

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 costs generated by "gold-plating," inefficiency or strategic  
2 investments to support broadband or other services should be  
3 ineligible for recovery.

4 **Q. WHY SHOULD ONLY EFFICIENT, FORWARD-LOOKING COSTS BE**  
5 **RECOVERED?**

6 A. The reason is the same as in the case of TELRIC-based  
7 pricing for UNEs, namely, that only such costs would be  
8 recoverable in a competitive market.

9 **Q. COULD YOU PROVIDE A PRACTICAL EXAMPLE OF THE APPLICATION OF**  
10 **THE EFFICIENT, FORWARD-LOOKING INCREMENTAL COST PRINCIPLE OF**  
11 **COST RECOVERY AS IT APPLIES TO NON-RECURRING COSTS?**

12 A. Yes. Consider a monopoly provider that still employs  
13 significant manual processes in its operations support  
14 functions. In order to meet the Act's requirements, that  
15 incumbent must upgrade its systems with new computer  
16 functionality and ensure that the upgraded computer systems  
17 are multiple-carrier capable. It is only these latter,  
18 incremental costs of moving from an efficient monopoly to an  
19 efficient multiple-carrier environment that should be  
20 eligible for recovery. The "upgrade" costs to reach the  
21 efficient monopoly baseline should be wholly ineligible for

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 recovery.<sup>3</sup> Similarly, transaction costs are not properly  
2 measured by the incumbent's costs of its outdated manual  
3 processes, but by the costs an efficient provider with  
4 electronic capabilities would incur.

5 **Q. SHOULD THE COMMISSION GENERALLY BE SKEPTICAL OF NYT'S**  
6 **ESTIMATES OF "NON-RECURRING" COSTS?**

7 A. Yes. There are a number of reasons why the Commission  
8 should be exceedingly skeptical of such estimates. First,  
9 as already explained, to the extent that these charges are  
10 imposed on entrants alone, they create entry barriers and  
11 generally impede competition. It is in NYT's interest to  
12 create and maintain such barriers, and NYT's proposal must  
13 be viewed with that in mind.

14  
15 Second, before the onset of competition, and particularly  
16 during the period of rate-of-return regulation, incumbent  
17 LECs did not have sufficient incentives to operate

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<sup>3</sup> It should be noted that even if it does not have electronic systems in place, under TELRIC principles an incumbent would already be compensated for electronic operational support systems through its recurring charges for network elements, which, applying TELRIC, assume efficient, forward-looking electronic facilities and functionalities. By the same token, where an incumbent is already multiple-carrier capable because of its prior interconnections with CAPs, for

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1       efficiently. And even under current price-cap regulation,  
2       efficiency incentives are generally not as potent as in a  
3       well-functioning, competitive market.<sup>4</sup> It cannot be  
4       assumed, therefore, that NYT's operations are efficient and  
5       that the non-recurring changes do not include any upgrade  
6       costs.

7       Third, because these non-recurring charges are novel, there  
8       is little experience in how they should be estimated. As  
9       evidenced in this proceeding, NYT itself has a poor idea how  
10      to estimate them.

11  
12      Fourth, there is a danger that NYT may be able to recover  
13      these non-recurring costs more than once. First, some of  
14      the R&D costs incurred by Bellcore towards the development  
15      of forward-looking operations support systems have already  
16      been recovered by means of usual charges to existing  
17      telecommunications customers. Thus, some of the costs of  
18      adapting its network to a competitive environment, which NYT

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example, the incumbent should not be able to recover those costs again from new entrants.

<sup>4</sup> See M. Armstrong, S. Cowan, and John Vickers, Regulatory Reform: Economic Analysis and British Experience, The MIT Press (1994), chap. 6; B. Douglas Bernheim and Robert D. Willig, The Scope of Competition in Telecommunications, American Enterprise Institute (October 25, 1996), chap. 4.

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 now wants to load on its rivals, may already have been  
2 recovered. Second, some of these non-recurring costs can be  
3 included as part of the forward-looking recurring costs  
4 category, and again as extraordinary "mark-ups" that NYT  
5 seeks here. The Commission must guard against such an  
6 outcome.

7 In all events, the combination of the dearth of experience  
8 and NYT's anticompetitive incentives to raise its potential  
9 rivals' costs counsels careful scrutiny.

