100	3	3	1	1	0.2100	71
Fix 540	115	2002	7	22	203	0.8771	2D Fix --	62.7809	-155.7378	103	3	3	1	1	0.0300	10
Fix 542	115	2002	7	23	204	0.1260	2D Fix --	62.7786	-155.7393	103	3	3	1	1	0.3050	4
Fix 544	115	2002	7	23	204	0.3760	2D Fix --	62.7617	-155.7318	103	2	2	0	1	0.1750	16
Fix 550	115	2002	7	24	205	0.1265	2D Fix --	62.765	-155.7503	103	4	3	1	1	0.4000	16
Fix 551	115	2002	7	24	205	0.2508	2D Fix --	62.7593	-155.7451	103	6	6	0	2	0.5350	2
Fix 118	116	2002	5	27	147	0.1258	2D Fix --	62.9689	-155.0849	169	2	2	0	1	0.1400	17
Fix 120	116	2002	5	27	147	0.3764	2D Fix --	62.9700	-155.0881	169	3	3	1	2	0.0450	2
Fix 122	116	2002	5	27	147	0.6258	2D Fix --	62.9701	-155.0884	169	3	3	1	1	0.0500	2
Fix 123	116	2002	5	27	147	0.7504	3D Fix	62.9714	-155.0885	119	5	1	5	4	0.1200	16
Fix 130	116	2002	5	28	148	0.6261	2D Fix --	62.9711	-155.0920	120	5	5	1	2	0.0100	2
Fix 131	116	2002	5	28	148	0.7511	2D Fix --	62.9712	-155.0919	120	6	6	1	3	0.0850	1
Fix 132	116	2002	5	28	148	0.8758	2D Fix --	62.9738	-155.0897	120	2	2	0	1	0.2050	2
Fix 135	116	2002	5	29	149	0.2517	3D Fix	62.9767	-155.0895	120	3	2	3	2	0.1050	2

Fix 136	116	2002	5	29	149	0.3756	3D Fix	62.9774	-155.0875	120	6	3	6	4	0.0050	13
Fix 141	116	2002	5	30	150	0.0006	3D Fix	62.9790	-155.0939	123	3	2	3	2	0.0500	21
Fix 143	116	2002	5	30	150	0.2520	2D Fix --	62.9802	-155.0934	123	0	0	0	0	0.0950	43
Fix 144	116	2002	5	30	150	0.3758	2D Fix --	62.9800	-155.0936	123	1	1	0	1	0.0550	21
Fix 145	116	2002	5	30	150	0.5011	3D Fix	62.9799	-155.0936	119	5	2	4	3	0.0250	21
Fix 147	116	2002	5	30	150	0.7508	2D Fix --	62.9801	-155.0842	119	5	5	0	2	0.2600	32
Fix 148	116	2002	5	30	150	0.8770	2D Fix --	62.9804	-155.0831	119	6	6	1	2	0.0500	4
Fix 149	116	2002	5	31	151	0.0017	3D Fix	62.9801	-155.0757	119	5	2	4	3	0.0050	26
Fix 150	116	2002	5	31	151	0.1254	3D Fix	62.9804	-155.0751	125	4	2	3	2	0.0300	4
Fix 151	116	2002	5	31	151	0.2507	3D Fix	62.9736	-155.0710	124	3	2	3	2	0.3550	4
Fix 152	116	2002	5	31	151	0.3758	2D Fix --	62.9707	-155.0671	124	4	4	0	1	0.1150	4
Fix 153	116	2002	5	31	151	0.5012	2D Fix --	62.9709	-155.0671	124	0	0	0	0	0.0650	4
Fix 154	116	2002	5	31	151	0.6259	3D Fix	62.9707	-155.0668	124	5	2	4	3	0.1250	2
Fix 155	116	2002	5	31	151	0.7508	2D Fix --	62.9706	-155.0666	124	2	2	0	1	0.0650	2
Fix 156	116	2002	5	31	151	0.8756	3D Fix	62.9704	-155.0654	125	5	2	5	4	0.2650	2
Fix 157	116	2002	6	1	152	0.0008	2D Fix --	62.9736	-155.0731	126	2	2	1	1	0.0400	13
Fix 158	116	2002	6	1	152	0.1254	3D Fix	62.9781	-155.0736	110	5	2	4	3	0.2350	4
Fix 159	116	2002	6	1	152	0.2505	3D Fix	62.9802	-155.0652	112	4	2	4	2	0.4300	26
Fix 161	116	2002	6	1	152	0.5008	2D Fix --	62.9824	-155.0587	112	8	8	1	1	0.0100	2
Fix 162	116	2002	6	1	152	0.6258	3D Fix	62.9826	-155.0589	115	5	2	5	4	0.0400	4
Fix 163	116	2002	6	1	152	0.7521	2D Fix --	62.9810	-155.0512	116	2	2	0	1	0.4000	2
Fix 164	116	2002	6	1	152	0.8763	2D Fix --	62.9808	-155.0544	116	6	6	1	2	0.1850	4
Fix 166	116	2002	6	2	153	0.1271	2D Fix --	62.9870	-155.0476	116	9	9	1	4	0.1350	2
Fix 167	116	2002	6	2	153	0.2511	2D Fix --	62.9815	-155.0432	116	7	7	0	3	0.6200	43
Fix 171	116	2002	6	2	153	0.7511	2D Fix --	62.9867	-155.0451	116	2	2	0	1	0.0500	2
Fix 172	116	2002	6	2	153	0.8758	2D Fix --	62.9869	-155.0433	116	4	4	0	2	0.1550	2
Fix 173	116	2002	6	3	154	0.0011	2D Fix --	62.9877	-155.0423	117	0	0	0	0	0.1000	17
Fix 174	116	2002	6	3	154	0.1254	3D Fix	62.9880	-155.0435	127	5	3	5	3	0.1800	2
Fix 176	116	2002	6	3	154	0.3761	2D Fix --	62.9792	-155.0504	127	5	5	0	1	0.6000	4
Fix 177	116	2002	6	3	154	0.5008	2D Fix --	62.9766	-155.0506	127	6	5	1	1	0.0200	4
Fix 178	116	2002	6	3	154	0.6258	3D Fix	62.9765	-155.0505	127	6	3	5	4	0.0150	4
Fix 179	116	2002	6	3	154	0.7511	2D Fix --	62.9757	-155.0510	127	6	6	1	3	0.5900	4
Fix 180	116	2002	6	3	154	0.8759	3D Fix	62.9756	-155.0559	127	6	3	5	4	0.5050	32
Fix 182	116	2002	6	4	155	0.1260	2D Fix --	62.9779	-155.0752	127	7	7	1	3	0.1050	4

Fix 183	116	2002	6	4	155	0.2521	2D Fix --	62.9767	-155.0755	127	2	2	1	1	0.3800	21
Fix 184	116	2002	6	4	155	0.3758	2D Fix --	62.9721	-155.0596	127	6	6	0	1	0.6650	61
Fix 186	116	2002	6	4	155	0.6265	3D Fix	62.9748	-155.0562	133	6	3	6	5	0.0250	4
Fix 187	116	2002	6	4	155	0.7508	2D Fix --	62.9755	-155.0586	132	0	0	0	0	0.5150	2
Fix 188	116	2002	6	4	155	0.8762	2D Fix --	62.9702	-155.0666	132	0	0	0	0	0.0850	21
Fix 189	116	2002	6	5	156	0.0010	2D Fix --	62.9688	-155.0616	132	5	5	1	1	0.4450	4
Fix 190	116	2002	6	5	156	0.1267	2D Fix --	62.9665	-155.0621	132	5	5	1	2	0.0900	2
Fix 191	116	2002	6	5	156	0.2511	3D Fix	62.9630	-155.0550	131	5	2	4	3	0.3600	4
Fix 192	116	2002	6	5	156	0.3755	2D Fix --	62.9635	-155.0853	131	0	0	0	0	0.0400	2
Fix 194	116	2002	6	5	156	0.6262	2D Fix --	62.9631	-155.0856	131	0	0	0	0	0.1600	2
Fix 195	116	2002	6	5	156	0.7515	2D Fix --	62.9699	-155.0654	131	7	7	1	3	0.3150	4
Fix 196	116	2002	6	5	156	0.8756	3D Fix	62.9763	-155.0593	131	3	2	2	2	0.7150	2
Fix 197	116	2002	6	6	157	0.0008	2D Fix --	62.9714	-155.0590	131	2	2	0	1	0.1100	61
Fix 198	116	2002	6	6	157	0.1260	2D Fix --	62.9746	-155.0542	131	3	3	1	2	0.4950	4
Fix 199	116	2002	6	6	157	0.2514	2D Fix --	62.9791	-155.0540	131	0	0	0	0	0.2750	4
Fix 203	116	2002	6	6	157	0.7514	2D Fix --	62.9781	-155.0742	131	0	0	0	0	0.2050	2
Fix 204	116	2002	6	6	157	0.8769	3D Fix	62.9770	-155.0871	129	3	2	2	1	0.1900	4
Fix 206	116	2002	6	7	158	0.1256	3D Fix	62.9764	-155.0931	128	7	5	5	5	0.1100	21
Fix 207	116	2002	6	7	158	0.2520	2D Fix --	62.9762	-155.0884	130	0	0	0	0	0.1150	4
Fix 210	116	2002	6	7	158	0.6257	3D Fix	62.9769	-155.0878	132	5	2	4	3	0.0200	21
Fix 212	116	2002	6	7	158	0.8758	3D Fix	62.9731	-155.0698	134	4	3	3	3	0.4300	21
Fix 214	116	2002	6	8	159	0.1257	2D Fix --	62.9737	-155.0638	134	0	0	0	0	0.3850	32
Fix 215	116	2002	6	8	159	0.2506	2D Fix --	62.9775	-155.0383	135	0	0	0	0	0.5300	32
Fix 216	116	2002	6	8	159	0.3759	2D Fix --	62.9826	-155.0221	134	18	18	1	4	0.0250	2
Fix 218	116	2002	6	8	159	0.6255	3D Fix	62.9827	-155.0221	133	7	3	6	5	0.1300	2
Fix 221	116	2002	6	9	160	0.0010	2D Fix --	62.9832	-155.0253	133	2	2	1	1	0.1500	2
Fix 222	116	2002	6	9	160	0.1260	2D Fix --	62.9828	-155.0274	133	5	5	0	1	0.1650	2
Fix 223	116	2002	6	9	160	0.2514	2D Fix --	62.9846	-155.0288	133	0	0	0	0	0.2700	4
Fix 224	116	2002	6	9	160	0.3758	3D Fix	62.9866	-155.0276	133	5	4	3	3	0.0750	2
Fix 225	116	2002	6	9	160	0.5008	2D Fix --	62.9868	-155.0276	133	2	2	0	1	0.0650	2
Fix 226	116	2002	6	9	160	0.6258	2D Fix --	62.9855	-155.0266	133	6	6	1	2	0.0200	2
Fix 227	116	2002	6	9	160	0.7512	3D Fix	62.9863	-155.0258	133	7	4	5	3	0.1000	2
Fix 229	116	2002	6	10	161	0.0011	2D Fix --	62.9883	-155.0398	133	0	0	0	0	0.0850	2
Fix 232	116	2002	6	10	161	0.3761	2D Fix --	62.9748	-155.0605	133	11	11	1	2	0.3600	2

Fix 233	116	2002	6	10	161	0.5017	2D Fix --	62.9778	-155.0661	133	0	0	0	0	0.0900	21
Fix 234	116	2002	6	10	161	0.6260	2D Fix --	62.9784	-155.0658	133	2	2	0	1	0.0250	21
Fix 235	116	2002	6	10	161	0.7511	2D Fix --	62.9794	-155.0683	133	8	8	1	3	0.1700	21
Fix 236	116	2002	6	10	161	0.8769	3D Fix	62.9777	-155.0776	133	4	3	3	2	0.2600	2
Fix 238	116	2002	6	11	162	0.1259	2D Fix --	62.9831	-155.0712	134	0	0	0	0	0.1250	2
Fix 239	116	2002	6	11	162	0.2513	2D Fix --	62.9843	-155.0751	134	0	0	0	0	0.4450	4
Fix 240	116	2002	6	11	162	0.3770	2D Fix --	62.9829	-155.0636	133	0	0	0	0	0.1050	4
Fix 242	116	2002	6	11	162	0.6257	3D Fix	62.9840	-155.0622	133	4	2	4	3	0.0250	4
Fix 244	116	2002	6	11	162	0.8756	3D Fix	62.9737	-155.0476	115	4	3	3	2	0.1650	21
Fix 245	116	2002	6	12	163	0.0014	2D Fix --	62.9713	-155.0203	116	0	0	0	0	0.4500	2
Fix 246	116	2002	6	12	163	0.1261	2D Fix --	62.9697	-155.0150	116	4	4	0	1	0.3050	61
Fix 247	116	2002	6	12	163	0.2515	2D Fix --	62.9659	-155.0142	116	0	0	0	0	0.3200	2
Fix 248	116	2002	6	12	163	0.3757	2D Fix --	62.9649	-155.0070	116	14	14	1	3	0.3700	2
Fix 251	116	2002	6	12	163	0.7511	2D Fix --	62.9653	-155.0061	116	110	110	1	29	0.1600	21
Fix 252	116	2002	6	12	163	0.8758	2D Fix --	62.9663	-154.9980	116	2	2	0	1	0.4600	61
Fix 259	116	2002	6	13	164	0.7516	2D Fix --	62.9612	-154.9794	116	0	0	0	0	0.1350	21
Fix 260	116	2002	6	13	164	0.8759	2D Fix --	62.9622	-154.9773	116	0	0	0	0	0.1150	2
Fix 261	116	2002	6	14	165	0.0011	2D Fix --	62.9637	-154.9729	116	0	0	0	0	0.0800	4
Fix 262	116	2002	6	14	165	0.1271	2D Fix --	62.9641	-154.9726	116	2	2	0	1	0.0150	2
Fix 264	116	2002	6	14	165	0.3757	3D Fix	62.9747	-155.0035	119	3	3	2	1	0.4400	32
Fix 267	116	2002	6	14	165	0.7506	3D Fix	62.9800	-155.0269	120	5	4	4	4	0.2200	2
Fix 268	116	2002	6	14	165	0.8770	2D Fix --	62.9826	-155.0274	120	0	0	0	0	0.0700	4
Fix 269	116	2002	6	15	166	0.0017	2D Fix --	62.9842	-155.0284	120	0	0	0	0	0.1950	2
Fix 270	116	2002	6	15	166	0.1258	2D Fix --	62.9842	-155.0303	120	3	3	0	2	0.0650	4
Fix 271	116	2002	6	15	166	0.2521	2D Fix --	62.9838	-155.0359	120	6	6	1	3	0.2750	32
Fix 272	116	2002	6	15	166	0.3770	2D Fix --	62.9757	-155.0493	119	0	0	0	0	0.3500	32
Fix 273	116	2002	6	15	166	0.5010	2D Fix --	62.9728	-155.0616	120	3	3	1	1	0.4000	61
Fix 274	116	2002	6	15	166	0.6271	2D Fix --	62.9693	-155.0670	120	3	3	0	1	0.1450	21
Fix 276	116	2002	6	15	166	0.8761	2D Fix --	62.9673	-155.0599	120	0	0	0	0	0.1450	2
Fix 278	116	2002	6	16	167	0.1271	2D Fix --	62.9672	-155.0616	120	4	4	1	1	0.0350	4
Fix 279	116	2002	6	16	167	0.2521	2D Fix --	62.9651	-155.0685	120	4	4	1	2	0.4000	21
Fix 283	116	2002	6	16	167	0.7515	3D Fix	62.9689	-155.0611	122	5	3	4	4	0.2650	2
Fix 284	116	2002	6	16	167	0.8771	2D Fix --	62.9673	-155.0592	122	3	3	1	2	0.2000	2
Fix 286	116	2002	6	17	168	0.1260	2D Fix --	62.9651	-155.0571	122	3	3	1	2	0.1350	2

