Minicase 1

The Ship table will be centralized in New York since it is its head quarters as well as copied in all 3 other cities. It will use a 2 phase commit for any changes since changes to this list will be rare and it is mostly used as a read table.  
  
For the cruise table we have that table partitioned crossed all of the cities with the the cruises starting points determining which city it is stored in. Since it is rare to need to access all the cruises in the company the partitioning of the table should not be an issue.  
  
For ports again the partitioning the data across the cities that most used them will be best. For Atlantic ports exact duplicates can be stored in both New York and Miami, and the same thing with Caribbean ports with Houston and Miami. Since ports are mostly read from using a 2 phase commit for any changes will work.  
  
For the Visits  and Passenger Tables data it should be partitioned across the to most used ports so New York and LA. We could use a distributed join to keep the data in check.  
  
Lastly the Voyage table should be partitioned across all of the cities, and the joins should be distributed since all the locations need to read/write to it about e4venly.