10 **Q. ONCE THE COMPETITION ONSET AND TRANSACTION COSTS ELIGIBLE**  
11 **FOR RECOVERY ARE IDENTIFIED, WHAT RECOVERY MECHANISMS SHOULD**  
12 **BE EMPLOYED?**

13 A. Public policy considerations mandate that competition onset  
14 and transactions costs should be recovered differently. The  
15 recovery mechanisms must obey two overarching principles in  
16 order to satisfy the pro-competitive goals of the Act. The  
17 first is the general principle of "cost causation"; and the  
18 second is the principle of "competitive neutrality."

19 **Q. WHAT DO YOU MEAN BY "COST CAUSATION" PRINCIPLE?**

20 A. The cost causation principle states that costs should be  
21 recouped from those who cause them. Application of this  
22 principle leads to efficient resource allocation, and the

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 principle is automatically satisfied in a competitive  
2 market. In the new telecommunications marketplace, this  
3 principle underlies the adoption of TELRIC-based prices for  
4 unbundled network elements. As can be readily seen, if  
5 revenues from the usage of an unbundled element cover the  
6 element's TELRIC, then the social value of the output  
7 produced using this unbundled element is no less than the  
8 social cost of resources used in providing the unbundled  
9 element, an efficient outcome that obtains in a competitive  
10 marketplace.

11 **Q. WHAT DO YOU MEAN BY "COMPETITIVE NEUTRALITY?"**

12 A. Here, competitive neutrality in the recovery of non-  
13 recurring costs means that the share of these costs borne by  
14 any carrier does not affect significantly that carrier's  
15 ability to compete with other carriers for customers in the  
16 marketplace. Conversely, if any one carrier or group of  
17 carriers bears a significantly greater share of these costs  
18 than another carrier or group - or as NYT proposes here, one  
19 group bears all of those costs - that carrier or group is  
20 significantly disadvantaged in competing for customers. If  
21 the principle is violated, end users will not necessarily be

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 served by the least cost provider, and, in extreme cases,  
2 competition may be stifled altogether.

3 **Q. WHAT IS THE BASIS FOR THE APPLICATION OF THE "COMPETITIVE**  
4 **NEUTRALITY" PRINCIPLE IN THIS PROCEEDING?**

5 A. The competitive neutrality principle follows from the Act's  
6 nondiscrimination standard.

7 **Q. PLEASE ILLUSTRATE THE APPLICATION OF THE PRINCIPLE.**

8 A. To illustrate the principle, it is useful to think of NYT as  
9 comprising two vertically integrated companies - one that  
10 owns the local network and sells access to that network to  
11 other carriers (including its retail "affiliate"). The  
12 second is the downstream affiliate that retails end user  
13 services (and that purchases network elements and services  
14 just like unaffiliated competing carriers). Competitive  
15 neutrality (and the nondiscrimination standard) is met when  
16 NYT's retail division is required to bear the same costs  
17 that other retail providers must pay. The principle is  
18 violated when NYT's network division assesses unaffiliated  
19 carriers with charges its does not assess its affiliated  
20 retail provider.

21 **Q. WHAT ARE THE IMPLICATIONS OF THE COMPETITIVE NEUTRALITY**  
22 **PRINCIPLE FOR THE RECOVERY OF "NON-RECURRING" COSTS?**

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 A. The specific requirement of competitive neutrality for the  
2 recovery of non-recurring costs constrains the applicability  
3 of the principle of cost causation. In particular, Congress  
4 has already determined that the social benefits of  
5 undistorted competitive entry outweigh its social costs,  
6 including one-time competition onset costs and certain  
7 transaction costs that must be incurred by the incumbent and  
8 entrants. Consequently, it is not necessary to subject the  
9 parties' competition onset costs to a cost causation test,  
10 provided that these costs meet the requirement that they are  
11 efficient and forward-looking. At the same time, the cost  
12 causation principle is important to assure that requesting  
13 carriers are willing to pay the full social cost of specific  
14 services and facilities that they request. However, one  
15 requesting carrier, NYT's retail arm, solely by virtue of  
16 its existing vertical integration with the network owner,  
17 may be able to obtain certain services and facilities  
18 without incurring transactional or competition onset costs.  
19 Under these circumstances, application of cost causation  
20 principles could, where entrant's "non-recurring" costs are  
21 substantial, impede or foreclose entry.