Fix 288	116	2002	6	17	168	0.3762	2D Fix --	62.9559	-155.0277	122	5	5	0	2	0.3600	32
Fix 289	116	2002	6	17	168	0.5006	3D Fix	62.9695	-155.0173	122	4	2	4	2	0.5000	2
Fix 290	116	2002	6	17	168	0.6265	2D Fix --	62.9656	-155.0120	122	3	3	1	1	0.2050	4
Fix 291	116	2002	6	17	168	0.7508	2D Fix --	62.9610	-155.0123	122	3	3	0	0	0.0800	2
Fix 292	116	2002	6	17	168	0.8771	2D Fix --	62.9590	-154.9994	122	2	2	0	1	0.2050	4
Fix 293	116	2002	6	18	169	0.0005	3D Fix	62.9581	-154.9705	122	5	2	4	3	0.3000	44
Fix 294	116	2002	6	18	169	0.1258	2D Fix --	62.9619	-154.9608	122	3	3	0	2	0.0200	21
Fix 295	116	2002	6	18	169	0.2517	2D Fix --	62.9619	-154.9606	122	4	4	1	2	0.0700	21
Fix 298	116	2002	6	18	169	0.6263	2D Fix --	62.9768	-154.9715	123	3	2	1	1	0.1100	2
Fix 299	116	2002	6	18	169	0.7520	2D Fix --	62.9768	-154.9714	122	18	18	1	5	0.0350	2
Fix 300	116	2002	6	18	169	0.8764	3D Fix	62.9757	-154.9778	126	5	3	4	2	0.4050	32
Fix 308	116	2002	6	19	170	0.8758	2D Fix --	62.9575	-155.0097	126	4	4	1	2	0.0300	4
Fix 309	116	2002	6	20	171	0.0018	2D Fix --	62.9585	-155.0108	126	0	0	0	0	0.2050	32
Fix 310	116	2002	6	20	171	0.1258	2D Fix --	62.9665	-155.0337	126	2	2	0	1	0.0150	2
Fix 311	116	2002	6	20	171	0.2510	2D Fix --	62.9703	-155.0423	126	4	4	0	1	0.3700	4
Fix 312	116	2002	6	20	171	0.3764	3D Fix	62.9798	-155.0421	126	4	2	4	2	0.3400	21
Fix 313	116	2002	6	20	171	0.5008	2D Fix --	62.9842	-155.0341	126	4	4	1	2	0.2150	21
Fix 314	116	2002	6	20	171	0.6268	3D Fix	62.9796	-155.0223	126	3	2	3	2	0.2000	2
Fix 315	116	2002	6	20	171	0.7510	2D Fix --	62.9800	-155.0237	127	2	2	0	1	0.0350	2
Fix 320	116	2002	6	21	172	0.3763	2D Fix --	62.9636	-155.0347	126	0	0	0	0	0.2400	2
Fix 321	116	2002	6	21	172	0.5005	3D Fix	62.9623	-155.0377	127	6	3	5	3	0.0400	2
Fix 322	116	2002	6	21	172	0.6261	2D Fix --	62.9550	-155.0411	127	2	2	0	1	0.3400	32
Fix 324	116	2002	6	21	172	0.8758	3D Fix	62.9523	-155.0298	128	5	3	4	3	0.0900	2
Fix 325	116	2002	6	22	173	0.0015	2D Fix --	62.9522	-155.0297	128	3	3	0	1	0.0500	2
Fix 326	116	2002	6	22	173	0.1262	2D Fix --	62.9523	-155.0298	128	0	0	0	0	0.0100	2
Fix 327	116	2002	6	22	173	0.2511	2D Fix --	62.9528	-155.0425	128	3	3	1	1	0.2250	32
Fix 329	116	2002	6	22	173	0.5008	2D Fix --	62.9481	-155.0384	128	5	5	0	2	0.1250	2
Fix 330	116	2002	6	22	173	0.6270	2D Fix --	62.9468	-155.0360	128	0	0	0	0	0.0900	2
Fix 331	116	2002	6	22	173	0.7508	2D Fix --	62.9450	-155.0352	128	5	5	0	2	0.0850	2
Fix 337	116	2002	6	23	174	0.5007	3D Fix	62.9543	-155.0049	128	4	2	4	2	0.0300	4
Fix 338	116	2002	6	23	174	0.6263	3D Fix	62.9574	-155.0039	128	3	2	2	2	0.1700	32
Fix 339	116	2002	6	23	174	0.7508	2D Fix --	62.9691	-155.0220	128	0	0	0	0	0.3600	2
Fix 341	116	2002	6	24	175	0.0011	2D Fix --	62.9784	-155.0339	129	0	0	0	0	0.0400	2
Fix 342	116	2002	6	24	175	0.1254	3D Fix	62.9784	-155.0338	126	6	4	5	4	0.1900	2

Fix 345	116	2002	6	24	175	0.5004	3D Fix	62.9764	-155.0340	121	3	2	3	2	0.0450	2
Fix 353	116	2002	6	25	176	0.5004	3D Fix	62.9464	-155.0241	114	5	3	4	4	0.0150	2
Fix 356	116	2002	6	25	176	0.8770	2D Fix --	62.9573	-154.9937	115	0	0	0	0	0.4700	4
Fix 357	116	2002	6	26	177	0.0021	2D Fix --	62.9667	-154.9710	115	7	7	1	1	0.3250	2
Fix 358	116	2002	6	26	177	0.1263	2D Fix --	62.9719	-154.9902	115	0	0	0	0	0.0400	2
Fix 360	116	2002	6	26	177	0.3768	2D Fix --	62.9772	-154.9956	116	1170	1170	2	648	0.1350	2
Fix 363	116	2002	6	26	177	0.7510	2D Fix --	62.9736	-155.0339	114	2	2	0	1	0.3650	2
Fix 364	116	2002	6	26	177	0.8767	3D Fix	62.9666	-155.0282	117	4	2	4	2	0.2700	2
Fix 367	116	2002	6	27	178	0.2513	2D Fix --	62.9661	-155.0438	117	0	0	0	0	0.4200	61
Fix 368	116	2002	6	27	178	0.3768	3D Fix	62.9794	-155.0697	118	5	3	3	3	0.2850	2
Fix 370	116	2002	6	27	178	0.6269	2D Fix --	62.9769	-155.0855	118	0	0	0	0	0.2050	16
Fix 371	116	2002	6	27	178	0.7505	3D Fix	62.9751	-155.0874	119	6	4	5	2	0.3150	2
Fix 384	116	2002	6	29	180	0.3771	2D Fix --	62.9880	-155.0335	121	0	0	0	0	0.3650	2
Fix 385	116	2002	6	29	180	0.5005	2D Fix --	62.9873	-155.0349	119	0	0	0	0	0.0350	2
Fix 386	116	2002	6	29	180	0.6266	3D Fix	62.9866	-155.0342	120	3	2	2	2	0.5000	2
Fix 387	116	2002	6	29	180	0.7516	2D Fix --	62.9752	-155.0371	120	3	3	1	1	0.3150	32
Fix 392	116	2002	6	30	181	0.3761	2D Fix --	62.9528	-155.0270	120	5	5	1	3	0.2900	2
Fix 393	116	2002	6	30	181	0.5013	2D Fix --	62.9411	-155.0121	121	0	0	0	0	0.4600	2
Fix 395	116	2002	6	30	181	0.7521	2D Fix --	62.9685	-154.9313	128	0	0	0	0	0.5400	2
Fix 396	116	2002	6	30	181	0.8758	2D Fix --	62.9764	-154.9244	120	5	5	1	2	0.0100	4
Fix 400	116	2002	7	1	182	0.3760	2D Fix --	62.9777	-154.9421	120	0	0	0	0	0.2450	2
Fix 411	116	2002	7	2	183	0.7516	2D Fix --	62.9698	-154.9044	120	0	0	0	0	0.1700	2
Fix 413	116	2002	7	3	184	0.0013	2D Fix --	62.9626	-154.9064	120	4	3	1	2	0.0700	2
Fix 415	116	2002	7	3	184	0.2519	2D Fix --	62.9681	-154.8974	120	2	2	0	1	0.3150	2
Fix 417	116	2002	7	3	184	0.5014	3D Fix	62.9744	-154.8882	121	3	2	2	2	0.1500	43
Fix 420	116	2002	7	3	184	0.8758	2D Fix --	62.9731	-154.8741	122	2	2	0	1	0.3850	2
Fix 432	116	2002	7	5	186	0.3758	2D Fix --	62.9533	-154.9217	122	2	2	0	1	0.0200	2
Fix 433	116	2002	7	5	186	0.5004	3D Fix	62.9533	-154.9218	129	3	2	3	2	0.0350	2
Fix 436	116	2002	7	5	186	0.8762	2D Fix --	62.9421	-154.9609	130	4	4	1	1	0.4400	2
Fix 437	116	2002	7	6	187	0.0012	2D Fix --	62.9522	-154.9995	132	0	0	0	0	0.1200	2
Fix 439	116	2002	7	6	187	0.2514	2D Fix --	62.9438	-155.0389	131	3	3	1	1	0.4050	2
Fix 441	116	2002	7	6	187	0.5008	2D Fix --	62.9547	-155.0466	132	3	2	1	1	0.1700	4
Fix 443	116	2002	7	6	187	0.7507	3D Fix	62.9642	-155.0336	118	5	2	4	3	0.2350	2
Fix 444	116	2002	7	6	187	0.8758	3D Fix	62.9731	-155.0270	119	4	3	3	3	0.4400	2

Fix 445	116	2002	7	7	188	0.0009	3D Fix	62.9734	-155.0339	119	4	3	2	2	0.3700	4
Fix 446	116	2002	7	7	188	0.1265	3D Fix	62.9780	-155.0326	111	4	2	3	1	0.3550	2
Fix 447	116	2002	7	7	188	0.2513	2D Fix --	62.9726	-155.0170	111	0	0	0	0	0.5800	21
Fix 448	116	2002	7	7	188	0.3763	2D Fix --	62.9745	-155.0168	111	0	0	0	0	0.3100	43
Fix 449	116	2002	7	7	188	0.5008	2D Fix --	62.9743	-155.0150	111	5	4	1	2	0.0100	43
Fix 450	116	2002	7	7	188	0.6260	2D Fix --	62.9718	-155.0134	111	0	0	0	0	0.6300	4
Fix 451	116	2002	7	7	188	0.7509	2D Fix --	62.9758	-155.0081	111	0	0	0	0	0.6200	32
Fix 452	116	2002	7	7	188	0.8758	2D Fix --	62.9757	-154.9451	111	0	0	0	0	0.7700	2
Fix 453	116	2002	7	8	189	0.0011	3D Fix	62.9779	-154.9255	115	3	2	2	2	0.4000	4
Fix 455	116	2002	7	8	189	0.2506	3D Fix	62.9715	-154.9383	115	6	3	5	5	0.4800	43
Fix 457	116	2002	7	8	189	0.5010	2D Fix --	62.9579	-154.9188	114	7	7	1	2	0.0100	2
Fix 459	116	2002	7	8	189	0.7521	2D Fix --	62.9673	-154.9047	115	4	4	1	2	0.1950	4
Fix 462	116	2002	7	9	190	0.1261	2D Fix --	62.9968	-154.8511	116	0	0	0	0	0.7200	10
Fix 463	116	2002	7	9	190	0.2521	2D Fix --	63.0161	-154.9168	121	0	0	0	0	0.5150	70
Fix 466	116	2002	7	9	190	0.6271	2D Fix --	63.0150	-154.9277	118	3	3	1	1	0.0900	16
Fix 468	116	2002	7	9	190	0.8761	2D Fix --	63.0146	-154.9278	118	0	0	0	0	0.1500	16
Fix 475	116	2002	7	10	191	0.7513	2D Fix --	63.0158	-154.9173	118	10	10	1	5	0.4500	70
Fix 479	116	2002	7	11	192	0.2513	2D Fix --	62.9911	-155.0453	118	7	7	0	2	0.6400	4
Fix 480	116	2002	7	11	192	0.3764	2D Fix --	62.9852	-155.0754	116	0	0	0	0	0.3150	2
Fix 481	116	2002	7	11	192	0.5008	2D Fix --	62.9835	-155.0761	118	3	2	1	1	0.1000	4
Fix 482	116	2002	7	11	192	0.6263	2D Fix --	62.9832	-155.0779	118	5	5	0	2	0.7000	32
Fix 483	116	2002	7	11	192	0.7505	3D Fix	62.9740	-155.0925	119	3	2	3	2	0.5750	4
Fix 484	116	2002	7	11	192	0.8761	2D Fix --	62.9830	-155.0429	119	3	3	1	1	0.5950	4
Fix 485	116	2002	7	12	193	0.0010	3D Fix	62.9833	-155.0293	125	7	3	6	5	0.1400	4
Fix 487	116	2002	7	12	193	0.2518	2D Fix --	62.9818	-155.0303	125	20	20	1	5	0.6300	4
Fix 489	116	2002	7	12	193	0.5008	2D Fix --	62.9715	-155.0180	125	2	2	0	1	0.1250	2
Fix 490	116	2002	7	12	193	0.6258	2D Fix --	62.9725	-155.0184	125	5	5	1	1	0.6000	21
Fix 491	116	2002	7	12	193	0.7521	2D Fix --	62.9626	-155.0255	124	7	7	1	2	0.2650	2
Fix 494	116	2002	7	13	194	0.1265	2D Fix --	62.9639	-155.0270	125	0	0	0	0	0.1500	2
Fix 495	116	2002	7	13	194	0.2511	2D Fix --	62.9680	-155.0296	125	0	0	0	0	0.4900	2
Fix 499	116	2002	7	13	194	0.7517	3D Fix	62.9800	-155.0795	126	6	3	5	4	0.1400	2
Fix 500	116	2002	7	13	194	0.8760	2D Fix --	62.9775	-155.0646	126	27	27	1	3	0.7600	4
Fix 501	116	2002	7	14	195	0.0011	2D Fix --	62.9659	-155.0576	125	11	11	1	5	0.0750	32
Fix 502	116	2002	7	14	195	0.1254	3D Fix	62.9685	-155.0604	127	5	2	5	4	0.6550	4

