United States Court of Appeals For the First Circuit

Nos. 99-2369 99-2370

SOUTH PORT MARINE, LLC,

Plaintiff, Appellant,

v.

GULF OIL LIMITED PARTNERSHIP; THE REINAUER COMPANIES, INC., f/k/a BOSTON TOWING AND TRANSPORTATION COMPANY INC.;

Defendants, Appellees.

APPEALS FROM THE UNITED STATES DISTRICT COURT

FOR THE DISTRICT OF MAINE

[Hon. D. Brock Hornby, U.S. District Judge]

Before

Torruella, <u>Chief Judge</u>, Boudin and Lynch, <u>Circuit Judges</u>.

<u>David J. Perkins</u>, with whom <u>Daniel G. Lilley</u>, <u>Patrick J. Mellor</u> and <u>Perkins, Olson & Pratt, P.A.</u> were on brief, for appellant.

<u>William H. Welte</u>, with whom <u>Welte & Welte P.A.</u> was on brief, for appellee Gulf Oil Limited Partnership.

Brian P. Flanagan, with whom <u>Flanagan & Hunter, P.C.</u>, <u>Leonard W.</u> Langer, <u>Marshall J. Tinkle</u> and <u>Tompkins</u>, <u>Clough</u>, <u>Hirshon & Langer</u>, <u>P.A.</u> were on brief, for appellee Boston Towing and Transportation Co., L.P.

December 7, 2000

TORRUELLA, Chief Judge. This appeal, which arises out of a February 1997 gasoline spill in Maine's Portland Harbor, requires us to interpret both historic and contemporary maritime law in the United States. On the one hand, appellees present a Seventh Amendment argument that involves the state of federal admiralty jurisdiction in the early days of the Constitution. Appellant, on the other hand, raises questions of federal preemption and statutory interpretation in relation to two issues of much current interest: oil spills and punitive damages. Finally, both parties dispute the sufficiency of evidence presented to the jury on various aspects of appellant's alleged damages.

We conclude that the district court's disposition of these issues must be affirmed in part and reversed in part.

I. Factual and Procedural Background

A. <u>The Parties</u>

Appellant South Port Marine, LLC, ("South Port") is a familyowned marina located on a cove in Portland Harbor, Maine. The marina is principally designed to accommodate recreational motor and sailing vessels by allowing them to tie up to floating dock segments that are connected with fixed docks leading to the marina's onshore facilities. The floating dock segments are identical in function and purpose to ordinary fixed docks, but are designed in sections with Styrofoam flotation which allows them to rise and fall with the tides.

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In the winter of 1996-1997, South Port's owners planned to dredge the marina and parts of the surrounding cove to allow access by larger boats. The owners also intended to increase the number of slips in the marina from approximately one hundred to closer to one hundred and twenty-five.

Appellee Gulf Oil is a Massachusetts-based petroleum company. It operates a distribution facility on Portland Harbor where, <u>inter</u> <u>alia</u>, petroleum products such as gasoline are pumped into barges for transportation to other ports. Appellee Boston Towing and Transportation operates tug boats and tank barges for the purpose of oil transportation. Gulf Oil was pumping gasoline into a barge owned and operated by Boston Towing at the time of the incident involved in this appeal.

B. The February 5, 1997 Spill

In the early morning hours of February 5, 1997, a Boston Towing tank barge was tied to the Gulf Oil pier in Portland Harbor, while a crew member transferred gasoline from a Gulf onshore storage facility into individual tanks on the barge. The gasoline transfer process required the crew member to monitor the filling of each tank and to manually switch the flow of gasoline to the next empty tank when the prior tank reached its full capacity.

Sometime after 2:00 a.m. in the morning, under severe weather conditions, the crew member assigned to monitor the gas flow left the

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barge and boarded a nearby tug boat, leaving the gasoline transfer completely unattended. While the crew member was absent, the gasoline overflowed the recipient tank and subsequently overflowed the barge's safety transom, flowing into Portland Harbor. Between 23,000 and 30,000 gallons of gasoline spilled into the water.