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 **Q. WHAT RECOVERY MECHANISM DO YOU PROPOSE FOR TRANSACTION COSTS**  
2 **THAT ARE ELIGIBLE FOR RECOVERY?**

3 A. By definition, transaction costs are directly caused by a  
4 specific carrier's request for services or facilities.  
5 These costs should be recovered in accordance with ordinary  
6 principles of cost causation, provided that this does not  
7 undermine the competitive neutrality principle. So long as  
8 these costs are appropriately measured using TELRIC  
9 principles, imposing these costs on the cost-causing carrier  
10 fosters efficiency by assuring that the social value of the  
11 output produced in filling the order is no less than the  
12 social cost of resources needed to produce it.

13 **Q. IS THIS METHODOLOGY CONSISTENT WITH THE PRINCIPLE OF**  
14 **COMPETITIVE NEUTRALITY?**

15 A. Yes, at least as far as service order and related costs are  
16 concerned. First, NYT may itself incur such transaction  
17 costs in filling similar "orders" for services and  
18 facilities placed by its "retail" arm. Second, as noted  
19 above, these costs are likely to be very small on a unit  
20 basis, because the operations can largely be accomplished  
21 through electronic means, and thus, even if NYT does not

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 incur similar costs, the resulting cost disparity is  
2 unlikely to be particularly distortive.

3 **Q. SHOULD THE SAME COST CAUSATION PRINCIPLE APPLY TO MORE**  
4 **SIGNIFICANT TRANSACTION COSTS - FOR EXAMPLE, THE COSTS**  
5 **RELATING TO THE CONSTRUCTION OF A COLLOCATION CAGE?**

6 A. The appropriate solution is less clear when transaction  
7 costs become significant and are of a type that NYT is  
8 unlikely to incur. In the physical collocation cage  
9 example, application of cost causation principles would  
10 assure competitive neutrality among those new entrants who  
11 wish to collocate their facilities on the premises of the  
12 ILEC. Assessing collocation costs against the cost-causer  
13 assures that no one entry strategy is favored. This outcome  
14 is generally consistent with the intent of the Act to  
15 facilitate and promote competition in general, and not to  
16 favor one entrant (or entry strategy) over another.<sup>5</sup>

17

18 It must be recognized, however, that assessing potentially  
19 significant non-recurring charges, like the cost of the  
20 cage, against new entrants raises at least three serious

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<sup>5</sup> For example, if collocation cage costs were not defrayed by a cost causer, those entrants with high collocation costs would not be discouraged from entry.

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 policy concerns. First, to the extent such charges are  
2 built into UNE rates or wholesale discounts, it may prove  
3 difficult to remove them, even though the need for them has  
4 long passed. Consequently, great care must be exercised not  
5 to allow such charges to run indefinitely. Second, NYT will  
6 have strong incentives to shift competition onset costs  
7 which are not recovered directly from entrants to these  
8 transaction cost categories which are recovered from  
9 entrants. Doing so disadvantages entrants, stifles  
10 competition, and artificially protects NYT's market power.  
11 Consequently, great care must be taken to assure that these  
12 transaction costs are strictly limited to the efficient,  
13 forward-looking incremental costs directly attributable to  
14 the activities in question. Third, and most important, such  
15 transaction costs are a potential entry barriers merely  
16 because of prior vertical integration. These costs are not  
17 incurred by NYT's retail "affiliate". Consequently, the  
18 performance of significant differential transaction cost  
19 confers a competitive advantage on NYT, which already enjoys  
20 significant competitive advantages in the local marketplace.  
21

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 **Q. DOES THIS MEAN THAT THERE ARE PUBLIC POLICY REASONS FOR**  
2 **SHIFTING SOME TRANSACTION COSTS INTO THE BROADER CATEGORY OF**  
3 **COMPETITION ONSET COSTS WHICH SHOULD BE RECOVERED IN A**  
4 **COMPETITIVELY NEUTRAL FASHION?**

5 A. Yes. Because NYT does not incur certain transaction costs  
6 for its retail activities (and because early entrants may  
7 face differential entry barriers as compared to subsequent  
8 entrants), it is consistent with the pro-competitive goals  
9 of the Act to shift some portion of those costs into the  
10 general pool of competition onset costs which are to be  
11 recovered through a competitively neutral mechanisms. Doing  
12 so would facilitate entry and competition in the provision  
13 of local exchange services. All telecommunications  
14 consumers -- not only those who actually switch to the new  
15 entrant -- benefit from increased competition, as described  
16 earlier. Hence, there is a rationale, consistent with the  
17 1996 Act, that all telecommunication consumers should be  
18 required to pay some share of transaction costs if that is  
19 necessary to ensure effective and undistorted competition.  
20 This approach creates the risk that collocation and other  
21 transaction costs -- as perceived by the entrant -- are

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 entrant to "overdemand" the most costly services and  
2 facilities.