Fix 503	116	2002	7	14	195	0.2507	3D Fix	62.9737	-155.0852	126	7	6	4	3	0.4200	2
Fix 505	116	2002	7	14	195	0.5010	2D Fix --	62.9711	-155.0719	126	10	10	1	2	0.3500	21
Fix 506	116	2002	7	14	195	0.6263	2D Fix --	62.9655	-155.0716	125	8	8	1	3	0.6750	21
Fix 507	116	2002	7	14	195	0.7515	2D Fix --	62.9595	-155.0691	125	8	8	1	3	0.3550	61
Fix 509	116	2002	7	15	196	0.0011	2D Fix --	62.9605	-155.0657	126	0	0	0	0	0.2300	21
Fix 510	116	2002	7	15	196	0.1268	3D Fix	62.9634	-155.0578	121	5	2	5	4	0.5550	2
Fix 511	116	2002	7	15	196	0.2505	3D Fix	62.9661	-155.0740	122	6	5	4	3	0.7850	21
Fix 512	116	2002	7	15	196	0.3762	2D Fix --	62.9637	-155.0663	122	8	8	1	1	0.3150	4
Fix 514	116	2002	7	15	196	0.6271	2D Fix --	62.9643	-155.0590	122	4	4	1	1	0.7250	4
Fix 515	116	2002	7	15	196	0.7521	2D Fix --	62.9592	-155.0664	121	10	10	1	3	0.6600	21
Fix 517	116	2002	7	16	197	0.0004	3D Fix	62.9749	-155.0359	123	6	3	6	5	0.1550	2
Fix 520	116	2002	7	16	197	0.3767	2D Fix --	62.9728	-154.9984	123	0	0	0	0	0.4350	2
Fix 522	116	2002	7	16	197	0.6263	2D Fix --	62.9688	-155.0017	124	3	3	0	1	0.6450	70
Fix 523	116	2002	7	16	197	0.7507	3D Fix	62.9640	-154.9936	124	5	3	4	3	0.8200	61
Fix 524	116	2002	7	16	197	0.8760	2D Fix --	62.9631	-155.0011	124	2	2	1	1	0.7700	4
Fix 525	116	2002	7	17	198	0.0010	2D Fix --	62.9673	-155.0118	124	0	0	0	0	0.2000	21
Fix 526	116	2002	7	17	198	0.1257	3D Fix	62.9707	-155.0116	125	3	2	2	2	0.7300	4
Fix 527	116	2002	7	17	198	0.2512	2D Fix --	62.9701	-155.0159	125	0	0	0	0	0.5950	61
Fix 529	116	2002	7	17	198	0.5004	3D Fix	62.9499	-155.0421	108	5	2	5	3	0.0650	2
Fix 531	116	2002	7	17	198	0.7510	2D Fix --	62.9708	-155.0535	108	4	4	1	2	0.5950	21
Fix 533	116	2002	7	18	199	0.0021	2D Fix --	62.9800	-155.0296	109	0	0	0	0	0.7100	2
Fix 535	116	2002	7	18	199	0.2517	2D Fix --	62.9713	-155.0127	108	9	9	0	2	0.7300	4
Fix 536	116	2002	7	18	199	0.3765	2D Fix --	62.9680	-155.0142	108	5	5	1	1	0.0650	32
Fix 538	116	2002	7	18	199	0.6258	2D Fix --	62.9720	-155.0209	108	7	7	1	3	0.6350	2
Fix 540	116	2002	7	18	199	0.8765	2D Fix --	62.9658	-155.0441	108	5	5	1	1	0.7100	4
Fix 547	116	2002	7	19	200	0.7507	3D Fix	62.9713	-155.0600	109	5	3	4	3	0.0550	61
Fix 548	116	2002	7	19	200	0.8760	2D Fix --	62.9753	-155.0648	109	3	2	1	1	0.3850	32
Fix 549	116	2002	7	20	201	0.0013	2D Fix --	62.9776	-155.0793	109	0	0	0	0	0.6650	2
Fix 550	116	2002	7	20	201	0.1266	2D Fix --	62.9753	-155.0750	109	3	2	1	1	0.4800	61
Fix 551	116	2002	7	20	201	0.2508	2D Fix --	62.9769	-155.0647	109	10	10	1	3	0.6950	4
Fix 553	116	2002	7	20	201	0.5015	2D Fix --	62.9769	-155.0549	109	11	11	1	5	0.2350	4
Fix 554	116	2002	7	20	201	0.6258	2D Fix --	62.9732	-155.0277	109	7	7	0	2	0.7400	2
Fix 557	116	2002	7	21	202	0.0011	2D Fix --	62.9704	-154.9046	109	0	0	0	0	0.1350	17
Fix 558	116	2002	7	21	202	0.1264	3D Fix	62.9730	-154.8988	108	5	3	4	3	0.6950	2

Fix 562	116	2002	7	21	202	0.6261	2D Fix --	62.9708	-154.9104	109	9	9	1	3	0.7050	71
Fix 563	116	2002	7	21	202	0.7509	3D Fix	62.9584	-154.9287	110	4	3	3	2	0.8050	2
Fix 564	116	2002	7	21	202	0.8757	2D Fix --	62.9628	-154.9310	110	0	0	0	0	0.7250	2
Fix 565	116	2002	7	22	203	0.0017	2D Fix --	62.9582	-154.9274	110	5	5	1	2	0.1350	4
Fix 566	116	2002	7	22	203	0.1263	2D Fix --	62.9636	-154.9292	110	0	0	0	0	0.7050	4
Fix 568	116	2002	7	22	203	0.3764	2D Fix --	62.9704	-154.9250	110	0	0	0	0	0.3300	2
Fix 570	116	2002	7	22	203	0.6261	2D Fix --	62.9707	-154.9256	110	10	10	1	3	0.3000	4
Fix 571	116	2002	7	22	203	0.7520	2D Fix --	62.9719	-154.9248	110	3	3	0	1	0.4600	2
Fix 574	116	2002	7	23	204	0.1269	3D Fix	62.9706	-154.9223	112	5	3	4	3	0.7500	26
Fix 575	116	2002	7	23	204	0.2512	2D Fix --	62.9597	-154.9490	113	10	10	1	3	0.8450	61
Fix 577	116	2002	7	23	204	0.5008	2D Fix --	62.9643	-154.9941	113	4	4	1	2	0.4200	61
Fix 581	116	2002	7	24	205	0.0014	2D Fix --	62.9732	-155.0277	113	4	4	0	1	0.2100	2
Fix 582	116	2002	7	24	205	0.1258	3D Fix	62.9706	-155.0280	113	5	3	4	3	0.7900	2
Fix 583	116	2002	7	24	205	0.2511	2D Fix --	62.9712	-155.0143	113	2	2	0	1	0.6800	4
Fix 586	116	2002	7	24	205	0.6268	2D Fix --	62.9710	-155.0129	113	3	3	0	1	0.6050	4
Fix 587	116	2002	7	24	205	0.7508	2D Fix --	62.9754	-155.0002	113	3	3	1	1	0.7150	2
Fix 588	116	2002	7	24	205	0.8757	3D Fix	62.9793	-154.9591	113	7	3	6	5	0.7750	2
Fix 85	117	2002	5	27	147	0.0011	2D Fix --	62.8687	-155.4955	143	2	2	1	1	0.0050	5
Fix 86	117	2002	5	27	147	0.1258	2D Fix --	62.8686	-155.4955	142	2	2	1	1	0.0400	5
Fix 88	117	2002	5	27	147	0.3758	2D Fix --	62.8683	-155.5028	142	3	3	0	1	0.0900	16
Fix 90	117	2002	5	27	147	0.6258	2D Fix --	62.8677	-155.5045	142	3	3	1	1	0.0800	2
Fix 92	117	2002	5	27	147	0.8758	3D Fix	62.8501	-155.4677	141	7	5	5	5	0.0350	2
Fix 93	117	2002	5	28	148	0.0017	2D Fix --	62.8503	-155.4683	141	0	0	0	0	0.1100	21
Fix 94	117	2002	5	28	148	0.1271	2D Fix --	62.8492	-155.4718	141	2	2	1	1	0.1500	96
Fix 95	117	2002	5	28	148	0.2515	3D Fix	62.8550	-155.4790	149	5	2	5	4	0.2850	2
Fix 96	117	2002	5	28	148	0.3758	2D Fix --	62.8663	-155.5067	150	3	3	0	1	0.0150	16
Fix 97	117	2002	5	28	148	0.5015	3D Fix	62.8663	-155.5067	149	4	2	4	2	0.1250	16
Fix 99	117	2002	5	28	148	0.7517	2D Fix --	62.8674	-155.5051	148	5	5	1	1	0.0900	32
Fix 100	117	2002	5	28	148	0.8771	2D Fix --	62.8671	-155.5055	148	8	7	1	3	0.2900	2
Fix 101	117	2002	5	29	149	0.0020	3D Fix	62.8543	-155.4800	147	6	4	5	4	0.0200	2
Fix 102	117	2002	5	29	149	0.1262	3D Fix	62.8548	-155.4808	146	4	2	4	3	0.1500	5
Fix 103	117	2002	5	29	149	0.2507	2D Fix --	62.8581	-155.4669	146	0	0	0	0	0.3250	2
Fix 105	117	2002	5	29	149	0.5020	2D Fix --	62.8842	-155.4742	146	3	3	1	2	0.0250	4
Fix 107	117	2002	5	29	149	0.7521	2D Fix --	62.8886	-155.4710	146	6	6	1	3	0.1400	2

Fix 108	117	2002	5	29	149	0.8754	3D Fix	62.8745	-155.4479	132	5	3	4	3	0.0500	3
Fix 110	117	2002	5	30	150	0.1254	3D Fix	62.8674	-155.4042	150	4	2	4	3	0.1100	2
Fix 111	117	2002	5	30	150	0.2507	3D Fix	62.8628	-155.3988	150	5	3	4	4	0.2550	96
Fix 112	117	2002	5	30	150	0.3757	3D Fix	62.8615	-155.4048	149	5	2	4	3	0.0150	96
Fix 113	117	2002	5	30	150	0.5004	3D Fix	62.8614	-155.4049	127	4	2	4	2	0.0050	96
Fix 114	117	2002	5	30	150	0.6261	2D Fix --	62.8710	-155.4086	135	0	0	0	0	0.0150	5
Fix 115	117	2002	5	30	150	0.7508	2D Fix --	62.8659	-155.4003	134	1	1	0	1	0.0050	4
Fix 116	117	2002	5	30	150	0.8758	3D Fix	62.8627	-155.3954	136	6	3	5	4	0.2050	96
Fix 117	117	2002	5	31	151	0.0008	3D Fix	62.8493	-155.3928	137	6	5	4	4	0.1450	96
Fix 118	117	2002	5	31	151	0.1258	3D Fix	62.8475	-155.3880	138	4	3	3	2	0.0550	96
Fix 119	117	2002	5	31	151	0.2518	3D Fix	62.8413	-155.3895	137	6	4	4	3	0.2500	2
Fix 120	117	2002	5	31	151	0.3760	2D Fix --	62.8418	-155.4316	137	2	2	0	1	0.0450	96
Fix 121	117	2002	5	31	151	0.5010	2D Fix --	62.8418	-155.4315	137	2	2	1	1	0.0050	96
Fix 122	117	2002	5	31	151	0.6264	3D Fix	62.8408	-155.4362	157	6	3	5	4	0.4550	96
Fix 123	117	2002	5	31	151	0.7508	2D Fix --	62.8500	-155.4624	155	2	2	0	1	0.2650	2
Fix 124	117	2002	5	31	151	0.8758	2D Fix --	62.8652	-155.4494	155	5	5	0	2	0.0150	3
Fix 125	117	2002	6	1	152	0.0009	2D Fix --	62.8682	-155.4432	155	31	31	1	5	0.1350	96
Fix 126	117	2002	6	1	152	0.1258	2D Fix --	62.8669	-155.4363	155	3	3	1	1	0.1400	21
Fix 127	117	2002	6	1	152	0.2513	3D Fix	62.8696	-155.4517	153	3	2	2	1	0.1950	96
Fix 128	117	2002	6	1	152	0.3764	2D Fix --	62.8691	-155.4551	153	2	2	0	0	0.0200	96
Fix 129	117	2002	6	1	152	0.5015	2D Fix --	62.8693	-155.4555	153	8	8	1	1	0.0150	61
Fix 130	117	2002	6	1	152	0.6258	3D Fix	62.8687	-155.4631	151	5	2	4	3	0.2100	32
Fix 131	117	2002	6	1	152	0.7515	2D Fix --	62.8689	-155.5024	151	0	0	0	0	0.0900	32
Fix 134	117	2002	6	2	153	0.1258	3D Fix	62.8686	-155.5026	111	6	4	5	4	0.0150	16
Fix 135	117	2002	6	2	153	0.2519	2D Fix --	62.8676	-155.5041	110	3	3	1	1	0.2500	2
Fix 137	117	2002	6	2	153	0.5014	2D Fix --	62.8681	-155.5028	110	6	6	1	1	0.0200	16
Fix 140	117	2002	6	2	153	0.8761	2D Fix --	62.8677	-155.4628	110	3	2	1	1	0.0050	96
Fix 141	117	2002	6	3	154	0.0011	2D Fix --	62.8685	-155.4624	110	3	3	1	2	0.1800	96
Fix 142	117	2002	6	3	154	0.1254	3D Fix	62.8690	-155.4551	143	7	3	6	5	0.1400	21
Fix 143	117	2002	6	3	154	0.2510	3D Fix	62.8656	-155.4241	145	5	2	4	3	0.3050	2
Fix 144	117	2002	6	3	154	0.3758	3D Fix	62.8614	-155.4050	144	4	2	3	2	0.0100	96
Fix 145	117	2002	6	3	154	0.5007	3D Fix	62.8614	-155.4048	143	4	3	3	2	0.0050	96
Fix 146	117	2002	6	3	154	0.6254	3D Fix	62.8614	-155.4049	127	4	2	4	3	0.0000	96
Fix 147	117	2002	6	3	154	0.7518	2D Fix --	62.8627	-155.3995	128	9	9	1	4	0.0850	96

Fix 148	117	2002	6	3	154	0.8756	3D Fix	62.8594	-155.3934	131	5	2	5	4	0.3600	96
Fix 150	117	2002	6	4	155	0.1260	2D Fix --	62.8429	-155.3881	131	0	0	0	0	0.0850	5
Fix 151	117	2002	6	4	155	0.2508	2D Fix --	62.8480	-155.3936	131	6	6	0	3	0.4150	96
Fix 152	117	2002	6	4	155	0.3754	3D Fix	62.8595	-155.3764	127	4	3	4	3	0.0500	96
Fix 154	117	2002	6	4	155	0.6254	3D Fix	62.8597	-155.3763	142	5	2	5	4	0.0350	96
Fix 155	117	2002	6	4	155	0.7518	3D Fix	62.8590	-155.3692	143	7	4	5	4	0.4050	4
Fix 156	117	2002	6	4	155	0.8756	3D Fix	62.8403	-155.3920	142	5	2	5	4	0.2400	3
Fix 157	117	2002	6	5	156	0.0011	2D Fix --	62.8274	-155.3695	142	5	5	1	1	0.3450	2
Fix 158	117	2002	6	5	156	0.1266	2D Fix --	62.8280	-155.3588	142	1	1	0	0	0.1400	2
Fix 159	117	2002	6	5	156	0.2510	3D Fix	62.8339	-155.3569	143	4	3	3	3	0.1950	4
Fix 160	117	2002	6	5	156	0.3763	2D Fix --	62.8329	-155.3508	143	4	4	0	2	0.0350	4
Fix 161	117	2002	6	5	156	0.5008	2D Fix --	62.8328	-155.3513	143	2	2	1	1	0.0250	4
Fix 162	117	2002	6	5	156	0.6262	2D Fix --	62.8327	-155.3519	143	3	3	1	1	0.2950	32
Fix 163	117	2002	6	5	156	0.7518	2D Fix --	62.8375	-155.3850	143	7	7	1	3	0.1850	5
Fix 164	117	2002	6	5	156	0.8771	2D Fix --	62.8430	-155.3985	144	0	0	0	0	0.3350	96
Fix 165	117	2002	6	6	157	0.0013	2D Fix --	62.8565	-155.3976	143	4	4	1	1	0.0350	96
Fix 166	117	2002	6	6	157	0.1263	3D Fix	62.8588	-155.3891	163	7	4	5	5	0.2100	96
Fix 167	117	2002	6	6	157	0.2511	3D Fix	62.8625	-155.3931	127	5	2	4	3	0.3550	96
Fix 168	117	2002	6	6	157	0.3771	2D Fix --	62.8634	-155.4109	127	2	2	1	1	0.0650	96
Fix 169	117	2002	6	6	157	0.5010	2D Fix --	62.8631	-155.4152	127	2	2	1	1	0.0650	96
Fix 170	117	2002	6	6	157	0.6257	3D Fix	62.8632	-155.4156	125	5	3	4	3	0.0200	96
Fix 171	117	2002	6	6	157	0.7518	2D Fix --	62.8574	-155.4173	124	5	5	0	1	0.2850	96
Fix 172	117	2002	6	6	157	0.8759	2D Fix --	62.8370	-155.4326	122	0	0	0	0	0.3800	96
Fix 173	117	2002	6	7	158	0.0021	2D Fix --	62.8294	-155.4065	124	4	4	1	2	0.3300	96
Fix 174	117	2002	6	7	158	0.1263	2D Fix --	62.8364	-155.3990	125	0	0	0	0	0.1600	96
Fix 175	117	2002	6	7	158	0.2510	3D Fix	62.8363	-155.4003	152	5	2	4	3	0.1050	96
Fix 176	117	2002	6	7	158	0.3758	2D Fix --	62.8312	-155.4395	152	10	10	1	2	0.3850	96
Fix 177	117	2002	6	7	158	0.5011	3D Fix	62.8323	-155.4459	148	7	5	5	3	0.2800	96
Fix 178	117	2002	6	7	158	0.6261	2D Fix --	62.8358	-155.4424	148	2	2	1	1	0.0100	96
Fix 179	117	2002	6	7	158	0.7510	3D Fix	62.8358	-155.4369	149	5	4	4	3	0.4400	96
Fix 180	117	2002	6	7	158	0.8756	3D Fix	62.8217	-155.4172	149	6	3	5	4	0.4450	4
Fix 181	117	2002	6	8	159	0.0011	2D Fix --	62.8075	-155.4576	149	2	2	0	1	0.2800	96
Fix 182	117	2002	6	8	159	0.1267	2D Fix --	62.8303	-155.4451	150	5	5	1	2	0.2250	96
Fix 183	117	2002	6	8	159	0.2521	2D Fix --	62.8344	-155.4146	150	2	2	1	1	0.3000	96

