Australian voyage have not done, and consequent-pendently of the inconvenience and tediousness Thus she will have two screw-steamers of 90 feet ly they have failed.

again, and in the race round the world, sails have are as follows: distanced the paddle and the screw. When the clear that it is the want of steam that has caused the failure: vessels, in short, as little fitted to make a passage of thirteen thousand miles, as the 'Sirius,' though by a lucky accident it managed to cross the Atlantic at the same time as the 'Great Western,' was to go a continuous stage of three thousand miles. They have all the expense of the new motive power without its full advan- Colonies have indeed recommended for the mail tages, and, in consequence of their having to go line the overland route as far as Aden, and from out of their direct course to coal, they lose from thence by way of Diego Garcia and King George's twelve to twenty days on the passage. The tor- Sound to Melbourne, an estimated distance of toise in this instant has not fairly beaten the hare, 10,348 miles, which they fancy can be done in because the latter has wilfully broken her leg.

dimensions, is only doing for the long Eastern voyage what he did for the shorter Western one, done so, considering that the 'Persia' has made namely, making her own coal bunkers the bank fourteen and a-half knots with very far inferior on which she can draw to any extent during her powers of propulsion—this passage will be beaten progress out and home, instead of employing from by between eight and ten days without the exsix to eight ships of 500 tons burthen each to carry fuel for her over half the globe, as the vessels at present running are obliged to do; a system which may be likened to the extravagance dream of the 'Times,' that the period will arrive of a man who employs half-a-dozen porters to when we shall be able to communicate with our carry parcels which, by proper management, he friends at the antipodes in a month. could manage to stow in his own knapsack.

puts the calculation with respect to her immense opinion. The value of the exports to the young Susquehanna Division of State Canal, advantage, in carrying power so well, that we empire, which is springing up with such rapidity quote it entire:—

age, your ships will also escape the great cost of conceive there would be any lack of cargo even taking coals at a foreign station. Coals obtained for our Leviathan. That she will be par excellence on the Indian and Australian route cost, on the the emigrant ship, who can doubt when we find average, including waste and deterioration, four that, with all her splendid accommodation, she or five times as much per ton as in this country. will be able to take passengers of the first class But your ships will take their amount of coals for for £65, of the second class for £35, and of the the voyage from near the pit's mouth, at a rate third class for £25. not exceeding for the best quality, 12s. to 14s. per ton. On the voyage of existing steam vessels to her passengers into the idea that they are sojournamounts to from 4,000 to 6,000 tons; the cost of saloons blazing at night with gas, which will be which would supply 20,000 tons if taken on board manufactured on board and supplied to every part I at some port in immediate communication with the coal field.

Each of the Company's ships will carry, besides their own coals, upwards of 5,000 tons measurement of merchandise, and will have 800 cabins for the use of anthracite coal, none will be emitted passengers of the highest class, with ample space from her five funnels; and distressed by no motion, for troops and lower class passengers. These you as in consequence of her length she will stride with will not only be able to carry at rates much ease over the waves of the Pacific. We might smaller than those by any existing steamships, also dwell for a moment upon the mighty larder fort, and convenience.

elements of a speed heretofore unknown; and if (which by-the-by had not half her capacity) as hereafter coals applicable to the purposes of she receives on board her flocks and herds to fursteam can be supplied from the mines of Australia, nish fresh meat for the passage. But we believe the carrying capacity both for cargo and passen- we have said enough to enable those who have length of these ships will undoubtedly, according tent of this latest experiment in ship-building.through the water at a velocity of at least fifteen let us fancy her rushing through the night in full knots an hour, with a smaller power in proportion carreer—an arrow 27,000 tons in weight, propelled to their tonnage than ordinary vessels now require by a bow of 3,000 horse-power. Can we without to make ten knots. Speed is, in fact, another re- a shudder contemplate the possibility of a colli- | Conestoga Navigation, sult of great size. It is believed that by this sion with such a resistless force? a line-of-battlespeed, combined with the absence of stoppages, ship with a thousand hands on board cleft in two the voyage between England and India, by the as swiftly as the apple by the shaft of Tell? Cape, will be reduced to from thirty to thirty- Every precaution will indeed by taken to avert three days, and between England and Australia such a catastrophe. The electric light will be to thirty-three or thirty-six days."

petitor for the traffic round the Cape; but inde- provided capable of taking off her passengers. -Phila. Railroad and Mining Register.

of embarking and then re-embarking, which will in length as paddle-box boats, and in addition to No one can fail to have observed that within be fatal to vessels containing such bulky cargoes those she will carry a large number of the new these last two years steam, in long voyages, has as cumber the Australian steamers, it is asserted collapsing, or bellows boats, as the sailors call apparently suffered a defeat. Clippers of all that the ocean path is the direct route to the focus them. These curious structures, the invention of kinds, the 'Marco Polos,' 'Red Jackets,' and of Australian connexion with Europe. Thus the the Rev. E. L. Berthon, expand and shut like a 'Morning Stars,' seem to have recovered their own navigable distances from Land's End to Port Philip Gibus hat or the head of a carriage, occupying so

Miles.