3 **Q. PLEASE DESCRIBE NOW THE RECOVERY OF COMPETITION ONSET COSTS.**  
4 **DOES THE PRINCIPLE OF COST CAUSATION SUPPORT RECOVERY OF**  
5 **COMPETITION ONSET COSTS SOLELY FROM NEW ENTRANTS.**

6 A: No. Competition onset costs are in no sense "caused" by  
7 AT&T or any other potential entrant. The most obvious reason  
8 is that even if not a single new competitor were ever to  
9 enter NYT's service territory, NYT would still have to incur  
10 these costs in anticipation of competition materializing at  
11 some point in the future. Plainly, if there is no entry,  
12 there are also no entrants from whom these costs can be  
13 recovered, even though such costs have been incurred.  
14 Congress, by passing the Act and for the benefit of end  
15 users, ordered NYT and other incumbents to make their  
16 networks multiple-carrier capable. One might argue that  
17 "Congress" is the "cost causer." Congress did not  
18 appropriate funds to defray these costs, so these costs must  
19 be defrayed from other sources. Given that Congress  
20 mandated local competition for the benefit of end users -  
21 who, if the Act is successfully implemented, will see lower  
22 prices, better quality and more choices - the principle of

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 cost causation dictates that end users should ultimately  
2 bear these competition onset costs.

3

4 Further, even if the general principle of cost causation  
5 should indicate - which it does not -- that competition  
6 onset costs be recovered from new entrants, the competitive  
7 neutrality requirements embodied in the 1996 Act bar that  
8 approach. Charging all competition onset costs to new  
9 entrants would mean that NYT would be the sole carrier  
10 exempt from such charges. That method of recovery would  
11 differentially advantage NYT, exacerbate existing entry  
12 barriers, make entry less profitable -- hence less likely -  
13 - and would have the effect of perpetuating the NYT's  
14 monopoly and market power. Stated simply, recovery of  
15 competition onset costs, exclusively from new entrants, as  
16 proposed by NYT, would undermine the fundamental objectives  
17 of the Telecommunications Act and would seriously hamper the  
18 development of local competition in New York.

19 **Q. PLEASE ELABORATE WHY RECOVERING ONSET COSTS SOLELY FROM**  
20 **ENTRANTS WOULD BE INCONSISTENT WITH THE PROCOMPETITIVE**  
21 **OBJECTIVES OF THE ACT?**

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 A. Yes. As stated above, the principal goal of the Act is to  
2 promote effective competition in all telecommunications  
3 services, including local exchanges. The resale and  
4 unbundling provisions in the Act indicate that the Congress  
5 has concluded that the social benefits from fostering  
6 competition in local exchange telecommunications markets  
7 exceed the pertinent social costs, including the non-  
8 recurring, competition onset costs that will have to be  
9 incurred by NYT and other incumbents as a result of these  
10 provisions. These social benefits from competition in the  
11 provision of local exchange services will inure to all  
12 telecommunications consumers, not only to those who obtain  
13 their local services from new entrants. It would,  
14 therefore, undermine the pro-competitive objectives of the  
15 1996 Act to require prospective entrants to bear all of  
16 NYT's competitive onset costs, in addition to legitimate  
17 recurring costs and the entrants' own competition onset  
18 costs, because doing so would discourage the very entry that  
19 Congress intended.