Fix 184	117	2002	6	8	159	0.3758	2D Fix --	62.8566	-155.3720	150	2	2	0	1	0.0050	96
Fix 185	117	2002	6	8	159	0.5010	2D Fix --	62.8566	-155.3719	149	2	2	0	1	0.0100	96
Fix 187	117	2002	6	8	159	0.7508	3D Fix	62.8554	-155.3805	149	5	3	4	3	0.3400	96
Fix 190	117	2002	6	9	160	0.1257	2D Fix --	62.8444	-155.3625	148	0	0	0	0	0.1450	96
Fix 191	117	2002	6	9	160	0.2521	2D Fix --	62.8456	-155.3595	149	3	3	1	1	0.4000	96
Fix 192	117	2002	6	9	160	0.3758	2D Fix --	62.8623	-155.3762	149	11	11	1	2	0.3550	96
Fix 193	117	2002	6	9	160	0.5011	3D Fix	62.8610	-155.3808	151	6	2	5	4	0.1700	96
Fix 194	117	2002	6	9	160	0.6264	3D Fix	62.8646	-155.4036	146	4	2	3	2	0.0600	5
Fix 195	117	2002	6	9	160	0.7506	2D Fix --	62.8646	-155.4036	146	0	0	0	0	0.0350	5
Fix 196	117	2002	6	9	160	0.8771	2D Fix --	62.8609	-155.4109	145	0	0	0	0	0.3550	96
Fix 198	117	2002	6	10	161	0.1270	3D Fix	62.8459	-155.3918	159	4	3	3	2	0.3050	96
Fix 199	117	2002	6	10	161	0.2511	2D Fix --	62.8613	-155.3814	159	7	7	1	3	0.1750	96
Fix 200	117	2002	6	10	161	0.3758	2D Fix --	62.8638	-155.3741	159	7	7	0	2	0.4300	2
Fix 201	117	2002	6	10	161	0.5007	3D Fix	62.8628	-155.4001	156	5	2	4	3	0.0450	96
Fix 203	117	2002	6	10	161	0.7510	2D Fix --	62.8641	-155.3862	156	8	8	1	3	0.3350	21
Fix 204	117	2002	6	10	161	0.8764	2D Fix --	62.8430	-155.3795	155	4	4	1	2	0.0250	5
Fix 205	117	2002	6	11	162	0.0017	2D Fix --	62.8465	-155.3728	156	0	0	0	0	0.2950	32
Fix 206	117	2002	6	11	162	0.1271	2D Fix --	62.8506	-155.3274	156	5	4	1	2	0.5200	3
Fix 207	117	2002	6	11	162	0.2514	2D Fix --	62.8646	-155.3856	156	4	4	1	1	0.3750	13
Fix 209	117	2002	6	11	162	0.5010	2D Fix --	62.8646	-155.4172	156	3	3	1	1	0.0350	96
Fix 211	117	2002	6	11	162	0.7508	2D Fix --	62.8506	-155.4099	155	4	4	0	2	0.2950	96
Fix 212	117	2002	6	11	162	0.8758	3D Fix	62.8316	-155.4082	155	5	2	4	4	0.2200	96
Fix 213	117	2002	6	12	163	0.0014	2D Fix --	62.8338	-155.4133	155	7	7	1	3	0.3750	96
Fix 214	117	2002	6	12	163	0.1255	3D Fix	62.8363	-155.4457	155	3	2	3	2	0.3500	96
Fix 216	117	2002	6	12	163	0.3761	2D Fix --	62.8579	-155.4709	156	5	5	0	1	0.0950	96
Fix 219	117	2002	6	12	163	0.7504	3D Fix	62.8634	-155.4650	126	4	2	3	2	0.2700	96
Fix 220	117	2002	6	12	163	0.8759	2D Fix --	62.8685	-155.4718	126	3	3	1	1	0.0300	2
Fix 221	117	2002	6	13	164	0.0014	3D Fix	62.8832	-155.4734	129	5	2	5	3	0.6300	2
Fix 222	117	2002	6	13	164	0.1256	3D Fix	62.8702	-155.4525	129	3	2	2	2	0.0600	2
Fix 223	117	2002	6	13	164	0.2508	2D Fix --	62.8639	-155.4319	129	0	0	0	0	0.3400	32
Fix 224	117	2002	6	13	164	0.3763	2D Fix --	62.8536	-155.4141	129	5	5	0	1	0.3750	4
Fix 226	117	2002	6	13	164	0.6256	3D Fix	62.8534	-155.3927	131	3	1	3	2	0.1400	96
Fix 227	117	2002	6	13	164	0.7517	2D Fix --	62.8536	-155.3756	131	5	5	1	3	0.0100	96
Fix 228	117	2002	6	13	164	0.8761	2D Fix --	62.8511	-155.3830	131	0	0	0	0	0.2800	96

Fix 229	117	2002	6	14	165	0.0006	3D Fix	62.8548	-155.3729	132	6	3	5	4	0.1150	96
Fix 230	117	2002	6	14	165	0.1254	3D Fix	62.8550	-155.3666	153	3	3	2	2	0.2950	96
Fix 231	117	2002	6	14	165	0.2508	2D Fix --	62.8499	-155.3747	153	0	0	0	0	0.1750	96
Fix 232	117	2002	6	14	165	0.3764	2D Fix --	62.8553	-155.3795	153	2	2	0	1	0.2900	96
Fix 234	117	2002	6	14	165	0.6261	2D Fix --	62.8587	-155.3822	153	4	3	1	1	0.0950	96
Fix 235	117	2002	6	14	165	0.7510	2D Fix --	62.8548	-155.3960	153	3	3	0	1	0.0400	96
Fix 236	117	2002	6	14	165	0.8761	2D Fix --	62.8535	-155.3928	153	0	0	0	0	0.2600	96
Fix 237	117	2002	6	15	166	0.0011	2D Fix --	62.8483	-155.3899	153	3	3	1	2	0.0250	96
Fix 238	117	2002	6	15	166	0.1258	2D Fix --	62.8486	-155.3909	153	2	2	1	1	0.1050	96
Fix 239	117	2002	6	15	166	0.2509	2D Fix --	62.8500	-155.3942	153	9	8	1	2	0.3350	96
Fix 240	117	2002	6	15	166	0.3763	2D Fix --	62.8569	-155.3801	153	0	0	0	0	0.3100	96
Fix 241	117	2002	6	15	166	0.5006	3D Fix	62.8540	-155.3750	152	5	2	4	3	0.0050	4
Fix 242	117	2002	6	15	166	0.6258	2D Fix --	62.8542	-155.3752	151	6	5	1	4	0.2400	4
Fix 243	117	2002	6	15	166	0.7514	2D Fix --	62.8622	-155.3810	151	32	32	1	8	0.2450	96
Fix 246	117	2002	6	16	167	0.1258	2D Fix --	62.8581	-155.3904	151	2	2	0	1	0.1950	96
Fix 248	117	2002	6	16	167	0.3761	2D Fix --	62.8421	-155.4326	151	5	5	0	3	0.0100	96
Fix 249	117	2002	6	16	167	0.5008	3D Fix	62.8421	-155.4327	150	3	1	3	2	0.0050	96
Fix 251	117	2002	6	16	167	0.7514	3D Fix	62.8406	-155.4332	151	4	3	3	3	0.2800	96
Fix 252	117	2002	6	16	167	0.8763	2D Fix --	62.8382	-155.4578	151	3	3	1	1	0.4250	96
Fix 253	117	2002	6	17	168	0.0005	3D Fix	62.8412	-155.4672	125	5	2	5	3	0.0000	96
Fix 254	117	2002	6	17	168	0.1258	2D Fix --	62.8412	-155.4669	126	3	3	1	2	0.0300	96
Fix 258	117	2002	6	17	168	0.6267	2D Fix --	62.8371	-155.3482	128	8	8	1	3	0.4850	2
Fix 259	117	2002	6	17	168	0.7511	2D Fix --	62.8552	-155.3654	128	5	5	0	1	0.2500	96
Fix 260	117	2002	6	17	168	0.8758	3D Fix	62.8548	-155.3729	128	4	2	4	3	0.0350	96
Fix 262	117	2002	6	18	169	0.1266	2D Fix --	62.8575	-155.3793	129	3	3	0	1	0.1900	21
Fix 264	117	2002	6	18	169	0.3755	3D Fix	62.8500	-155.3805	130	3	2	2	1	0.2600	96
Fix 265	117	2002	6	18	169	0.5021	2D Fix --	62.8501	-155.3858	133	4	4	1	1	0.1800	96
Fix 266	117	2002	6	18	169	0.6258	3D Fix	62.8541	-155.3868	134	7	7	0	3	0.3850	96
Fix 267	117	2002	6	18	169	0.7513	2D Fix --	62.8524	-155.3907	134	3	3	0	0	0.1700	96
Fix 268	117	2002	6	18	169	0.8762	2D Fix --	62.8514	-155.3919	134	4	4	1	2	0.0300	96
Fix 269	117	2002	6	19	170	0.0005	3D Fix	62.8515	-155.3920	136	5	2	4	3	0.0050	96
Fix 270	117	2002	6	19	170	0.1254	3D Fix	62.8515	-155.3918	139	7	3	6	5	0.1100	96
Fix 271	117	2002	6	19	170	0.2521	2D Fix --	62.8484	-155.3684	139	0	0	0	0	0.3250	96
Fix 272	117	2002	6	19	170	0.3758	2D Fix --	62.8531	-155.3780	139	7	7	0	2	0.0250	96

Fix 273	117	2002	6	19	170	0.5011	2D Fix --	62.8585	-155.3797	139	0	0	0	0	0.3550	96
Fix 274	117	2002	6	19	170	0.6261	3D Fix	62.8612	-155.3805	141	16	16	1	4	0.4050	96
Fix 275	117	2002	6	19	170	0.7510	2D Fix --	62.8485	-155.3919	142	4	4	0	1	0.0250	96
Fix 278	117	2002	6	20	171	0.1261	3D Fix	62.8511	-155.3838	143	4	3	3	2	0.0200	96
Fix 279	117	2002	6	20	171	0.2508	2D Fix --	62.8490	-155.3847	143	0	0	0	0	0.3300	96
Fix 282	117	2002	6	20	171	0.6258	3D Fix	62.8577	-155.3825	146	4	3	3	2	0.3050	96
Fix 284	117	2002	6	20	171	0.8767	2D Fix --	62.8544	-155.3657	148	3	3	1	1	0.4200	96
Fix 285	117	2002	6	21	172	0.0007	3D Fix	62.8610	-155.4052	148	2	1	2	1	0.0100	96
Fix 286	117	2002	6	21	172	0.1271	2D Fix --	62.8610	-155.4051	148	3	3	0	1	0.0400	96
Fix 287	117	2002	6	21	172	0.2508	2D Fix --	62.8474	-155.3936	147	0	0	0	0	0.3100	96
Fix 288	117	2002	6	21	172	0.3764	2D Fix --	62.8489	-155.3823	148	0	0	0	0	0.2250	96
Fix 289	117	2002	6	21	172	0.5021	2D Fix --	62.8528	-155.3775	148	7	7	1	2	0.1600	96
Fix 290	117	2002	6	21	172	0.6268	2D Fix --	62.8585	-155.3705	148	0	0	0	0	0.4800	2
Fix 291	117	2002	6	21	172	0.7508	2D Fix --	62.8626	-155.4004	148	2	2	0	1	0.5700	96
Fix 292	117	2002	6	21	172	0.8765	3D Fix	62.8663	-155.4849	147	5	4	3	3	0.5500	2
Fix 293	117	2002	6	22	173	0.0008	3D Fix	62.8408	-155.4751	144	4	2	3	2	0.0100	16
Fix 295	117	2002	6	22	173	0.2518	2D Fix --	62.8358	-155.4733	144	6	6	1	1	0.3900	96
Fix 297	117	2002	6	22	173	0.5004	3D Fix	62.8627	-155.4055	143	7	3	6	4	0.0250	96
Fix 298	117	2002	6	22	173	0.6258	3D Fix	62.8624	-155.4048	142	3	2	2	2	0.0150	96
Fix 299	117	2002	6	22	173	0.7508	2D Fix --	62.8624	-155.4041	142	3	3	0	1	0.1000	96
Fix 300	117	2002	6	22	173	0.8760	2D Fix --	62.8612	-155.4038	142	0	0	0	0	0.0400	96
Fix 301	117	2002	6	23	174	0.0007	3D Fix	62.8612	-155.4048	140	6	4	4	3	0.0200	96
Fix 302	117	2002	6	23	174	0.1261	3D Fix	62.8627	-155.4038	137	5	2	5	4	0.1050	96
Fix 303	117	2002	6	23	174	0.2507	3D Fix	62.8631	-155.3979	137	3	1	2	2	0.2850	96
Fix 305	117	2002	6	23	174	0.5004	3D Fix	62.8624	-155.3917	141	4	2	4	3	0.4950	96
Fix 306	117	2002	6	23	174	0.6258	2D Fix --	62.8643	-155.4010	141	3	3	1	2	0.0550	4
Fix 307	117	2002	6	23	174	0.7508	2D Fix --	62.8648	-155.4046	140	2	2	0	1	0.1800	21
Fix 308	117	2002	6	23	174	0.8761	3D Fix	62.8502	-155.3946	140	6	4	5	3	0.2250	96
Fix 309	117	2002	6	24	175	0.0021	2D Fix --	62.8514	-155.3933	140	4	4	1	2	0.2150	96
Fix 311	117	2002	6	24	175	0.2508	2D Fix --	62.8532	-155.3778	140	2	2	0	1	0.0600	96
Fix 312	117	2002	6	24	175	0.3755	2D Fix --	62.8566	-155.3732	140	0	0	0	0	0.1400	96
Fix 313	117	2002	6	24	175	0.5005	3D Fix	62.8565	-155.3731	140	3	2	3	2	0.1950	96
Fix 314	117	2002	6	24	175	0.6261	3D Fix	62.8537	-155.3838	141	4	2	3	2	0.1850	96
Fix 315	117	2002	6	24	175	0.7508	2D Fix --	62.8586	-155.3892	141	2	2	0	1	0.3650	96