A large portion of the spilled gas entered the cove on which South Port Marine is located, and by 8:00 a.m. two to three inches of gasoline floated on the surface of the water at the marina. The Styrofoam flotation of the dock segments began to disintegrate, causing the docks to sink, list, and in many cases, fully submerge. As this happened, a number of electrical posts (at least some of which were apparently awaiting installation) fell off the docks and into the water.

C. Alleged Effects of the Spill on South Port Marine

At trial, South Port alleged damages falling into three general categories: extensive property damage, lost profits, and "other economic losses" including loss of goodwill and business stress. The spill allegedly destroyed between sixty and eighty Styrofoam floats and severely damaged forty-five dock segments. According to South Port, the repair and cleanup of this damage was both costly and, at a critical time in its development, very time-consuming. South Port further alleged that the spill set back its dredging plan an entire year and put the construction of new slips on indefinite hold due to

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the cash flow crisis caused by the accident and the diversion of South Port's employees from gainful work to cleanup and repair tasks. South Port claimed the economic injury caused by the spill eventually forced it to restructure its debt and threatened its owners' entire investment of almost \$1,000,000.

D. <u>Procedural History</u>

On January 14, 1998, South Port filed a complaint in federal district court raising claims under the federal Oil Pollution Act of 1990 ("OPA") and asserting several state common law tort actions. The complaint demanded trial by jury on all claims. Appellants argued that South Port was not entitled to a jury trial because its claims sounded in admiralty. The court initially reserved judgment on that issue and proceeded to try the case before a jury.

On April 7, 1999, the first day of trial, appellees conceded liability under the OPA in response to questioning from the court. However, the court then ruled that South Port's state common law claims (which included strict liability, negligence, private nuisance, and trespass) were barred by Maine law, <u>see Me. Rev. Stat. Ann.</u> tit. 38, § 551(2)(D) (West 1999); <u>see also Portland Pipeline Corp.</u> v. <u>Envtl.</u> <u>Improvement Comm'n</u>, 307 A.2d 1, 40 (Me. 1973), because South Port failed to bring its state law claims under Maine's Oil Pollution statute, which displaces state common law claims. The court also decided that punitive damages were unavailable under the OPA.

On April 16, 1999, the jury returned a verdict in favor of South Port. The jury awarded South Port \$181,964 in damages for injury to property, \$110,000 for lost profits, and \$300,000 for injury to good will and business stress. After the jury verdict, appellees renewed their motion for judgment as a matter of law, moved for a new trial, and also renewed their challenge to appellant's right to trial by jury.

The district court denied appellees' challenge to the jury trial in an order and opinion issued July 27, 1999. The motions for judgment as a matter of law and for a new trial, however, were granted in part and denied in part by order and opinion issued October 14, 1999. The court held that the evidence presented to the jury was insufficient as a matter of law to support the award of damages for lost profits and other economic loss and reduced the jury's award by \$395,000. Ruling in the alternative in case its decision should be overturned on appeal, the court also granted appellees' motion for a new trial unless appellant would agree to a remittitur of \$100,000.

Appellant filed this timely appeal challenging the district court's rulings on the availability of punitive damages and sufficiency of the evidence, and appellees have cross-appealed the district court's decision that appellant was entitled to trial by jury. We will address the jury issue first, the punitive damages issue second, and the sufficiency of the evidence arguments last.

II. Law and Application

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A. Appellant's Seventh Amendment Right to Trial by Jury

In the district court, appellees moved to strike South Port's jury demand on the basis that the OPA claim was comparable to a claim in admiralty to which the Seventh Amendment's guarantee of trial by jury does not apply. The district court initially reserved judgment on the motion and impaneled a jury with the caveat that the jury's verdict would be merely advisory if the court later determined that appellant had no right to a jury trial. Following trial, on July 27, 1999, the district court ruled that the Seventh Amendment did in fact guarantee South Port a trial by jury on its OPA claim, and entered judgment according to the jury's verdict. Appellees now challenge that determination.