20 **Q DOES THAT MEAN THAT COMPETITION ONSET COSTS SHOULD BE**  
21 **DIRECTLY CHARGED TO END USERS?**

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 A That approach would certainly be consistent with the  
2 principle of competitive neutrality. However, there need  
3 not be an explicit end user charge to accomplish that  
4 result. So long as competition onset costs are borne by all  
5 carriers in a non-discriminatory manner, no carrier is  
6 thereby disadvantaged and the requirement of competitive  
7 neutrality is satisfied. It should also be noted that, a  
8 competitively neutral recovery need not controvert the  
9 general principle of cost causation. This is because even  
10 in a competitive market, a provider has the opportunity to  
11 pass through costs to its customers if (and only if) its  
12 competitors also incur such costs. Hence, as long as all  
13 competitors are non-discriminatorily encumbered with these  
14 non-recurring costs, all will have the opportunity to  
15 recover them.

16 **Q. WOULD DENYING NYT'S REQUEST TO CHARGE ENTRANTS FOR NYT'S**  
17 **COMPETITION ONSET COSTS PLACE NYT AT A COST DISADVANTAGE?**

18 A. Not necessarily. I have been focusing here (as NYT's  
19 proposal does) only on the competition onset costs incurred  
20 by NYT. But NYT is not the only carrier that has incurred  
21 or will incur significant one-time costs to facilitate  
22 competition. AT&T and other new entrants must also incur

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1       such costs. The very concept of electronic gateways and  
2       interfaces, for example, is to create a "neutral" interface  
3       that "translates" electronic communications between  
4       incumbent and entrant computer systems. Developing,  
5       implementing, and testing these translations will obviously  
6       require work and expense for both NYT and AT&T and other  
7       entrants. If NYT's competition onset costs are apportioned  
8       among carriers but AT&T's costs remain with AT&T, NYT could  
9       gain a competition-distorting cost advantage over AT&T and  
10      other entrants, solely because its retail operations do not  
11      have to incur such costs.

12   **Q.    COULD YOU ILLUSTRATE THIS POINT WITH AN EXAMPLE?**

13      Yes. Consider NYT as comprising two affiliated entities,  
14      one that owns the network and the other that provides the  
15      retail services. NYT's retail arm is the one retail  
16      provider that does not have to incur any gateway costs,  
17      because by virtue of its historical, vertically integrated  
18      relationship with the network owner, its computer systems  
19      have been designed from the start to "talk" with the network  
20      owner's computer systems. Obviously if all retail  
21      providers, including NYT's retail arm, had to make similar  
22      investments on their end to accomplish the necessary

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 multiple carrier communications and interconnections, the  
2 fact that AT&T has to incur such costs would raise no public  
3 policy concerns. But that is not the case - AT&T's gateway  
4 costs are the result of pre-existing industry structure.  
5 Hence, the goals of undistorted and effective entry, as  
6 mandated by the Act, can only be accomplished if the gateway  
7 and other competition onset costs that new entrants - and  
8 only new entrants - must expend in order to offer local  
9 service are, to a maximal extent, removed from the entry and  
10 expansion calculus that determines who should win the  
11 customer. What should matter in the new environment is  
12 costs net of onset costs.

13 **Q. WHAT IS A POSSIBLE SOLUTION TO THIS PUBLIC POLICY CONCERN?**

14 A. Efficiency criteria and the 1996 Act might suggest as a  
15 solution that all competition onset costs of all carriers -  
16 NYT, AT&T and other new entrants - be lumped into a single  
17 pool and then recovered from carriers, including NYT in a  
18 competitively neutral manner, say on a basis of  
19 proportionate share of total customers served. But this,  
20 obviously, would be an administrative nightmare with every  
21 entrant required to file cost studies to justify its  
22 competition onset cost proposals. Other problems would

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 arise, for example, when an entrant whose costs were  
2 included in the common pool failed raising the question  
3 whether other carriers should continue to pay for the failed  
4 carrier's competition onset investments.

5 **Q. IS THERE ANOTHER ALTERNATIVE RECOVERY PLAN?**

6 A. Yes. A much more reasonable solution - and one with the  
7 added benefit that it would obviate any need for the  
8 Commission to review anybody's competition onset cost  
9 proposals - would be for every carrier, including NYT to pay  
10 its own competition onset costs. This approach has the  
11 virtues of being cheap and easy to administer and  
12 efficiency-enhancing (because it reduces incentives to  
13 overinvest in competition onset costs). It would also  
14 provide NYT with an opportunity to recover its competition  
15 onset costs from end users inasmuch as its reail costs would  
16 be lower than rivals due to prior vertical integration.