Fix 316	117	2002	6	24	175	0.8761	3D Fix	62.8611	-155.3862	142	6	6	2	3	0.0650	96
Fix 318	117	2002	6	25	176	0.1261	3D Fix	62.8618	-155.3835	142	5	3	4	4	0.3350	96
Fix 319	117	2002	6	25	176	0.2508	3D Fix	62.8620	-155.3804	142	3	2	3	2	0.2350	96
Fix 320	117	2002	6	25	176	0.3758	2D Fix --	62.8601	-155.3763	143	4	4	0	2	0.0100	96
Fix 322	117	2002	6	25	176	0.6266	3D Fix	62.8613	-155.3758	144	5	4	4	4	0.4250	96
Fix 323	117	2002	6	25	176	0.7511	2D Fix --	62.8553	-155.3755	144	4	4	1	1	0.2150	96
Fix 324	117	2002	6	25	176	0.8762	3D Fix	62.8574	-155.3659	147	6	4	5	4	0.2250	96
Fix 326	117	2002	6	26	177	0.1257	2D Fix --	62.8478	-155.3644	145	0	0	0	0	0.3500	96
Fix 327	117	2002	6	26	177	0.2511	2D Fix --	62.8475	-155.3617	148	2	2	0	1	0.4150	96
Fix 328	117	2002	6	26	177	0.3759	2D Fix --	62.8449	-155.3708	148	0	0	0	0	0.0400	2
Fix 331	117	2002	6	26	177	0.7514	2D Fix --	62.8450	-155.3709	148	0	0	0	0	0.0250	2
Fix 332	117	2002	6	26	177	0.8769	3D Fix	62.8482	-155.3602	150	7	5	4	5	0.1750	96
Fix 333	117	2002	6	27	178	0.0006	3D Fix	62.8488	-155.3638	151	4	3	3	2	0.0500	96
Fix 334	117	2002	6	27	178	0.1258	2D Fix --	62.8491	-155.3670	151	12	12	1	3	0.2100	96
Fix 335	117	2002	6	27	178	0.2515	2D Fix --	62.8573	-155.3694	151	3	2	1	1	0.2400	4
Fix 336	117	2002	6	27	178	0.3758	2D Fix --	62.8569	-155.3754	151	8	8	0	5	0.0050	96
Fix 337	117	2002	6	27	178	0.5004	3D Fix	62.8570	-155.3753	150	5	2	4	4	0.0050	96
Fix 338	117	2002	6	27	178	0.6262	2D Fix --	62.8564	-155.3781	148	0	0	0	0	0.2500	96
Fix 339	117	2002	6	27	178	0.7514	2D Fix --	62.8519	-155.3821	148	4	4	1	1	0.2900	96
Fix 340	117	2002	6	27	178	0.8764	2D Fix --	62.8542	-155.3735	148	0	0	0	0	0.1950	96
Fix 341	117	2002	6	28	179	0.0006	3D Fix	62.8579	-155.3763	148	3	2	3	2	0.2150	96
Fix 342	117	2002	6	28	179	0.1259	2D Fix --	62.8552	-155.3836	148	0	0	0	0	0.2500	96
Fix 343	117	2002	6	28	179	0.2511	2D Fix --	62.8541	-155.3867	148	22	22	1	17	0.3850	96
Fix 344	117	2002	6	28	179	0.3757	3D Fix	62.8641	-155.4009	148	6	2	6	4	0.0300	2
Fix 346	117	2002	6	28	179	0.6254	3D Fix	62.8647	-155.4042	137	3	2	2	2	0.3650	96
Fix 347	117	2002	6	28	179	0.7513	2D Fix --	62.8522	-155.3921	136	17	17	1	1	0.2500	96
Fix 348	117	2002	6	28	179	0.8765	2D Fix --	62.8556	-155.3816	138	0	0	0	0	0.1700	96
Fix 349	117	2002	6	29	180	0.0013	2D Fix --	62.8579	-155.3764	137	3	3	1	1	0.1100	96
Fix 350	117	2002	6	29	180	0.1266	3D Fix	62.8582	-155.3894	140	3	2	2	2	0.2600	96
Fix 351	117	2002	6	29	180	0.2515	2D Fix --	62.8584	-155.3762	140	3	3	0	2	0.3450	96
Fix 352	117	2002	6	29	180	0.3759	2D Fix --	62.8540	-155.3780	140	0	0	0	0	0.3050	96
Fix 353	117	2002	6	29	180	0.5008	2D Fix --	62.8505	-155.3884	140	2	2	0	1	0.0050	96
Fix 354	117	2002	6	29	180	0.6258	3D Fix	62.8526	-155.3899	141	4	3	3	2	0.2850	96
Fix 355	117	2002	6	29	180	0.7511	3D Fix	62.8475	-155.3763	142	5	3	4	3	0.2950	96

Fix 356	117	2002	6	29	180	0.8769	2D Fix --	62.8484	-155.3726	143	0	0	0	0	0.1050	96
Fix 359	117	2002	6	30	181	0.2513	2D Fix --	62.8568	-155.3752	143	2	2	0	1	0.2100	96
Fix 360	117	2002	6	30	181	0.3756	3D Fix	62.8599	-155.3764	144	4	2	4	3	0.1250	96
Fix 361	117	2002	6	30	181	0.5006	2D Fix --	62.8607	-155.3739	144	0	0	0	0	0.0800	2
Fix 363	117	2002	6	30	181	0.7511	2D Fix --	62.8487	-155.3908	143	0	0	0	0	0.3200	96
Fix 364	117	2002	6	30	181	0.8760	3D Fix	62.8452	-155.4307	133	4	2	4	2	0.2300	96
Fix 365	117	2002	7	1	182	0.0021	3D Fix	62.8425	-155.4330	143	3	2	3	2	0.0150	96
Fix 367	117	2002	7	1	182	0.2514	2D Fix --	62.8529	-155.4278	143	3	3	0	1	0.3600	96
Fix 368	117	2002	7	1	182	0.3754	3D Fix	62.8647	-155.4204	128	3	2	3	2	0.0800	96
Fix 369	117	2002	7	1	182	0.5005	3D Fix	62.8645	-155.4200	130	7	5	5	3	0.0500	96
Fix 370	117	2002	7	1	182	0.6267	3D Fix	62.8649	-155.4269	132	6	2	6	3	0.3200	96
Fix 371	117	2002	7	1	182	0.7510	2D Fix --	62.8580	-155.3890	132	5	5	0	1	0.3200	96
Fix 372	117	2002	7	1	182	0.8765	2D Fix --	62.8509	-155.3880	132	3	3	1	1	0.1350	96
Fix 374	117	2002	7	2	183	0.1262	2D Fix --	62.8528	-155.3806	133	0	0	0	0	0.1700	96
Fix 375	117	2002	7	2	183	0.2520	2D Fix --	62.8570	-155.3776	133	2	2	0	1	0.1850	96
Fix 377	117	2002	7	2	183	0.5019	2D Fix --	62.8557	-155.3733	133	23	23	1	5	0.0150	96
Fix 378	117	2002	7	2	183	0.6271	2D Fix --	62.8536	-155.3727	132	3	3	1	1	0.3400	96
Fix 379	117	2002	7	2	183	0.7513	2D Fix --	62.8466	-155.3654	132	5	5	1	1	0.3000	96
Fix 380	117	2002	7	2	183	0.8760	2D Fix --	62.8468	-155.3653	133	2	2	1	1	0.2600	96
Fix 383	117	2002	7	3	184	0.2513	2D Fix --	62.8361	-155.4394	132	3	3	0	1	0.3350	96
Fix 385	117	2002	7	3	184	0.5009	3D Fix	62.8464	-155.4252	134	3	2	3	2	0.0250	96
Fix 386	117	2002	7	3	184	0.6270	2D Fix --	62.8462	-155.4309	134	0	0	0	0	0.2550	96
Fix 388	117	2002	7	3	184	0.8767	2D Fix --	62.8488	-155.3878	134	4	4	1	1	0.1500	96
Fix 389	117	2002	7	4	185	0.0008	2D Fix --	62.8506	-155.3905	134	3	2	1	1	0.0600	96
Fix 390	117	2002	7	4	185	0.1266	2D Fix --	62.8571	-155.3877	134	0	0	0	0	0.3650	96
Fix 391	117	2002	7	4	185	0.2508	2D Fix --	62.8619	-155.3805	134	2	2	0	1	0.2700	96
Fix 392	117	2002	7	4	185	0.3762	2D Fix --	62.8616	-155.3825	134	42	42	1	19	0.0650	96
Fix 393	117	2002	7	4	185	0.5011	2D Fix --	62.8620	-155.3805	134	4	4	1	2	0.0000	96
Fix 394	117	2002	7	4	185	0.6258	2D Fix --	62.8619	-155.3805	134	4	4	1	2	0.0400	96
Fix 395	117	2002	7	4	185	0.7513	3D Fix	62.8572	-155.3866	135	4	2	4	3	0.3100	96
Fix 396	117	2002	7	4	185	0.8763	2D Fix --	62.8479	-155.3732	134	2	2	1	1	0.0750	96
Fix 397	117	2002	7	5	186	0.0017	3D Fix	62.8488	-155.3725	136	4	2	3	2	0.0350	96
Fix 398	117	2002	7	5	186	0.1262	2D Fix --	62.8469	-155.3729	137	0	0	0	0	0.2150	96
Fix 399	117	2002	7	5	186	0.2515	2D Fix --	62.8522	-155.3834	138	3	3	1	1	0.2400	96

Fix 400	117	2002	7	5	186	0.3758	2D Fix --	62.8573	-155.3768	138	4	4	1	3	0.0750	96
Fix 401	117	2002	7	5	186	0.5004	3D Fix	62.8574	-155.3771	139	4	4	2	3	0.0150	96
Fix 402	117	2002	7	5	186	0.6269	2D Fix --	62.8554	-155.3941	141	0	0	0	0	0.3250	96
Fix 403	117	2002	7	5	186	0.7508	3D Fix	62.8485	-155.4383	158	7	3	6	5	0.3650	96
Fix 404	117	2002	7	5	186	0.8767	2D Fix --	62.8437	-155.4674	158	2	2	1	1	0.1750	96
Fix 405	117	2002	7	6	187	0.0010	2D Fix --	62.8412	-155.4751	158	3	2	1	2	0.1300	2
Fix 406	117	2002	7	6	187	0.1267	3D Fix	62.8369	-155.4768	133	5	3	4	2	0.2150	96
Fix 407	117	2002	7	6	187	0.2517	2D Fix --	62.8511	-155.4678	133	3	3	0	1	0.4550	3
Fix 409	117	2002	7	6	187	0.5012	3D Fix	62.8695	-155.4579	133	3	1	2	2	0.0250	96
Fix 410	117	2002	7	6	187	0.6254	3D Fix	62.8694	-155.4578	131	4	3	3	3	0.0150	4
Fix 411	117	2002	7	6	187	0.7511	2D Fix --	62.8705	-155.4815	131	9	9	0	2	0.4950	2
Fix 412	117	2002	7	6	187	0.8771	2D Fix --	62.8399	-155.4811	128	0	0	0	0	0.2850	96
Fix 413	117	2002	7	7	188	0.0015	3D Fix	62.8312	-155.4527	132	3	2	2	2	0.2200	96
Fix 414	117	2002	7	7	188	0.1264	2D Fix --	62.8615	-155.4226	133	5	5	1	3	0.1450	96
Fix 415	117	2002	7	7	188	0.2508	3D Fix	62.8645	-155.4223	116	3	2	3	2	0.1600	96
Fix 416	117	2002	7	7	188	0.3761	3D Fix	62.8640	-155.4208	120	7	4	6	5	0.0400	96
Fix 418	117	2002	7	7	188	0.6254	3D Fix	62.8641	-155.4208	125	5	2	5	3	0.0400	96
Fix 419	117	2002	7	7	188	0.7505	3D Fix	62.8540	-155.4349	126	7	2	6	4	0.2500	96
Fix 420	117	2002	7	7	188	0.8765	3D Fix	62.8539	-155.4531	127	3	2	2	2	0.3700	96
Fix 421	117	2002	7	8	189	0.0004	3D Fix	62.8656	-155.4358	131	6	3	4	3	0.1100	96
Fix 422	117	2002	7	8	189	0.1257	3D Fix	62.8535	-155.4436	130	4	2	3	2	0.3200	96
Fix 423	117	2002	7	8	189	0.2504	3D Fix	62.8456	-155.4687	104	6	3	6	5	0.3250	96
Fix 426	117	2002	7	8	189	0.6261	2D Fix --	62.8376	-155.4718	108	6	6	1	3	0.3300	96
Fix 427	117	2002	7	8	189	0.7504	3D Fix	62.8277	-155.4598	148	7	4	5	5	0.5400	96
Fix 428	117	2002	7	8	189	0.8763	2D Fix --	62.8242	-155.4174	148	7	7	1	1	0.3800	96
Fix 430	117	2002	7	9	190	0.1271	2D Fix --	62.8429	-155.4035	150	3	3	1	1	0.4100	96
Fix 431	117	2002	7	9	190	0.2508	3D Fix	62.8568	-155.3753	148	3	2	2	2	0.0650	96
Fix 432	117	2002	7	9	190	0.3771	2D Fix --	62.8577	-155.3767	148	7	7	1	2	0.0100	96
Fix 433	117	2002	7	9	190	0.5004	3D Fix	62.8574	-155.3765	169	7	5	4	5	0.0150	96
Fix 434	117	2002	7	9	190	0.6254	3D Fix	62.8577	-155.3768	164	7	3	6	5	0.1200	96
Fix 435	117	2002	7	9	190	0.7508	3D Fix	62.8556	-155.3566	163	7	4	5	5	0.3400	2
Fix 436	117	2002	7	9	190	0.8758	2D Fix --	62.8457	-155.3653	163	3	2	1	1	0.0150	96
Fix 438	117	2002	7	10	191	0.1257	3D Fix	62.8311	-155.3084	161	6	4	5	3	0.2900	2
Fix 439	117	2002	7	10	191	0.2508	3D Fix	62.8239	-155.3540	158	6	3	5	3	0.2750	70

Fix 442	117	2002	7	10	191	0.6260	2D Fix --	62.8309	-155.3496	158	11	11	1	6	0.2250	2
Fix 443	117	2002	7	10	191	0.7511	3D Fix	62.8330	-155.3237	150	7	5	5	4	0.2150	3
Fix 445	117	2002	7	11	192	0.0019	2D Fix --	62.8297	-155.3229	152	3	2	1	2	0.0800	5
Fix 447	117	2002	7	11	192	0.2508	3D Fix	62.8203	-155.3029	151	6	4	4	3	0.3200	2
Fix 448	117	2002	7	11	192	0.3766	3D Fix	62.8137	-155.3019	151	4	2	4	3	0.0300	2
Fix 450	117	2002	7	11	192	0.6264	2D Fix --	62.8112	-155.3081	151	5	5	0	2	0.2650	2
Fix 451	117	2002	7	11	192	0.7508	2D Fix --	62.8177	-155.3172	151	2	2	0	1	0.3400	70
Fix 452	117	2002	7	11	192	0.8762	2D Fix --	62.8187	-155.3023	151	0	0	0	0	0.1550	2
Fix 454	117	2002	7	12	193	0.1261	3D Fix	62.8015	-155.3065	152	7	5	5	3	0.3400	4
Fix 455	117	2002	7	12	193	0.2510	2D Fix --	62.8131	-155.2976	152	4	4	0	1	0.0400	2
Fix 456	117	2002	7	12	193	0.3765	2D Fix --	62.8127	-155.2968	152	3	3	1	2	0.0650	3
Fix 457	117	2002	7	12	193	0.5008	3D Fix	62.8134	-155.2972	150	6	4	4	4	0.0350	2
Fix 458	117	2002	7	12	193	0.6263	2D Fix --	62.8135	-155.2943	150	2	2	0	1	0.4550	2
Fix 459	117	2002	7	12	193	0.7510	3D Fix	62.8291	-155.3142	150	7	5	4	4	0.2600	3
Fix 460	117	2002	7	12	193	0.8771	3D Fix	62.8277	-155.3309	150	5	2	4	3	0.1000	2
Fix 461	117	2002	7	13	194	0.0017	3D Fix	62.8275	-155.3312	166	7	3	6	5	0.2750	2
Fix 462	117	2002	7	13	194	0.1271	2D Fix --	62.8196	-155.3101	166	13	13	1	6	0.3400	2
Fix 463	117	2002	7	13	194	0.2508	3D Fix	62.8305	-155.3159	166	7	5	4	3	0.4250	43
Fix 464	117	2002	7	13	194	0.3758	3D Fix	62.8384	-155.3411	149	5	2	4	3	0.0400	2
Fix 465	117	2002	7	13	194	0.5021	2D Fix --	62.8383	-155.3412	149	3	3	1	1	0.0350	3
Fix 467	117	2002	7	13	194	0.7517	2D Fix --	62.8282	-155.3239	149	6	6	1	2	0.2950	43
Fix 468	117	2002	7	13	194	0.8763	2D Fix --	62.8236	-155.3196	148	0	0	0	0	0.0950	32
Fix 469	117	2002	7	14	195	0.0017	2D Fix --	62.8195	-155.3149	149	11	11	1	4	0.3750	2
Fix 470	117	2002	7	14	195	0.1270	3D Fix	62.8093	-155.2710	149	5	3	4	3	0.4750	2
Fix 471	117	2002	7	14	195	0.2512	3D Fix	62.8027	-155.2740	149	7	6	4	3	0.5000	2
Fix 472	117	2002	7	14	195	0.3763	2D Fix --	62.8117	-155.2793	149	11	11	1	1	0.0350	43
Fix 473	117	2002	7	14	195	0.5006	3D Fix	62.8118	-155.2794	151	6	3	6	4	0.0200	43
Fix 474	117	2002	7	14	195	0.6261	2D Fix --	62.8094	-155.2821	151	5	5	0	2	0.3950	32
Fix 475	117	2002	7	14	195	0.7514	2D Fix --	62.8080	-155.2814	151	2	2	1	1	0.3550	80
Fix 476	117	2002	7	14	195	0.8770	2D Fix --	62.8188	-155.2677	153	0	0	0	0	0.3550	2
Fix 477	117	2002	7	15	196	0.0021	2D Fix --	62.8272	-155.2658	152	0	0	0	0	0.5000	2
Fix 479	117	2002	7	15	196	0.2507	3D Fix	62.8027	-155.2769	149	6	3	6	4	0.4200	2
Fix 481	117	2002	7	15	196	0.5015	2D Fix --	62.8064	-155.2779	149	3	3	1	1	0.0100	2
Fix 483	117	2002	7	15	196	0.7504	3D Fix	62.8010	-155.2887	169	5	2	5	4	0.2650	2