Gibraltar, Malta, Alexandria, Aden, Point de Galle, and Singapore, including transit through Egypt.....12,034 Panama including transit across the The General Association for the Australian forty-four days. If the Eastern Steamship Com-Mr.Brunel, in constructing a ship of such large pany have not anticipated too great a speed for their vessel—and we scarcely think they have pense and trouble of making a long land journey across the isthmus. Surely this, if it comes to

As far as the commercial part of the speculation The Report of the Directors for the year 1853 goes, we are of course incapable of giving an in Polynesia, is, however, so great—in 1853 the "In avoiding the delay of coaling on the voy-declared value being £14,506,532—that we cannot

pass, will go far to accomplish the Alnashar

Her great proportions will indeed almost deceive Australia or India and home, the consumption ing in some noble mansion. Let us imagine her of the ship: let us picture to ourselves her magnificent sweep of deck filled with gay promenaders, listening to the band as she sails over a summer's sea; annoyed by no smoke, for in consequence of but with an unprecedented amount of room, com- of our Leviathan prepared for her flight of five and thirty days, without a stoppage, across the ocean In thus determining the size of the ships your desert with a whole town on board; or we might Directors believe that they are also obtaining the draw a comparison between her and the Ark gers will be proportionately increased. The great not visited the rising edifice, to realize the vast exto all present experience, enable them to pass And as a contrast to this fair side of the medal,

fixed at the mast-head, so that in dark nights the East of the Alleghany Mountains. 921 It may be objected that the route by way of ship will carry a moonlight atmosphere wherever West Egypt, now that the railway is in progress and a she goes. In case of any fatal injury to herself, canal is projected, will prove a too powerful com- which could not well happen, boats have been

little room that half a dozen of them of a large size can be stowed away in the same space as would

5	to be as easily opened as a parasol or un	hre	lla.
,	to be as easily opened as a parasor of an		
	Canals in Pennsylvania.		
1	Schuylkill Navigation, From Philadelphia to Port Carbon1		
t	From Philadelphia to Port Carbon1	08 r	nile
5	Delaware Division of State Canal,		
	Trom Direct to master	60	26
£	Lehigh Navigation, From Easton to Stoddartsville		
1	From Easton to Stoddartsville	84	""
1	Union Canal,		
3	From Reading to Middletown—		
f	main line		
1	Branch to Pine Grove		
•			
	Total	99	***
	Susquehanna and Tidewater,		
<u>'</u>	From Columbia to Havre de		
	Grace45		
1	Deduct for portion in Maryland13		
		00	

Ì	**************************************	
	Pennsylvania portion	3
	Main Line of State Canal,	
	From Columbia to Hollidaysburg,	
	east division	
	From Johnstown to Pittsburg, west	
	division	
	•	

1	, and the state of	
	From Juniata Junction to Northum-	
	berland	4:
	West Branch State Canal,	
	From Northumberland to Farrands-	
	ville	76
	Lower North Branch Division of State	
	Canal,	
	From Northumberl'd to Pittston 73	
	Upper North Branch Division,	

From Pittston to New York line. 94

Wisconisco Canal,	
From Clark's Ferry to Millersburg 13	
Delaware and Hudson Canal,	ı
From Honesdale to Hudson river.108	
Deduct portion in New York 83	

Pennsylvania portion
Erie Canal,
From Beaver, on the Ohio, to Erie
city
French Creek Feeder,
From near Meadville to Evansb'g. 21

Total 157
Pennsylvania and Ohio Cross Cut Canal,
From near New Castle to Akron78
Portion in Ohio about68

٠, ١		
	Portion in Pennsylvania 10	"
	Monongahela Navigation,	· ',
	From Pittsburg to within ten miles of	
	Virginia line	"
	Bald Eagle and Spring Creek Naviga-	٠.
	tion,	
	From Bellefonte to West Branch of	٠, ٠
	Susquehanna	
	Clare and a Maria mation	

From Lancaster to Safe Harbor	18	
Youghiogheny Navigation, From McKeesport to West Newton	18	
Total	293	mil

		٠
Total	 1293	miles
 Dhila Dailmand and		