17 **Q: IF THE COMMISSION NONETHELESS DETERMINES THAT NYT SHOULD**  
18 **RECOVER SOME OF ITS COMPETITION ONSET COSTS FROM ITS**  
19 **COMPETITORS, HOW CAN THE COMMISSION BEST ASSURE CONSISTENCY**  
20 **WITH THE COMPETITIVE NEUTRALITY REQUIREMENT?**

21 A: Once the pool of NYT's eligible competition onset costs is  
22 determined using appropriate TELRIC principles, there are at

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1           least three minimum requirements for competitive neutrality,  
2           none of which seem to be present in the NYT proposal.

3

4           First, with few, if any, exceptions, competition onset cost  
5           recovery should be independent of the choice of entry  
6           strategy: there should be competitive neutrality between  
7           UNE-based entry vs. resale entry vs. facilities-based entry.  
8           This prescription reflects the serious danger that NYT will  
9           attempt to allocate onset costs in a manner that advantages  
10          some entrants (and entry strategies) and disadvantages  
11          others. For example, if NYT perceives that it has less to  
12          fear in the marketplace from resellers than from UNE-based  
13          competitors, it has a strong anticompetitive motive to load  
14          an undue share of the overall onset costs on UNE-based  
15          competitors. NYT should not be allowed differentially to  
16          disadvantage its competitors. The Act treats all modes of  
17          competition as equally desirable. Absent a clear  
18          prohibition against such strategic misallocations, however,  
19          this strategy would be very easy to implement because, as  
20          NYT's submission makes it clear, it cannot estimate any of  
21          the pertinent costs with precision. Accordingly, the best  
22          course in the real world of imperfect information and NYT  
23          incentives to abuse that uncertainty with strategic

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 allocations is for the Commission to place all competition  
2 onset costs into a single pool with recovery apportioned on  
3 an entry-strategy- neutral metric such as number of retail  
4 customers served.

5  
6 Second, recovery should be maximally independent of entry  
7 date - i.e., competitively neutral between early and  
8 subsequent entrants. In this regard, it must be recognized  
9 that both current and future customers (and carriers) will  
10 benefit from the new multiple-carrier competitive regime.  
11 The investments in multiple-carrier capabilities are long-  
12 term investments similar to an incumbent's long-term  
13 investments in loops and switches. Although loop and switch  
14 investments are one-time costs, basic accounting and  
15 economic principles dictate that those costs be amortized  
16 over the useful lives of the facilities so that today's  
17 customers are not forced to subsidize tomorrow's customers.  
18 Similar concerns dictate that competition onset costs also  
19 be amortized to ensure that those costs are maximally  
20 recovered from all the beneficiaries of competition,  
21 including present and future customers, as guided by  
22 economic depreciation criteria. The Commission should  
23 therefore determine the portion of the eligible competition

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1       onset costs to be recovered in each period. Specifically,  
2       once the eligible pool of competition onset costs is  
3       determined, an amortization schedule should be established  
4       to reflect the fact that the competition onset investments  
5       made today will pay dividends for many years to come.

6  
7       Under NYT's proposal, by contrast, early entrants (and,  
8       ultimately, current end users) would bear a disproportionate  
9       share of these costs. This front-loading of cost burdens  
10      on early entrants is consistent with NYT's objective of  
11      delaying the onset of competition, and it is fundamentally  
12      inconsistent with the pro-competitive goals of the Act.  
13      Early entrants are already disadvantaged relative to the  
14      subsequent waves of entrants. For example, early entrants  
15      will face the skepticism of local customers regarding their  
16      ability to provide quality local exchange services. Early  
17      entrants will be the ones that will test whether UNE-based  
18      competition is feasible, there being no precedent for such  
19      competition and no tested regulatory procedures to protect  
20      UNE-based entrants from competitive abuses by the monopoly  
21      owner of the bottleneck. It is not in the public interest  
22      to disadvantage these early entrants even further by forcing

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1           them to bear a disproportionate share of competition onset  
2           costs, which is precisely what the NYT proposal does.

3

4           Third, and perhaps most fundamentally, recovery must be  
5           competitively neutral as between entrants and NYT. In this  
6           regard, competition onset costs should be treated no  
7           differently than other network costs. Under basic TELRIC  
8           principles, unit costs of loops, switches and other network  
9           facilities are determined by dividing total forward-looking  
10          costs by the total number of units that the incumbent is  
11          likely to provide to requesting carriers and to its own  
12          retail arm. In this way each carrier, including the  
13          incumbent, bears a share of total costs proportionate to its  
14          use of the network. Accordingly, each faces the same input  
15          cost structure, and each has an equivalent opportunity to  
16          recover those costs from retail customers.