Fix 484	117	2002	7	15	196	0.8769	3D Fix	62.8008	-155.2959	170	5	3	3	3	0.2850	2
Fix 488	117	2002	7	16	197	0.3758	2D Fix --	62.8340	-155.3569	170	7	7	1	1	0.2750	4
Fix 490	117	2002	7	16	197	0.6261	2D Fix --	62.8321	-155.3426	170	6	6	1	2	0.5000	2
Fix 491	117	2002	7	16	197	0.7512	3D Fix	62.8175	-155.3511	165	4	2	3	2	0.1700	2
Fix 493	117	2002	7	17	198	0.0016	2D Fix --	62.8009	-155.2962	165	0	0	0	0	0.0400	2
Fix 494	117	2002	7	17	198	0.1259	3D Fix	62.7985	-155.2952	165	4	3	3	3	0.1950	2
Fix 495	117	2002	7	17	198	0.2521	2D Fix --	62.7911	-155.2928	165	12	12	1	3	0.5150	2
Fix 496	117	2002	7	17	198	0.3767	2D Fix --	62.8146	-155.2727	166	5	5	1	1	0.3800	2
Fix 497	117	2002	7	17	198	0.5007	3D Fix	62.8160	-155.2713	164	6	3	5	5	0.0100	2
Fix 498	117	2002	7	17	198	0.6265	2D Fix --	62.8151	-155.2697	164	4	4	0	1	0.5100	2
Fix 499	117	2002	7	17	198	0.7511	3D Fix	62.8258	-155.2672	164	5	3	4	3	0.6400	1
Fix 500	117	2002	7	17	198	0.8758	2D Fix --	62.8350	-155.3566	164	2	2	1	1	0.0050	5
Fix 501	117	2002	7	18	199	0.0011	2D Fix --	62.8349	-155.3568	163	4	4	1	2	0.0050	3
Fix 502	117	2002	7	18	199	0.1263	2D Fix --	62.8299	-155.3482	163	50	50	1	14	0.3600	5
Fix 503	117	2002	7	18	199	0.2508	2D Fix --	62.8232	-155.3188	163	3	3	0	1	0.1000	2
Fix 504	117	2002	7	18	199	0.3770	2D Fix --	62.8207	-155.2983	163	0	0	0	0	0.4200	5
Fix 505	117	2002	7	18	199	0.5018	3D Fix	62.8177	-155.2893	167	6	3	6	5	0.0200	2
Fix 506	117	2002	7	18	199	0.6270	2D Fix --	62.8146	-155.2742	167	5	5	0	2	0.4300	2
Fix 507	117	2002	7	18	199	0.7517	2D Fix --	62.8030	-155.2809	167	3	3	1	1	0.3800	4
Fix 510	117	2002	7	19	200	0.1256	3D Fix	62.7999	-155.2901	167	5	2	4	3	0.3600	2
Fix 512	117	2002	7	19	200	0.3760	2D Fix --	62.8181	-155.2747	167	2	2	1	1	0.0850	3
Fix 513	117	2002	7	19	200	0.5020	2D Fix --	62.8181	-155.2747	167	0	0	0	0	0.0150	3
Fix 514	117	2002	7	19	200	0.6265	3D Fix	62.8129	-155.2709	166	6	3	5	3	0.4450	2
Fix 515	117	2002	7	19	200	0.7518	2D Fix --	62.8197	-155.3196	166	6	6	1	1	0.5700	4
Fix 516	117	2002	7	19	200	0.8758	2D Fix --	62.8317	-155.3238	167	5	4	1	1	0.3150	2
Fix 517	117	2002	7	20	201	0.0004	3D Fix	62.8282	-155.3204	146	6	4	4	3	0.0050	2
Fix 518	117	2002	7	20	201	0.1256	3D Fix	62.8273	-155.3194	147	6	4	5	5	0.1600	32
Fix 519	117	2002	7	20	201	0.2511	2D Fix --	62.8208	-155.3145	148	10	10	0	2	0.4350	2
Fix 521	117	2002	7	20	201	0.5018	2D Fix --	62.8147	-155.2996	148	4	4	1	2	0.0400	2
Fix 522	117	2002	7	20	201	0.6261	2D Fix --	62.8017	-155.2987	148	4	4	0	2	0.3050	2
Fix 523	117	2002	7	20	201	0.7507	3D Fix	62.8093	-155.2954	150	4	3	3	3	0.4000	3
Fix 526	117	2002	7	21	202	0.1258	3D Fix	62.8234	-155.2726	135	6	4	4	4	0.4750	2
Fix 527	117	2002	7	21	202	0.2508	3D Fix	62.8393	-155.3190	140	5	3	4	3	0.2850	21
Fix 528	117	2002	7	21	202	0.3754	3D Fix	62.8339	-155.3568	169	4	2	4	3	0.3150	4

Fix 530	117	2002	7	21	202	0.6258	2D Fix --	62.8266	-155.3311	166	2	2	0	1	0.3800	3
Fix 531	117	2002	7	21	202	0.7508	3D Fix	62.8228	-155.3197	164	4	3	3	2	0.2350	2
Fix 532	117	2002	7	21	202	0.8761	2D Fix --	62.8235	-155.3206	164	0	0	0	0	0.2450	32
Fix 533	117	2002	7	22	203	0.0006	3D Fix	62.8560	-155.3618	164	7	5	5	4	0.2250	96
Fix 534	117	2002	7	22	203	0.1257	3D Fix	62.8603	-155.3730	162	5	3	4	3	0.6900	13
Fix 535	117	2002	7	22	203	0.2510	2D Fix --	62.8675	-155.4442	161	8	8	0	2	0.6400	13
Fix 536	117	2002	7	22	203	0.3761	2D Fix --	62.8613	-155.5212	160	0	0	0	0	0.1150	2
Fix 537	117	2002	7	22	203	0.5012	2D Fix --	62.8633	-155.5196	161	0	0	0	0	0.4500	32
Fix 539	117	2002	7	22	203	0.7517	2D Fix --	62.8698	-155.5656	161	3	3	0	1	0.0550	2
Fix 540	117	2002	7	22	203	0.8760	2D Fix --	62.8698	-155.5662	161	3	3	1	1	0.0300	2
Fix 542	117	2002	7	23	204	0.1263	3D Fix	62.8700	-155.5621	157	6	3	5	4	0.6100	2
Fix 546	117	2002	7	23	204	0.6258	2D Fix --	62.8624	-155.5326	155	11	11	1	3	0.7300	2
Fix 553	117	2002	7	24	205	0.5011	2D Fix --	62.8498	-155.6159	155	4	3	1	1	0.1100	10
Fix 556	117	2002	7	24	205	0.8765	2D Fix --	62.8540	-155.6698	156	3	3	1	1	0.0800	10
Fix 83	118	2002	5	27	147	0.0010	2D Fix --	62.9901	-155.8869	233	0	0	0	0	0.0350	17
Fix 85	118	2002	5	27	147	0.2511	3D Fix	62.9898	-155.8869	231	6	3	5	4	0.2200	2
Fix 88	118	2002	5	27	147	0.6267	3D Fix	62.9894	-155.8865	231	5	5	3	2	0.0450	2
Fix 90	118	2002	5	27	147	0.8759	2D Fix --	62.9899	-155.8864	231	3	3	1	1	0.0300	2
Fix 92	118	2002	5	28	148	0.1258	2D Fix --	62.9901	-155.8862	231	2	2	0	1	0.0650	2
Fix 93	118	2002	5	28	148	0.2511	2D Fix --	62.9898	-155.8863	231	2	2	1	1	0.0400	2
Fix 96	118	2002	5	28	148	0.6259	3D Fix	62.9896	-155.8865	229	6	4	4	4	0.0300	2
Fix 97	118	2002	5	28	148	0.7508	2D Fix --	62.9899	-155.8865	228	2	2	0	1	0.1000	17
Fix 98	118	2002	5	28	148	0.8762	3D Fix	62.9907	-155.8865	226	7	3	6	5	0.1800	94
Fix 101	118	2002	5	29	149	0.2508	2D Fix --	62.9923	-155.8833	226	2	2	0	1	0.2400	2
Fix 102	118	2002	5	29	149	0.3758	2D Fix --	62.9918	-155.8835	226	2	2	0	1	0.0250	2
Fix 104	118	2002	5	29	149	0.6256	3D Fix	62.9920	-155.8833	225	5	3	4	3	0.2000	2
Fix 105	118	2002	5	29	149	0.7507	3D Fix	62.9915	-155.8837	223	7	2	6	4	0.1750	2
Fix 106	118	2002	5	29	149	0.8758	2D Fix --	62.9913	-155.8832	222	5	5	0	2	0.0850	2
Fix 108	118	2002	5	30	150	0.1255	2D Fix --	62.9899	-155.8737	222	0	0	0	0	0.0100	2
Fix 109	118	2002	5	30	150	0.2510	2D Fix --	62.9917	-155.8695	222	36	36	1	14	0.0250	92
Fix 110	118	2002	5	30	150	0.3766	3D Fix	62.9910	-155.8721	221	7	4	5	4	0.0300	92
Fix 111	118	2002	5	30	150	0.5013	2D Fix --	62.9910	-155.8720	221	0	0	0	0	0.1150	92
Fix 112	118	2002	5	30	150	0.6268	3D Fix	62.9911	-155.8719	220	6	4	5	4	0.0150	92
Fix 113	118	2002	5	30	150	0.7509	2D Fix --	62.9910	-155.8721	218	2	2	0	1	0.0450	92

Fix 116	118	2002	5	31	151	0.1267	3D Fix	62.9900	-155.8613	201	7	3	6	5	0.0100	2
Fix 117	118	2002	5	31	151	0.2511	2D Fix --	62.9888	-155.8597	201	11	11	1	5	0.0900	5
Fix 118	118	2002	5	31	151	0.3762	2D Fix --	62.9903	-155.8590	201	0	0	0	0	0.0300	5
Fix 120	118	2002	5	31	151	0.6255	3D Fix	62.9905	-155.8589	201	6	3	6	4	0.1050	17
Fix 121	118	2002	5	31	151	0.7521	2D Fix --	62.9904	-155.8592	201	2	2	0	1	0.1900	5
Fix 122	118	2002	5	31	151	0.8758	3D Fix	62.9910	-155.8571	202	5	2	5	4	0.0300	2
Fix 125	118	2002	6	1	152	0.2517	2D Fix --	62.9909	-155.8570	202	0	0	0	0	0.0400	2
Fix 127	118	2002	6	1	152	0.5021	2D Fix --	62.9907	-155.8568	202	0	0	0	0	0.1150	17
Fix 129	118	2002	6	1	152	0.7510	2D Fix --	62.9910	-155.8568	202	5	5	0	2	0.1050	17
Fix 135	118	2002	6	2	153	0.5008	2D Fix --	62.9927	-155.8553	202	2	2	1	1	0.0350	17
Fix 136	118	2002	6	2	153	0.6261	2D Fix --	62.9929	-155.8555	202	4	4	1	2	0.1000	17
Fix 138	118	2002	6	2	153	0.8761	2D Fix --	62.9941	-155.8552	202	3	2	1	1	0.0500	17
Fix 140	118	2002	6	3	154	0.1258	2D Fix --	63.0057	-155.8342	202	14	14	1	8	0.1000	2
Fix 141	118	2002	6	3	154	0.2508	3D Fix	63.0051	-155.8325	197	5	2	4	3	0.1800	5
Fix 144	118	2002	6	3	154	0.6258	2D Fix --	63.0136	-155.8539	196	4	4	1	2	0.0250	10
Fix 146	118	2002	6	3	154	0.8764	3D Fix	63.0129	-155.8563	188	6	3	5	3	0.2050	17
Fix 148	118	2002	6	4	155	0.1267	2D Fix --	63.0134	-155.8553	188	0	0	0	0	0.0400	10
Fix 152	118	2002	6	4	155	0.6259	2D Fix --	63.0139	-155.8547	188	0	0	0	0	0.0250	71
Fix 153	118	2002	6	4	155	0.7506	3D Fix	63.0140	-155.8540	184	7	3	6	4	0.1150	16
Fix 154	118	2002	6	4	155	0.8761	3D Fix	63.0109	-155.8511	174	4	2	3	3	0.3300	4
Fix 155	118	2002	6	5	156	0.0011	2D Fix --	63.0062	-155.8464	173	2	2	1	1	0.1750	2
Fix 156	118	2002	6	5	156	0.1254	3D Fix	63.0050	-155.8403	192	3	2	3	2	0.0300	2
Fix 157	118	2002	6	5	156	0.2510	2D Fix --	63.0052	-155.8410	192	7	7	1	1	0.1500	2
Fix 160	118	2002	6	5	156	0.6267	3D Fix	63.0025	-155.8255	188	5	2	5	3	0.0300	2
Fix 163	118	2002	6	6	157	0.0013	2D Fix --	63.0012	-155.8085	188	0	0	0	0	0.0500	2
Fix 164	118	2002	6	6	157	0.1257	3D Fix	63.0001	-155.8085	190	5	2	4	3	0.0450	2
Fix 165	118	2002	6	6	157	0.2517	2D Fix --	63.0011	-155.8085	190	0	0	0	0	0.0300	2
Fix 167	118	2002	6	6	157	0.5009	2D Fix --	63.0013	-155.8087	190	0	0	0	0	0.0350	2
Fix 168	118	2002	6	6	157	0.6258	2D Fix --	63.0013	-155.8088	190	4	4	1	2	0.0150	2
Fix 169	118	2002	6	6	157	0.7520	2D Fix --	62.9999	-155.8049	190	0	0	0	0	0.1600	2
Fix 170	118	2002	6	6	157	0.8759	2D Fix --	63.0007	-155.8033	190	0	0	0	0	0.0850	2
Fix 172	118	2002	6	7	158	0.1264	2D Fix --	63.0002	-155.8022	190	0	0	0	0	0.0800	4
Fix 173	118	2002	6	7	158	0.2505	3D Fix	63.0007	-155.8033	189	5	2	4	3	0.1600	2
Fix 174	118	2002	6	7	158	0.3765	2D Fix --	63.0007	-155.8071	189	10	10	1	2	0.0400	3