South Port's demand for a jury trial in its complaint bound the district court to Federal Rule of Civil Procedure 39, which required the court to try the case before a jury unless it found that South Port was not entitled to a jury trial under the Constitution or laws of the United States. <u>See</u> Fed. R. Civ. P. 39(a). Because the OPA does not create a statutory right to trial by jury, South Port's entitlement to such jury trial must stem, if at all, from the Seventh Amendment to the Constitution, which states, "In Suits at common law, where the value in controversy shall exceed twenty dollars, the right of trial by jury shall be preserved" U.S. Const. amend. VII.

As the Supreme Court has declared,

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Although "the thrust of the Amendment was to preserve the right to jury trial as it existed in 1791," the Seventh Amendment also applies to actions brought to enforce statutory rights that are analogous to common-law causes of action ordinarily decided in English law courts in the late 18th century, as opposed to those customarily heard by the courts of equity or admiralty.

<u>Granfinanciera, S.A.</u> v. <u>Nordberg</u>, 492 U.S. 33, 41-42 (1989). The issue before us, then, is whether South Port's OPA claim is analogous to a cause of action in admiralty in 1791, to which no right to trial by jury would apply, or to a cause of action at law, which carries the Seventh Amendment guarantee. We agree with the district court that in 1791, South Port would have brought its claim for damages to its marina under the common law rather than in admiralty, and we therefore affirm the use of a jury to hear the claim at trial.

The earliest cases from the United States courts on the scope of admiralty jurisdiction applied a "locality" test to determine whether a tort fell under the admiralty or common law jurisdiction. Justice Story, riding the Circuit in 1813, stated his understanding "that the jurisdiction of the admiralty is exclusively dependent upon the locality of the act. The admiralty has not (I believe) deliberately claimed to have any jurisdiction over torts, except such as are maritime torts, that is, such as are committed on the high seas, or on waters within the ebb and flow of the tide." <u>Thomas v. Lane</u>, 23

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F. Cas. 957, 960 (C.C.D. Me. 1813). More recently, the Supreme Court summarized the locality test as follows:

The traditional test for admiralty jurisdiction asked only whether the tort occurred on navigable waters. If it did, admiralty jurisdiction followed; if it did not, admiralty jurisdiction did not exist. This ostensibly simple locality test was complicated by the rule that the injury had to be "wholly" sustained on navigable waters for the tort to be within admiralty. Thus, admiralty courts lacked jurisdiction over, say, a claim following a ship's collision with a pier insofar as it injured the pier, for admiralty law treated the pier as an extension of the land.

<u>Grubart</u> v. <u>Great Lakes Dredge & Dock Co.</u>, 513 U.S. 527, 531 (1995) (citations omitted).

As suggested by <u>Grubart</u>, the "location" of a tort sometimes depended on the nature of the injured structure, <u>i.e.</u>, whether the structure was considered "an extension of the land." Beginning with <u>The Plymouth</u>, 70 U.S. (3 Wall.) 20 (1866), which found no admiralty jurisdiction over damage to a warehouse destroyed in a fire started on board a ship, admiralty jurisdiction "has not been construed to extend to accidents on piers, jetties, bridges, or even ramps and railways running into the sea." <u>Rodrigue</u> v. <u>Aetna Cas. Co.</u>, 395 U.S. 352 (1968). Using this rubric, South Port contends that the injury to its docks would not have fallen within the admiralty jurisdiction of the federal courts in 1791. Appellees, however, argue that several cases, most notably <u>The Blackheath</u>, 195 U.S. 361 (1904), support the opposite conclusion. In <u>The Blackheath</u>, Justice Holmes distinguished <u>The Plymouth</u> and announced the Court's decision that a collision with a beacon would lie in admiralty since it served as a navigational aid. This remained so despite the fact that the structure is "technically land, through a connection at the bottom of the sea," <u>Id.</u> at 367.