17

18          The very same logic compels the conclusion that recovery of  
19          competition onset costs from all carriers, including NYT, on  
20          a proportionate basis is both competitively neutral and  
21          allows each carrier, including NYT a reasonable opportunity  
22          to recover those costs. It is competitively neutral,  
23          because under this proposal - in which each carrier,

95-C-0657  
94-C-0095  
91-C-1174

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1 including NYT, bears a portion of competition onset costs in  
2 each period equal to its percentage share of total customers  
3 served multiplied by the total competition onset costs to be  
4 amortized over that period - each carrier bears the same  
5 costs on a per customer basis. Thus, although a carrier  
6 that serves more customers will bear more competition onset  
7 costs in absolute terms, it will bear the same competition  
8 onset "charge" per customer as every other carrier. In this  
9 way entry, exit, expansion and contraction decisions are not  
10 artificially distorted by a charge that some carriers bear  
11 but others do not bear at all (or bear in smaller per unit  
12 amounts).

13  
14 Thus, the proposed approach is also consistent with the cost  
15 causation principle, properly understood, insofar as it  
16 defrays the onset costs from consumers. As explained above,  
17 all retail customers will greatly benefit from the new,  
18 multiple carrier, competitive regime and thus all customers,  
19 including those that elect to remain customers of NYT or its  
20 affiliates, are beneficiaries of competition onset  
21 investments made today to make the new regime possible. That  
22 is because all telecommunications customers, whether served  
23 by resellers, UNE-based providers, CAPs or NYT, will

95-C-0657  
94-C-0095  
91-C-1174

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1 benefit from lower prices and better services engendered by  
2 competition. Accordingly, it is appropriate that no carrier  
3 should be exempt from paying for these costs.

4

5 In sum, a single pool of competition onset costs should be  
6 established. Recovery of those costs should be amortized  
7 over an appropriate period. And NYT should receive no  
8 special exemption from those costs - at a minimum, NYT  
9 should bear a share of such costs in each period equal to  
10 its proportionate share of total customers served.

11 **Q. WOULD THIS APPROACH REQUIRE NYT OR ITS SHAREHOLDERS TO BEAR**  
12 **MOST COMPETITION ONSET COSTS?**

13 A. No. Although it is true that, so long as it remains the  
14 dominant provider serving the vast majority of customers,  
15 NYT would bear the largest amount of such costs in absolute  
16 dollars. That does not mean that NYT or its shareholders  
17 would be stuck with those costs. As I have explained, so  
18 long as these costs are borne in a competitively neutral  
19 fashion, NYT will have the same opportunity to recover its  
20 share of competition onset costs from its customers as every  
21 other carrier has - because on a per customer basis each  
22 carrier will incur the same share of competition onset

95-C-0657  
94-C-0095  
91-C-1174

**JANUSZ A. ORDOVER**

1 costs. My proposal is designed to ensure that NYT should  
2 not be able to charge its competitors more than their  
3 customer-based proportionate share of these costs. That is  
4 very different from saying that NYT should not recover the  
5 remaining costs at all. NYT may elect to absorb those  
6 charges or it may elect to pass some or all of them on to  
7 the ultimate consumers. How carriers deal with these  
8 changes is immaterial: what is important is that they be  
9 imposed on all carriers in a competitively neutral manner  
10 and that each carrier therefore be given an opportunity to  
11 recover them. By contrast, under NYT's proposal entrants  
12 would be placed at a competitive disadvantage solely because  
13 NYT has enjoyed a statutory monopoly in the provision of  
14 local exchange services. Giving NYT such a competitive  
15 advantage, especially when the new entrants are  
16 disadvantaged for so many other reasons, would increase  
17 entry barriers and would undermine the most fundamental  
18 objectives of the Act.

19 **VI. NYT'S ANTICOMPETITIVE PROPOSAL.**

20 **Q. PLEASE SUMMARIZE NYT'S "NON-RECURRING" CHARGE PROPOSAL.**

21 A. Stated briefly, New York Telephone proposed to recover all  
22 the onset costs from its competitors. NYT proposes to