Fix 178	118	2002	6	7	158	0.8764	3D Fix	63.0023	-155.8069	205	6	2	6	5	0.1100	2
Fix 179	118	2002	6	8	159	0.0012	2D Fix --	62.9984	-155.8020	204	0	0	0	0	0.0300	2
Fix 180	118	2002	6	8	159	0.1258	3D Fix	62.9960	-155.8000	160	7	5	5	5	0.2150	4
Fix 181	118	2002	6	8	159	0.2519	2D Fix --	62.9984	-155.8019	162	0	0	0	0	0.1500	2
Fix 182	118	2002	6	8	159	0.3757	3D Fix	63.0026	-155.8072	168	6	4	5	4	0.1400	2
Fix 184	118	2002	6	8	159	0.6255	3D Fix	63.0022	-155.8068	178	5	2	4	3	0.0400	2
Fix 185	118	2002	6	8	159	0.7508	2D Fix --	63.0022	-155.8074	181	4	4	0	1	0.1650	17
Fix 186	118	2002	6	8	159	0.8764	3D Fix	63.0137	-155.7976	177	4	3	3	2	0.1800	5
Fix 187	118	2002	6	9	160	0.0021	2D Fix --	63.0246	-155.8136	178	3	3	1	1	0.0800	17
Fix 188	118	2002	6	9	160	0.1259	2D Fix --	63.0243	-155.8135	177	0	0	0	0	0.0600	17
Fix 192	118	2002	6	9	160	0.6257	3D Fix	63.0239	-155.8136	173	4	2	4	3	0.1750	10
Fix 193	118	2002	6	9	160	0.7510	2D Fix --	63.0232	-155.8157	170	0	0	0	0	0.1250	10
Fix 194	118	2002	6	9	160	0.8765	3D Fix	63.0234	-155.8148	107	5	2	5	4	0.1450	10
Fix 196	118	2002	6	10	161	0.1269	2D Fix --	63.0233	-155.8145	110	0	0	0	0	0.0450	10
Fix 199	118	2002	6	10	161	0.5014	2D Fix --	63.0234	-155.8145	110	5	4	1	2	0.0450	10
Fix 200	118	2002	6	10	161	0.6260	2D Fix --	63.0233	-155.8146	110	3	3	1	1	0.0600	10
Fix 204	118	2002	6	11	162	0.1271	2D Fix --	63.0233	-155.8144	110	5	5	1	3	0.0300	10
Fix 211	118	2002	6	12	163	0.0011	2D Fix --	63.0160	-155.8148	110	5	5	1	2	0.0550	2
Fix 212	118	2002	6	12	163	0.1254	3D Fix	63.0151	-155.8162	128	3	2	3	2	0.0650	24
Fix 213	118	2002	6	12	163	0.2512	2D Fix --	63.0144	-155.8151	129	4	4	1	1	0.1200	4
Fix 214	118	2002	6	12	163	0.3758	2D Fix --	63.0101	-155.8175	128	5	5	0	1	0.2100	5
Fix 215	118	2002	6	12	163	0.5015	2D Fix --	63.0059	-155.8155	129	6	6	1	2	0.0500	16
Fix 217	118	2002	6	12	163	0.7509	3D Fix	63.0063	-155.8148	136	7	3	6	5	0.1000	17
Fix 220	118	2002	6	13	164	0.1254	3D Fix	63.0070	-155.8395	195	4	2	3	2	0.0750	2
Fix 221	118	2002	6	13	164	0.2521	2D Fix --	63.0066	-155.8399	195	5	5	1	2	0.1200	2
Fix 224	118	2002	6	13	164	0.6258	2D Fix --	63.0057	-155.8431	195	4	4	1	3	0.0450	17
Fix 225	118	2002	6	13	164	0.7508	2D Fix --	63.0056	-155.8431	195	3	3	0	1	0.0700	17
Fix 226	118	2002	6	13	164	0.8771	2D Fix --	63.0050	-155.8411	195	2	2	1	1	0.1750	16
Fix 228	118	2002	6	14	165	0.1264	2D Fix --	63.0060	-155.8336	195	3	3	0	1	0.1100	10
Fix 229	118	2002	6	14	165	0.2509	2D Fix --	63.0059	-155.8324	194	0	0	0	0	0.1550	2
Fix 230	118	2002	6	14	165	0.3770	2D Fix --	63.0085	-155.8305	194	19	19	1	4	0.0600	2
Fix 231	118	2002	6	14	165	0.5015	3D Fix	63.0084	-155.8308	190	6	3	4	4	0.0350	2
Fix 232	118	2002	6	14	165	0.6265	2D Fix --	63.0083	-155.8303	190	0	0	0	0	0.0100	2
Fix 233	118	2002	6	14	165	0.7504	3D Fix	63.0083	-155.8308	162	3	2	2	2	0.0500	2

Fix 234	118	2002	6	14	165	0.8756	3D Fix	63.0074	-155.8297	156	4	2	4	3	0.1000	21
Fix 235	118	2002	6	15	166	0.0007	2D Fix --	63.0072	-155.8322	156	0	0	0	0	0.0350	4
Fix 236	118	2002	6	15	166	0.1258	3D Fix	63.0072	-155.8325	156	3	2	2	2	0.0200	5
Fix 237	118	2002	6	15	166	0.2507	2D Fix --	63.0078	-155.8314	157	0	0	0	0	0.1300	3
Fix 238	118	2002	6	15	166	0.3760	3D Fix	63.0121	-155.8299	156	5	4	3	2	0.1600	2
Fix 239	118	2002	6	15	166	0.5007	3D Fix	63.0086	-155.8285	154	6	3	5	4	0.0400	3
Fix 240	118	2002	6	15	166	0.6254	3D Fix	63.0087	-155.8285	156	3	1	3	2	0.0550	3
Fix 241	118	2002	6	15	166	0.7504	3D Fix	63.0089	-155.8276	154	4	2	3	3	0.0600	5
Fix 242	118	2002	6	15	166	0.8767	2D Fix --	63.0134	-155.8229	154	7	7	1	1	0.1400	2
Fix 243	118	2002	6	16	167	0.0009	2D Fix --	63.0135	-155.8243	154	0	0	0	0	0.0950	24
Fix 244	118	2002	6	16	167	0.1261	2D Fix --	63.0143	-155.8231	154	2	2	1	1	0.0050	2
Fix 245	118	2002	6	16	167	0.2521	2D Fix --	63.0154	-155.8211	154	4	4	1	2	0.0700	2
Fix 246	118	2002	6	16	167	0.3766	3D Fix	63.0159	-155.8194	152	3	1	2	1	0.1600	3
Fix 247	118	2002	6	16	167	0.5008	2D Fix --	63.0152	-155.8240	152	7	7	1	4	0.1650	4
Fix 248	118	2002	6	16	167	0.6264	3D Fix	63.0151	-155.8235	152	3	1	3	2	0.0650	3
Fix 249	118	2002	6	16	167	0.7511	2D Fix --	63.0155	-155.8238	152	2	2	0	1	0.0900	2
Fix 250	118	2002	6	16	167	0.8765	2D Fix --	63.0198	-155.8162	152	0	0	0	0	0.1450	21
Fix 251	118	2002	6	17	168	0.0008	2D Fix --	63.0188	-155.8178	152	3	3	1	2	0.0100	2
Fix 252	118	2002	6	17	168	0.1260	2D Fix --	63.0186	-155.8178	152	2	2	1	1	0.0150	2
Fix 253	118	2002	6	17	168	0.2521	2D Fix --	63.0192	-155.8194	152	3	3	1	1	0.0850	2
Fix 255	118	2002	6	17	168	0.5020	2D Fix --	63.0178	-155.8253	152	6	6	1	1	0.0450	5
Fix 256	118	2002	6	17	168	0.6258	2D Fix --	63.0174	-155.8245	152	2	2	0	1	0.0600	21
Fix 257	118	2002	6	17	168	0.7517	2D Fix --	63.0175	-155.8247	152	0	0	0	0	0.1300	2
Fix 258	118	2002	6	17	168	0.8761	3D Fix	63.0167	-155.8171	118	4	3	3	3	0.1550	2
Fix 259	118	2002	6	18	169	0.0008	2D Fix --	63.0143	-155.8144	118	3	3	1	1	0.0250	24
Fix 260	118	2002	6	18	169	0.1258	2D Fix --	63.0143	-155.8144	118	4	4	1	2	0.1400	24
Fix 261	118	2002	6	18	169	0.2514	2D Fix --	63.0151	-155.8139	118	4	4	1	2	0.0700	2
Fix 262	118	2002	6	18	169	0.3762	2D Fix --	63.0169	-155.8135	118	2	2	0	1	0.0850	24
Fix 263	118	2002	6	18	169	0.5006	3D Fix	63.0162	-155.8126	121	6	5	4	4	0.0400	2
Fix 264	118	2002	6	18	169	0.6257	3D Fix	63.0163	-155.8124	122	3	1	3	1	0.0850	3
Fix 265	118	2002	6	18	169	0.7506	3D Fix	63.0161	-155.8124	122	5	3	4	3	0.1100	2
Fix 266	118	2002	6	18	169	0.8758	2D Fix --	63.0148	-155.8114	123	11	11	1	5	0.0200	4
Fix 267	118	2002	6	19	170	0.0011	3D Fix	63.0134	-155.8106	123	4	2	4	2	0.1000	5
Fix 268	118	2002	6	19	170	0.1254	3D Fix	63.0136	-155.8099	141	7	6	4	3	0.1350	2

Fix 269	118	2002	6	19	170	0.2510	2D Fix --	63.0140	-155.8076	140	4	4	1	2	0.1500	2
Fix 271	118	2002	6	19	170	0.5010	2D Fix --	63.0190	-155.7991	141	0	0	0	0	0.0300	2
Fix 272	118	2002	6	19	170	0.6271	2D Fix --	63.0190	-155.7988	140	2	2	0	1	0.0200	2
Fix 273	118	2002	6	19	170	0.7508	2D Fix --	63.0175	-155.7997	140	2	2	0	1	0.1000	5
Fix 274	118	2002	6	19	170	0.8771	3D Fix	63.0176	-155.7969	138	3	1	3	2	0.1500	24
Fix 275	118	2002	6	20	171	0.0008	2D Fix --	63.0188	-155.7960	138	4	4	1	2	0.0100	5
Fix 276	118	2002	6	20	171	0.1255	2D Fix --	63.0185	-155.7946	138	15	15	1	3	0.0550	4
Fix 277	118	2002	6	20	171	0.2518	2D Fix --	63.0198	-155.7968	138	4	4	1	1	0.2600	4
Fix 278	118	2002	6	20	171	0.3758	2D Fix --	63.0181	-155.7861	138	6	6	1	1	0.3250	4
Fix 282	118	2002	6	20	171	0.8754	3D Fix	63.0030	-155.8009	204	4	1	3	2	0.0550	17
Fix 283	118	2002	6	21	172	0.0007	2D Fix --	63.0031	-155.8020	205	0	0	0	0	0.0550	2
Fix 284	118	2002	6	21	172	0.1258	2D Fix --	63.0029	-155.8022	205	4	4	0	1	0.0600	17
Fix 285	118	2002	6	21	172	0.2505	3D Fix	63.0025	-155.8002	203	4	3	3	2	0.1600	17
Fix 286	118	2002	6	21	172	0.3762	2D Fix --	63.0002	-155.8029	203	67	67	1	39	0.0300	4
Fix 289	118	2002	6	21	172	0.7513	2D Fix --	63.0020	-155.8001	203	5	5	1	1	0.1550	2
Fix 291	118	2002	6	22	173	0.0010	2D Fix --	63.0007	-155.8032	203	3	3	1	2	0.0150	2
Fix 293	118	2002	6	22	173	0.2513	3D Fix	62.9988	-155.8031	198	6	3	5	4	0.1650	5
Fix 296	118	2002	6	22	173	0.6271	2D Fix --	62.9996	-155.8048	197	0	0	0	0	0.2300	3
Fix 297	118	2002	6	22	173	0.7514	2D Fix --	63.0022	-155.8071	197	84	84	1	23	0.0700	17
Fix 298	118	2002	6	22	173	0.8769	3D Fix	63.0052	-155.8060	200	5	2	4	3	0.2800	2
Fix 299	118	2002	6	23	174	0.0015	3D Fix	63.0032	-155.7894	198	3	2	3	2	0.0900	21
Fix 301	118	2002	6	23	174	0.2506	3D Fix	63.0026	-155.7904	195	6	2	6	5	0.0900	2
Fix 302	118	2002	6	23	174	0.3767	2D Fix --	63.0020	-155.8000	194	3	2	1	1	0.0750	2
Fix 303	118	2002	6	23	174	0.5011	2D Fix --	63.0020	-155.8001	194	6	6	1	1	0.1050	2
Fix 305	118	2002	6	23	174	0.7509	2D Fix --	63.0030	-155.8009	194	2	2	0	1	0.0800	17
Fix 308	118	2002	6	24	175	0.1260	2D Fix --	63.0029	-155.8020	194	2	2	1	1	0.0800	17
Fix 309	118	2002	6	24	175	0.2508	2D Fix --	63.0026	-155.8001	194	4	4	1	1	0.0450	17
Fix 313	118	2002	6	24	175	0.7508	2D Fix --	63.0024	-155.8076	194	2	2	0	1	0.0100	17
Fix 314	118	2002	6	24	175	0.8761	2D Fix --	63.0006	-155.8063	196	3	3	1	1	0.0950	2
Fix 315	118	2002	6	25	176	0.0021	2D Fix --	62.9961	-155.7950	196	0	0	0	0	0.0850	2
Fix 316	118	2002	6	25	176	0.1261	2D Fix --	62.9968	-155.7931	196	0	0	0	0	0.1800	3
Fix 318	118	2002	6	25	176	0.3763	2D Fix --	63.0008	-155.7762	196	5	4	1	2	0.1750	4
Fix 319	118	2002	6	25	176	0.5008	2D Fix --	62.9988	-155.7731	196	5	5	1	2	0.0500	2
Fix 320	118	2002	6	25	176	0.6259	3D Fix	62.9991	-155.7728	193	4	3	2	2	0.1200	2

Fix 321	118	2002	6	25	176	0.7513	3D Fix	62.9989	-155.7705	180	6	2	5	4	0.0450	4
Fix 322	118	2002	6	25	176	0.8758	2D Fix --	62.9986	-155.7721	178	2	2	0	1	0.0150	2
Fix 323	118	2002	6	26	177	0.0008	2D Fix --	62.9987	-155.7723	178	2	2	1	1	0.0450	2
Fix 326	118	2002	6	26	177	0.3764	2D Fix --	62.9976	-155.7757	175	3	3	1	2	0.0550	21
Fix 327	118	2002	6	26	177	0.5004	3D Fix	62.9974	-155.7757	174	4	2	4	3	0.0300	5
Fix 329	118	2002	6	26	177	0.7508	2D Fix --	62.9950	-155.7776	174	2	2	0	1	0.0350	4
Fix 330	118	2002	6	26	177	0.8760	2D Fix --	62.9940	-155.7779	174	3	2	1	1	0.0400	2
Fix 331	118	2002	6	27	178	0.0021	2D Fix --	62.9948	-155.7777	174	2	2	1	1	0.0200	4
Fix 332	118	2002	6	27	178	0.1262	2D Fix --	62.9935	-155.7758	174	0	0	0	0	0.0450	4
Fix 335	118	2002	6	27	178	0.5008	3D Fix	62.9928	-155.7848	154	4	3	2	2	0.0100	2
Fix 336	118	2002	6	27	178	0.6264	3D Fix	62.9929	-155.7847	152	4	2	3	3	0.1500	2
Fix 337	118	2002	6	27	178	0.7511	2D Fix --	62.9951	-155.7997	151	0	0	0	0	0.2150	4
Fix 338	118	2002	6	27	178	0.8762	3D Fix	62.9995	-155.8052	154	5	2	5	3	0.1250	5
Fix 339	118	2002	6	28	179	0.0012	2D Fix --	63.0003	-155.8049	155	0	0	0	0	0.1050	2
Fix 340	118	2002	6	28	179	0.1260	3D Fix	62.9995	-155.8047	156	5	3	4	3	0.1000	3
Fix 341	118	2002	6	28	179	0.2517	2D Fix --	62.9992	-155.8081	156	21	21	1	1	0.3000	3
Fix 343	118	2002	6	28	179	0.5004	3D Fix	63.0057	-155.8337	150	4	3	2	2	0.0600	2
Fix 344	118	2002	6	28	179	0.6257	2D Fix --	63.0057	-155.8336	150	0	0	0	0	0.0750	2
Fix 345	118	2002	6	28	179	0.7505	3D Fix	63.0054	-155.8332	152	7	3	6	5	0.0450	2
Fix 346	118	2002	6	28	179	0.8760	2D Fix --	63.0054	-155.8330	152	3	2	1	1	0.1550	2
Fix 347	118	2002	6	29	180	0.0015	2D Fix --	63.0064	-155.8344	152	0	0	0	0	0.0350	2
Fix 348	118	2002	6	29	180	0.1265	3D Fix	63.0104	-155.8390	152	5	2	5	3	0.0650	2
Fix 349	118	2002	6	29	180	0.2516	3D Fix	63.0140	-155.8366	151	3	2	3	2	0.1500	21
Fix 350	118	2002	6	29	180	0.3757	3D Fix	63.0136	-155.8342	149	5	2	5	4	0.1200	5
Fix 351	118	2002	6	29	180	0.5004	3D Fix	63.0123	-155.8349	141	5	4	3	4	0.0700	2
Fix 353	118	2002	6	29	180	0.7510	2D Fix --	63.0102	-155.8331	136	10	10	0	5	0.0400	2
Fix 354	118	2002	6	29	180	0.8771	2D Fix --	63.0125	-155.8310	137	0	0	0	0	0.1400	4
Fix 356	118	2002	6	30	181	0.1267	2D Fix --	63.0127	-155.8332	136	0	0	0	0	0.0750	21
Fix 357	118	2002	6	30	181	0.2521	2D Fix --	63.0164	-155.8409	136	2	2	0	1	0.3250	10
Fix 358	118	2002	6	30	181	0.3758	2D Fix --	63.0189	-155.8406	137	0	0	0	0	0.2750	5
Fix 360	118	2002	6	30	181	0.6263	2D Fix --	63.0226	-155.8454	137	0	0	0	0	0.0300	10
Fix 365	118	2002	7	1	182	0.2511	3D Fix	63.0167	-155.8496	135	3	1	3	2	0.3050	10
Fix 366	118	2002	7	1	182	0.3760	2D Fix --	63.0093	-155.8511	134	0	0	0	0	0.2050	4
Fix 367	118	2002	7	1	182	0.5019	2D Fix --	63.0039	-155.8585	134	0	0	0	0	0.0650	16