Appellees have failed to persuade us, however, that <u>The</u> <u>Blackheath</u> or any of the other cases cited in their briefs invalidated the rule established in <u>The Plymouth</u>. In fact, in <u>Cleveland Terminal</u> & <u>Valley R. Co.</u> v. <u>Cleveland S.S. Co.</u>, 208 U.S. 316 (1908), the Supreme Court addressed the tension between <u>The Plymouth</u> and <u>The Blackheath</u> and concluded that the two decisions were not incompatible. After discussing both cases, the Court reaffirmed that admiralty jurisdiction did not extend to injuries inflicted by a vessel upon a bridge, its protective pilings, and an adjacent dock, stating that "the bridges, shore docks, protection piling, piers, etc., pertained to the land. They were structures connected with the shore and immediately concerned commerce upon land. None of these structures were aids to navigation in the maritime sense, but extensions of the shore and aids to commerce on land as such." <u>Id.</u> at 321.

Moreover, courts specifically examining the nature of floating docks have consistently held that they do not possess the

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characteristics associated with maritime objects. In Cope v. Vallete Dry-Dock Co., 119 U.S. 625 (1887), for example, the Supreme Court decided that the salvage of floating dry-docks could not properly fall under admiralty jurisdiction because they "had no means of propulsion . . . and were not designed for navigation." Id. at 627. Circuit cases in this century have reached similar conclusions. <u>See</u>, e.q., Atkins v. Greenville Shipbuilding Corp., 411 F.2d 279, 282-83 (5th Cir. 1969) (holding that as a matter of law, a floating dock was not a "vessel" owing a maritime warranty of seaworthiness); Royal Ins. Co. of America v. Pier 39 Ltd. Partnership, 738 F.2d 1035, 1037 (9th Cir. 1984) (ruling that policies insuring floating docks did not fall under admiralty jurisdiction because the subject matter was not maritime); <u>cf. Digiovanni</u> v. <u>Traylor Bros.</u>, 959 F2d 1119, 1123 (1st Cir. 1992) (stating that if a float is not in actual navigation, the test for whether it qualifies as a vessel is whether its "purpose or primary business is . . . navigation or commerce"). Thus, appellees' emphasis on the floating nature of South Port's docks is insufficient and misplaced. See id. ("Floating is not enough."). Although these structures move with the ebb and flow of the tides, they remain moored to a fixed location and serve no navigational function. Indeed, their purpose is precisely the same as that of traditional fixed piers or docks: to facilitate commerce on land, presumably conducted in and around whatever retail and repair facilities are operated by South

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Port. In essence, South Port's floating docks are "extensions of the land" in the sense of that phrase in eighteenth century admiralty jurisprudence. Consequently, a tort that causes damage to them does not occur "wholly on the navigable waters" and would have constituted an action at law, rather than in admiralty, in the late eighteenth century.¹

We therefore agree with the district court that South Port's OPA claim is analogous to a claim under the common law at the time of the Seventh Amendment's ratification in 1791, and that South Port was entitled to trial by jury.

B. <u>Punitive Damages</u>

Plaintiff contends that the district court erred in ruling that punitive damages were unavailable as a matter of law. We affirm the district court's ruling.

Plaintiff's complaint alleged six "counts": a claim under the OPA, four state law tort claims, and a count entitled simply "Punitive Damages." Punitive damages, however, do not constitute a separate

¹ The district court correctly noted that the Admiralty Extension Act of 1948, 46 U.S.C. § 740 (1994), which eliminates the land-water distinction, does not affect the analysis here. While the Act might permit the extension of admiralty jurisdiction over South Port's tort action today, it does not divest the claim of its original common law character and its attendant right to trial by jury. <u>See</u>, <u>e.g.</u>, <u>California</u> v. <u>Bournemouth</u>, 307 F. Supp. 922, 925 (C.D. Cal. 1969) ("[T]he legislative history clearly indicates that the Act makes available a <u>concurrent</u> remedy in admiralty for the existing common-law action.").

cause of action, but instead form a <u>remedy</u> available for some tortious or otherwise unlawful acts. Consequently, plaintiff's claim for punitive damages must relate to some separate cause of action which permits recovery of punitive damages.