Fix 370	118	2002	7	1	182	0.8763	2D Fix --	63.0005	-155.8744	135	0	0	0	0	0.1400	4
Fix 372	118	2002	7	2	183	0.1271	2D Fix --	63.0008	-155.8750	135	6	6	1	3	0.1300	4
Fix 374	118	2002	7	2	183	0.3759	2D Fix --	63.0005	-155.8743	135	0	0	0	0	0.0700	4
Fix 375	118	2002	7	2	183	0.5004	3D Fix	62.9995	-155.8716	129	3	2	2	1	0.1200	2
Fix 376	118	2002	7	2	183	0.6258	2D Fix --	62.9958	-155.8704	129	3	3	1	1	0.1650	17
Fix 378	118	2002	7	2	183	0.8771	3D Fix	62.9965	-155.8646	141	5	2	5	3	0.0750	2
Fix 380	118	2002	7	3	184	0.1268	3D Fix	62.9957	-155.8659	148	5	3	4	3	0.0100	2
Fix 381	118	2002	7	3	184	0.2520	3D Fix	62.9964	-155.8646	156	4	2	4	3	0.0800	2
Fix 382	118	2002	7	3	184	0.3761	3D Fix	62.9885	-155.8559	161	4	2	3	3	0.1150	21
Fix 383	118	2002	7	3	184	0.5014	2D Fix --	62.9846	-155.8585	161	0	0	0	0	0.0600	5
Fix 385	118	2002	7	3	184	0.7508	2D Fix --	62.9808	-155.8497	161	2	2	0	1	0.0250	3
Fix 388	118	2002	7	4	185	0.1258	3D Fix	62.9826	-155.8470	161	7	3	6	4	0.0150	5
Fix 389	118	2002	7	4	185	0.2510	2D Fix --	62.9829	-155.8471	161	2	2	1	1	0.1400	5
Fix 390	118	2002	7	4	185	0.3771	2D Fix --	62.9820	-155.8414	161	0	0	0	0	0.0550	5
Fix 394	118	2002	7	4	185	0.8770	2D Fix --	62.9798	-155.8272	160	0	0	0	0	0.2000	5
Fix 395	118	2002	7	5	186	0.0013	3D Fix	62.9801	-155.8203	162	6	5	4	4	0.0550	4
Fix 401	118	2002	7	5	186	0.7504	3D Fix	62.9796	-155.8303	169	6	5	3	3	0.0950	17
Fix 403	118	2002	7	6	187	0.0004	3D Fix	62.9686	-155.8247	156	6	5	4	4	0.0750	4
Fix 404	118	2002	7	6	187	0.1261	2D Fix --	62.9661	-155.8275	155	0	0	0	0	0.1400	5
Fix 405	118	2002	7	6	187	0.2517	3D Fix	62.9756	-155.8424	156	7	3	6	5	0.1450	5
Fix 406	118	2002	7	6	187	0.3764	2D Fix --	62.9797	-155.8414	156	0	0	0	0	0.0950	4
Fix 408	118	2002	7	6	187	0.6254	3D Fix	62.9801	-155.8392	174	7	2	7	4	0.0350	5
Fix 409	118	2002	7	6	187	0.7510	3D Fix	62.9801	-155.8395	173	7	3	6	5	0.1350	4
Fix 410	118	2002	7	6	187	0.8757	2D Fix --	62.9782	-155.8370	172	0	0	0	0	0.0650	4
Fix 411	118	2002	7	7	188	0.0013	2D Fix --	62.9776	-155.8296	173	0	0	0	0	0.0500	2
Fix 412	118	2002	7	7	188	0.1271	2D Fix --	62.9778	-155.8292	173	5	5	1	3	0.0300	5
Fix 413	118	2002	7	7	188	0.2508	2D Fix --	62.9743	-155.8246	173	2	2	0	1	0.1150	2
Fix 414	118	2002	7	7	188	0.3767	2D Fix --	62.9754	-155.8185	173	0	0	0	0	0.1550	2
Fix 419	118	2002	7	8	189	0.0016	2D Fix --	62.9759	-155.8065	173	0	0	0	0	0.1350	2
Fix 420	118	2002	7	8	189	0.1260	2D Fix --	62.9753	-155.8088	173	3	2	1	1	0.0850	4
Fix 421	118	2002	7	8	189	0.2508	2D Fix --	62.9808	-155.8035	173	0	0	0	0	0.2350	4
Fix 423	118	2002	7	8	189	0.5008	2D Fix --	62.9914	-155.8097	173	4	4	1	2	0.0200	2
Fix 427	118	2002	7	9	190	0.0017	2D Fix --	63.0027	-155.7879	174	50	50	1	19	0.0150	5
Fix 429	118	2002	7	9	190	0.2520	2D Fix --	63.0060	-155.7883	173	0	0	0	0	0.0900	2

Fix 430	118	2002	7	9	190	0.3769	2D Fix --	63.0123	-155.7939	173	3	2	1	1	0.1050	2
Fix 431	118	2002	7	9	190	0.5008	2D Fix --	63.0088	-155.7981	173	6	6	1	2	0.0100	2
Fix 433	118	2002	7	9	190	0.7517	2D Fix --	63.0115	-155.7984	173	3	3	1	1	0.1100	3
Fix 434	118	2002	7	9	190	0.8766	2D Fix --	63.0137	-155.7918	173	0	0	0	0	0.0900	5
Fix 435	118	2002	7	10	191	0.0011	2D Fix --	63.0167	-155.7879	173	5	4	1	2	0.0400	5
Fix 436	118	2002	7	10	191	0.1260	2D Fix --	63.0143	-155.7888	173	16	16	1	7	0.2000	2
Fix 437	118	2002	7	10	191	0.2506	3D Fix	63.0196	-155.7944	169	4	2	3	2	0.2850	4
Fix 441	118	2002	7	10	191	0.7504	3D Fix	63.0239	-155.8259	112	7	4	5	4	0.2850	17
Fix 443	118	2002	7	11	192	0.0007	3D Fix	63.0194	-155.8262	113	4	2	4	3	0.0600	2
Fix 444	118	2002	7	11	192	0.1257	2D Fix --	63.0190	-155.8262	113	0	0	0	0	0.1400	2
Fix 445	118	2002	7	11	192	0.2506	3D Fix	63.0250	-155.8259	135	6	4	4	3	0.3400	10
Fix 448	118	2002	7	11	192	0.6261	2D Fix --	63.0156	-155.8413	134	0	0	0	0	0.2250	71
Fix 452	118	2002	7	12	193	0.1258	3D Fix	63.0238	-155.8258	134	7	5	5	3	0.2750	17
Fix 453	118	2002	7	12	193	0.2513	3D Fix	63.0272	-155.8145	132	6	4	5	4	0.1550	71
Fix 455	118	2002	7	12	193	0.5004	3D Fix	63.0304	-155.8054	134	6	4	4	4	0.0600	2
Fix 456	118	2002	7	12	193	0.6267	2D Fix --	63.0279	-155.8039	130	0	0	0	0	0.0700	5
Fix 458	118	2002	7	12	193	0.8765	3D Fix	63.0188	-155.8055	115	3	2	2	2	0.2800	4
Fix 460	118	2002	7	13	194	0.1271	2D Fix --	63.0216	-155.8067	115	4	4	1	1	0.2350	3
Fix 465	118	2002	7	13	194	0.7508	2D Fix --	63.0201	-155.8237	115	3	3	1	1	0.1600	4
Fix 466	118	2002	7	13	194	0.8762	2D Fix --	63.0209	-155.8099	116	0	0	0	0	0.1750	5
Fix 467	118	2002	7	14	195	0.0013	2D Fix --	63.0161	-155.8202	116	11	11	1	5	0.0950	2
Fix 468	118	2002	7	14	195	0.1258	3D Fix	63.0127	-155.8281	117	4	2	3	2	0.0200	2
Fix 469	118	2002	7	14	195	0.2505	3D Fix	63.0210	-155.8088	117	7	5	4	3	0.2700	3
Fix 472	118	2002	7	14	195	0.6261	2D Fix --	63.0179	-155.8077	117	2	2	0	1	0.1650	2
Fix 473	118	2002	7	14	195	0.7508	2D Fix --	63.0231	-155.8117	117	6	6	1	3	0.2000	10
Fix 475	118	2002	7	15	196	0.0008	2D Fix --	63.0187	-155.8058	117	7	7	1	2	0.2000	4
Fix 476	118	2002	7	15	196	0.1256	3D Fix	63.0187	-155.8060	111	4	2	3	3	0.2750	4
Fix 477	118	2002	7	15	196	0.2508	3D Fix	63.0252	-155.8231	112	6	4	4	4	0.3100	4
Fix 480	118	2002	7	15	196	0.6268	2D Fix --	63.0263	-155.8350	112	11	11	0	5	0.2500	71
Fix 481	118	2002	7	15	196	0.7505	3D Fix	63.0220	-155.8418	113	4	2	3	2	0.3500	2
Fix 483	118	2002	7	16	197	0.0004	3D Fix	63.0104	-155.8617	118	5	2	4	3	0.2300	93
Fix 484	118	2002	7	16	197	0.1256	3D Fix	63.0082	-155.8694	118	4	1	4	2	0.3450	2
Fix 486	118	2002	7	16	197	0.3763	2D Fix --	62.9987	-155.8891	118	6	6	1	1	0.2150	5
Fix 487	118	2002	7	16	197	0.5011	2D Fix --	62.9995	-155.8903	118	3	3	1	2	0.0150	4

Fix 488	118	2002	7	16	197	0.6261	2D Fix --	62.9974	-155.8995	118	4	3	1	1	0.3450	2
Fix 489	118	2002	7	16	197	0.7513	2D Fix --	63.0005	-155.9040	118	0	0	0	0	0.0600	81
Fix 490	118	2002	7	16	197	0.8758	2D Fix --	63.0007	-155.9013	118	7	7	1	1	0.3400	92
Fix 491	118	2002	7	17	198	0.0010	3D Fix	62.9987	-155.8879	118	5	2	4	3	0.2850	10
Fix 492	118	2002	7	17	198	0.1265	3D Fix	63.0005	-155.8863	118	5	2	5	4	0.2450	4
Fix 493	118	2002	7	17	198	0.2508	2D Fix --	62.9931	-155.8922	118	7	7	0	1	0.3100	4
Fix 496	118	2002	7	17	198	0.6268	2D Fix --	62.9959	-155.9038	118	5	5	1	1	0.3850	4
Fix 498	118	2002	7	17	198	0.8758	2D Fix --	63.0043	-155.8750	118	6	6	1	1	0.3650	17
Fix 499	118	2002	7	18	199	0.0011	3D Fix	63.0042	-155.8741	119	6	3	5	4	0.2850	71
Fix 500	118	2002	7	18	199	0.1256	3D Fix	63.0082	-155.8709	120	7	3	6	5	0.1700	2
Fix 507	118	2002	7	19	200	0.0021	3D Fix	63.0243	-155.8268	108	6	4	4	3	0.1200	17
Fix 509	118	2002	7	19	200	0.2510	2D Fix --	63.0307	-155.7903	109	10	10	0	2	0.4100	5
Fix 512	118	2002	7	19	200	0.6271	2D Fix --	63.0278	-155.7908	109	6	6	0	2	0.3950	10
Fix 513	118	2002	7	19	200	0.7508	2D Fix --	63.0263	-155.7943	109	4	4	0	2	0.2800	4
Fix 515	118	2002	7	20	201	0.0005	2D Fix --	63.0311	-155.8038	110	0	0	0	0	0.1000	13
Fix 517	118	2002	7	20	201	0.2510	2D Fix --	63.0238	-155.8270	109	10	10	0	2	0.3750	10
Fix 523	118	2002	7	21	202	0.0007	3D Fix	63.0082	-155.8596	108	4	2	3	2	0.0150	2
Fix 524	118	2002	7	21	202	0.1254	3D Fix	63.0071	-155.8604	122	5	3	4	3	0.3650	4
Fix 528	118	2002	7	21	202	0.6266	2D Fix --	63.0102	-155.8648	122	159	159	1	50	0.2100	21
Fix 531	118	2002	7	22	203	0.0008	3D Fix	63.0159	-155.8064	122	4	3	3	2	0.1400	5
Fix 536	118	2002	7	22	203	0.6261	2D Fix --	63.0274	-155.8009	122	6	6	1	2	0.3850	2
Fix 540	118	2002	7	23	204	0.1258	2D Fix --	63.0303	-155.7913	122	3	3	1	1	0.3650	17
Fix 544	118	2002	7	23	204	0.6258	2D Fix --	63.0304	-155.7903	122	2	2	0	1	0.2850	3
Fix 545	118	2002	7	23	204	0.7514	2D Fix --	63.0294	-155.7897	122	0	0	0	0	0.3100	17
Fix 548	118	2002	7	24	205	0.1260	2D Fix --	63.0254	-155.7736	122	5	5	1	2	0.1350	4
Fix 549	118	2002	7	24	205	0.2507	2D Fix --	63.0318	-155.7709	122	0	0	0	0	0.5400	10
Fix 551	118	2002	7	24	205	0.5016	3D Fix	63.0256	-155.7860	121	4	2	4	3	0.0850	71
Fix 552	118	2002	7	24	205	0.6258	2D Fix --	63.0244	-155.7927	121	3	3	0	1	0.1950	5
Fix 553	118	2002	7	24	205	0.7511	3D Fix	63.0261	-155.7942	121	5	3	4	3	0.1200	2

Curriculum vitae

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PRIMARY RESEARCH INTERESTS

Biology, Community ecology, predator-prey interactions, wildlife-habitat relationships, GIS analysis of animal movement, sub-Arctic wildlife biology

EDUCATION

The Pennsylvania State University, Eberly College of Science, *University Park, PA*
Doctor of Philosophy in Ecology, graduation May 2005 (GPA 3.92)

Villanova University, College of Arts and Sciences, *Villanova, PA*
Bachelor of Science in Biology, *Cum Laude*, Minor: French, May 1998 (GPA 3.57)

RESEARCH EXPERIENCE

The Pennsylvania State University, Department of Biology, *University Park, PA*
Ph.D. Ecology, August 2000-May 2005 (successfully defended March 17, 2005)
Advisor: Dr. Eric Post

Dana-Farber Cancer Institute, *Boston, MA* 1998-2000

Tufts University School of Medicine, *Boston, MA* summer 1997

TEACHING EXPERIENCE

Biology 110-Biology: Basic Concepts and Biodiversity
Fall 2000-2002, fall 2003-honors recitation instructor, fall 2004-honors, **summer 2005 instructor**

Biology 220W-Biology: Populations and Communities
Spring 2001-2002, spring 2003 honors

RECENT PUBLICATIONS

Garneau DE, Post E, Boudreau TA, Keech MA, Valkenburg, P. Spatio-temporal niche partitioning among three-sympatric predators in a single-prey system (in review *BMC Ecology*-January 2005).

Garneau DE, Boudreau TA, Keech MA, Post E. Black bear movements and habitat use during moose parturition (in review *Journal of Zoology*-February 2005).

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