Despite a valiant effort, plaintiff has been unable to point to a legal basis for its punitive damages claim. One of the four tort claims alleged in the complaint might have been adequate; those claims, however, were dismissed by the trial court, a decision which plaintiff has not challenged on appeal. The remaining possibilities, therefore, are (1) the OPA, or (2) general admiralty and maritime law.

1. OPA Does Not Provide for Punitive Damages

In 1990, in the wake of the Exxon Valdez and other oil spill disasters, Congress established a comprehensive federal scheme for oil pollution liability in the OPA. <u>See 33 U.S.C. § 2702 et seq.</u> (1990). The OPA sets forth a comprehensive list of recoverable damages, including: removal costs; damage to natural resources and real or personal property; loss of subsistence use of natural resources; loss of government revenues, lost profits and earning capacity; and costs of increased or additional public services occasioned by the unlawful act. <u>See 33 U.S.C. § 2702(b)</u>. Absent from that list of recoverable damages is any mention of punitive damages. The question before us, therefore, is whether, by leaving punitive damages out of the OPA, Congress intended to supplant the general admiralty and maritime law that

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existed prior to the enactment of the statute, which permitted the award of punitive damages for reckless behavior. <u>See</u>, <u>e.g.</u>, <u>CEH</u>, <u>Inc.</u> v. <u>F/V Seafarer</u>, 70 F.3d 694, 699 (1st Cir. 1995) (punitive damages long recognized in admiralty actions for willful or reckless conduct).

2. <u>Congress Intended the OPA To Be the Exclusive</u> <u>Federal Law Governing Oil Spills</u>

First, we note that, although the parties have referred to this issue as one of "preemption," it does not present any of the federalism concerns normally associated with that word, because we are concerned only with the OPA's effect on preexisting *federal* law. The question, therefore, is not complicated by any "presumption against preemption," <u>see</u>, <u>e.g.</u>, <u>Medtronic</u>, <u>Inc.</u>, v. <u>Lohr</u>, 518 U.S. 470, 485 (1996), but is rather a straightforward inquiry into whether Congress intended the enactment of the OPA to supplant the existing general admiralty and maritime law, which allowed punitive damages under certain circumstances in the area of oil pollution. We conclude that Congress did so intend.

The best indication of Congress's intentions, as usual, is the text of the statute itself. <u>See Strickland v. Com'r Dept. Human</u> <u>Services</u>, 48 F.3d 12, 17 (1st Cir. 1995). Section 2702 sets forth a list of damages recoverable under the OPA, briefly describing each type. As we have noted already, this scheme is comprehensive. To our

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knowledge no case or commentator has suggested that the availability of punitive damages under general admiralty and maritime law survived the enactment of the OPA. We take this to be a strong indication that Congress intended the OPA to be the sole federal law applicable in this area of maritime pollution.

The text of the statute is not without its limitations, however. Plaintiff emphasizes the language at 33 U.S.C. § 2718, which states that the OPA shall not be construed as "preempting the authority of any State or political subdivision thereof from imposing any additional liability," 33 U.S.C. § 2718(a), nor to "affect the authority of the United States of any State or political subdivision thereof (1) to impose additional liability of additional requirements; or (2) to impose, or to determine the amount of, any fine or penalty (whether criminal or civil in nature) for any violation of law," <u>id.</u> § 2718(c). Plaintiff also points to 33 U.S.C. § 2751, which states that "[e]xcept as otherwise provided in this chapter, this chapter does not affect . . . admiralty and maritime law." Plaintiff argues that this language demonstrates that Congress intended to leave open claims and damages other than those enumerated in the OPA.

We have indeed acknowledged that Congress did not intend the OPA to bar the imposition of additional liability by the States. <u>See</u> <u>Ballard Shipping Co.</u> v. <u>Beach Shellfish</u>, 32 F.3d 623, 630-31 (1st. Cir. 1994) (using OPA to support validity of state liability statute

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permitting recovery for purely economic loss). That determination rested on the underlying federalism concerns that counsel a skeptical view towards federal preemption of state statutes. See id. at 630 ("Where as here the state remedy is aimed at a matter of great and legitimate state concern, a court must act with caution."). This case, however, presents an entirely different issue, namely, whether Congress's very specific treatment of oil pollution in the OPA, which does not provide for punitive damages, supplanted general admiralty and maritime law, which has traditionally provided for the general availability of punitive damages for reckless conduct. This question has largely been decided for us by the Supreme Court in Miles v. Apex Marine, 498 U.S. 19 (1990), in which the Court declined to supplement damage provisions of the Death on the High Seas Act, 46 U.S.C. § 762. The Court refused to allow recovery for loss of society when such damages were not provided in the statute, reasoning that "in an 'area covered by statute, it would be no more appropriate to prescribe a different measure of damage than to prescribe a different statute of limitations, or a different class of beneficiaries.'" See Miles, 498 U.S. at 31 (quoting Mobil Oil Corp. v. Higginbotham, 436 U.S. 618, 625 (1978)). As we indicated in <u>CEH</u>, 70 F.3d 694 (1st Cir. 1995), <u>Miles</u> dictates deference to congressional judgment "where, at the very least, there is an overlap between statutory and decisional law." Id. at 701. Such is obviously the case here.

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Although our analysis might end there, we think it necessary to address plaintiff's contention that the OPA should be construed more liberally because it was enacted for the purposes of benefitting the victims of oil pollution and punishing its perpetrators. While we agree that such intentions were Congress's principal motivation in enacting the OPA, we think it would be naive to adopt so simpleminded a view of congressional policymaking in light of the competing interests addressed by the Act. For instance, the OPA imposes strict liability for oil discharges, provides both civil and criminal penalties for violations of the statute, and even removes the traditional limitation of liability in cases of gross negligence or willful conduct. Yet at the same time, the Act preserves the liability caps in most cases and declines to impose punitive damages. We think that the OPA embodies Congress's attempt to balance the various concerns at issue, and trust that the resolution of these difficult policy questions is better suited to the political mechanisms of the legislature than to our deliberative process.

For the reasons set forth above, we agree with the district court that punitive damages were not available to plaintiff and affirm the court's ruling on that issue.

C. <u>Sufficiency of the Evidence</u>

Finally, South Port challenges the district court's decision granting judgment as a matter of law to defendants on sufficiency-ofthe-evidence grounds. The court held that, as a matter of law, South Port had failed to introduce sufficient evidence to support the jury's verdict with regard to most of the damages claimed for lost profits and "other economic harm." We affirm this decision in part, and we reverse in part.

1. Lost Profits

The jury awarded \$110,000 of the \$185,062 that South Port requested for damages in the form of lost profits. These alleged damages were presented in two main categories: (1) \$105,000 in lost slip revenues resulting from a delay in South Port's plans to dredge and expand the marina by approximately twenty-five slips, and (2) \$80,062 from business interruption, including diversion of South Port's labor force and the loss of slip fees due to the temporary closing of the facility. The district court, however, vacated all but \$15,000 of this award on the ground that it was not supported by sufficient evidence.

We disagree with the district court's conclusion that South Port failed to introduce evidence sufficient to support the award for lost slip revenues. Plaintiff presented testimony establishing the marina's plan to dredge the cove leading to the marina, as well as

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parts of the marina itself, and to expand the marina by some twentyfive slips. South Port further offered proof sufficient to support a finding that the delay in this improvement to the business was caused, at least in part, by the February 5, 1997 gasoline spill. The district court noted that South Port introduced no evidence to support its hope that the additional slips could be filled if constructed and that no comparison was made with other marinas or with any indicator of the number of boats in the Portland Harbor area seeking dockage. We believe, however, that a jury could reasonably infer that South Port's very willingness to make a substantial investment was grounded in some professional certainty that a market would, in fact, exist once the dredging was completed. Although the district court did not find compelling the fact that the existing slips had been nearly full in years prior to the spill, we think this evidence substantially supports an inference that the new slips would also be in demand. Thus, we uphold the jury's award for lost slip fees resulting from the delay in expansion and improvement.

We also cannot agree with the district court's conclusion on the issue of diversion of South Port's workforce. The jury apparently compensated South Port for the losses incurred by the marina when it was forced to allocate employees who normally serviced boats (and billed clients) to dock repair necessitated by the spill. The district court vacated this award for the same reason it vacated the award for

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lost slip fees--that the plaintiff had failed to establish demand for the service work that the employees allegedly would have been doing had they not been needed for repairs. Again, we think that the claimed damage is considerably less speculative than it appeared to the district court. South Port claims that, absent the spill, things would have proceeded essentially as they always had at the marina, with a portion of the labor force performing service work that could be billed to clients rather than nonbillable repair work. Robert Craig, South Port's damage expert, testified that he had spoken with the principal operator of the marina, Kip Reynolds, and others, and that he had also seen the diversion of labor with his own eyes. Although Craig admitted that the time cards used by South Port's employees did not allocate hours to specific projects or types of work, he explained how he had arrived at his expert opinion and estimates. Appellant might have done more to establish this element of the damages it claimed. Nevertheless, we think that the proof presented meets the minimum inferential threshold and that the jury award should not have been disturbed. We therefore reverse the district court on its evaluation of the lost slip revenue diversion of labor issues and reinstate the jury's award of \$110,000.

2. Other Economic Losses

The district court also vacated the jury's award for a \$100,000 loss in goodwill and a \$150,000 for business stress. After

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reviewing the record, we agree with the district court that the evidence is insufficient to support the jury's verdict on these claims.

South Port's goodwill loss is based upon a projected loss of value of the business after the spill. Certainly, a bad reputation which lingers even after South Port repairs its damages could affect its expected earnings. This loss could be calculated by discounting the estimated loss of future revenues to present value or, alternatively, by assessing the decrease in value of the business to potential buyers after the spill repairs. South Port's estimated loss, however, was not adequately supported by either of these calculations.

Craig offered his expert opinion that South Port's goodwill following the spill was approximately \$100,000, or ten percent of the value of the business. The court correctly determined that the jury could accept that ten percent is typically the value of goodwill in this type of business. However, as the district court observed, Craig "never gave any basis for concluding that this goodwill had been reduced to zero or to any other number." Craig did identify the potential perception that South Port marina was located in a cove susceptible, for geographic reasons, to spill-related pollution, and South Port introduced evidence at least suggesting damage to its reputation in the community (media coverage, etc.). There were no concrete numbers, however, explaining how these factors affected all, or even part, of the goodwill of the business

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Similarly, South Port provided no basis for its estimation of business stress. Like goodwill loss, this claim involved a form of the loss in value of the business: the reduction in the value of the business due to the bank loan default and the risk that the workout plan may not succeed. Although this is a plausible claim for recovery, Craig offered no analysis for quantifying this potential loss at \$150,000. The district court concluded that Craig's estimate was not supported by evidence that he conducted a more specific investigation "regarding the market for a business like South Port Marine's." We agree.

A reasonable calculation of loss due to business stress might take into account general data concerning the reduced value of businesses in default or a specific showing that this property had declined in market value. At the very least, the calculation of business stress resulting from South Port's workout plan required a specific computation of its risk of failure in the same arrangement. However, Craig derived his estimation simply as a portion of South Port's \$600,000 net value after deducting the loan. We believe this, without a more accurate account, is an insufficient foundation to sustain the jury's award. Accordingly, we affirm the district court's vacatur of the awards for loss of goodwill and business stress.

Affirmed in part, reversed in part. Remanded for action consistent with this opinion.

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