and substantial character of the works and the there was a falling off of 35,500 and 24,000 tons regarded as a single line. Deducting the excep. The train mileage was 14,543,862, compared with taken at less than £4,000,000, the cost per mile of 8.63s, being just about the same as last year. The single line would amount to \$12,250. A compar- highest receipts per train mile were on the Bom. ison between the circumstances of India now and bay, Baroda, and Central India Railway, where the practice at present in vogue of carrying out East India, 9.33s. The lowest were on the Cal- prove a success. railway works on a light system, will help to ex | cutta and South-Eastern, being 4.9s. Turning to | plain the difference between the cost of the lines the expenses it will be seen that the total expenoriginally undertaken and those now being exe-diture for maintaining and working the railways road Company have accepted the resignation of cuted. The recent examples of the Wudwan and was £3,328,644 in 1872, compared with £3,251,- Gyles Merrill as General Superintendent of the Patree branches in Western India encourage the 725 in 1871. On the Indus Flotilla it was £53,expectation that in districts tolerably easy for 034 in 1872, compared with £50,325 in the prerailway operations, even with the 5ft. 6in. gauge, vious year. The expenses per train mile were the Hobart, General Freight Agent and Master of single lines may be constructed at a cost of from same in both years—viz, 4.50s The proportion Transportation, has been appointed in his place. £6,000 to £3,500 a mile." The revenue derived of working expenses to gross receipts was on the from the railways during the past year was slight- | average 53 per cent. This varied, however, conly in excess of the previous year, but the increase siderably on the different lines. On the East Inis not sufficient to reduce by any appreciable dian Main Line the expenses were only 41 per amount the difference between the net earnings cent of the gross receipts; on the Great Indian and the sum paid for guaranteed interest, which Peninsula 60, on the Scinde, Punjab, and Delhi, is this year of course, greater than last year. 86. After alluding to the effect upon the traffic LOCOMOTIVE, In 1872 the revenue was £2,869,223. In of certain reductions which had been made in the 1871 it was \$2,686,250. In 1872 the gross re- rates, and to the probability of the immediate loss ceipts were £6,351,617, and the expenditure being soon converted into a gain, Mr. Danvers ex. amounted to £3,482,394. In the previous year plains the principle upon which he thinks a tariff the gross receipts were £6,146,130, and the ex-|should be settled. "A suitable scale of railway penditure £3,459,870. The passenger and mis- charges depends," he says, "upon various circellaneous receipts in 1872 were \$2,387,003, ccm-| cumstances, but principally upon the cost of propared with £2,120,821 in 1871. The goods re | duction—i. e., of conveyance. There must neces ceipts were £3,964,614 in 1872, and £4,025,309 in sarily be a margin between such cost and the sum 1871. The guaranteed interest advanced by the paid by the customer, but it by no means follows Government during the year 1872 amounted to that the greater the difference the more will be £4,600,883, so that a sum of £1,734,000 had to the aggregate profit. In a country like India, esbe charged upon the revenues of the country. | pecially, where the population is large and poor, Last year there was a similar charge of £1,740,- it would be unwise to attempt to impose such 720. "Although," says Mr. Danvers, "such a rates for the conveyance of passengers as would result was expected at the commencement of the remove the power of traveling from the great mayear, it is no less to be deplored. But it should jority of the people. The true policy would seem be borne in mind that some of the guaranteed to be to fix a rate, which, while leaving a margin capital has been raised for and expended upon for profit on the cost of conveyance, would tempt lines which are not completed or open for traffic. the largest number to travel. If this is the cor. A sum of £6,000,000 may in this way be regarded | rect view, it can well be understood how, as is as uniemunerative, so that about £300,000 may often asserted, the interests of railways and of be properly deducted from the deficit when it is the community coincide. The same remarks will referred to as illustrating the deficiencies of the apply to charges for goods, and often with great present railway system. The last few years are er force, as, for example, in those cases where not, it is hoped, a fair criterion of the future. water carriage can compete with the railway, and DREDGING MACHINES AND SCOWS The fluctuations of trade will, no doubt, always where large tracts of land are kept out of cultiproduce corresponding effects upon the traffic, vation, or mineral districts are unworked, in conbut a gradual development is taking place, which sequence of the cost of conveyance to a market will become more rapid as new roads and feeders raising the price of commodities beyond the con. \$10,000. - are made to the existing lines, and new districts sumer's means. Allowance must, of course, be are thus opened to the advantages of railway made for variableness of trade, as the average communication." The passenger traffic last year | cost of conveyance will in some measure be reguproduced £2,085,940, as compared with £1,941,- lated by the amount carried; but this may be 571 in the previous year. The difference of £144,- | covered in the long run by a moderate margin. 369 was principally made up by the increase in The first point to be ascertained, therefore, is what the receipts from third and fourth class passengers is the cost of conveyance; and this can be arrived which amounted to £91,385. These classes con at only after a careful examination of the working which amounted to £91,385. These classes con at only after a careful Cambridge of the working tributed £1,496,610, or 77 per cent of the whole. expenses of a line for a sufficient period to cover ONE SECOND HAND ANTHRACITE COAL tributed £1,496,610, or 77 per cent of the whole. expenses of a line for a sufficient period to cover ONE SECOND HAND ANTHRACITE COAL tributed £1,496,610, or 77 per cent of the whole. expenses of a line for a sufficient period to cover ONE SECOND HAND ANTHRACITE COAL The number of passengers increased from 18,940,- different seasons and to include those influences 585 to 20,332,823. The first and second classes on traffic which would enable a fair average to be 20 inches. Engine can be seen on application to A. declined. The third class rose from 14,113,426 taken. A suitable tariff," he adds, "however imto 15 126,824, and the fourth, or coolie class, from portant, is by no means all that is required to in-3,516,549 to 3,911,429. The increase in num-sure success in railway enterprise. There is no bers, whick took place chiefly on the East commercial undertaking which requires more care-Indian, the Madras, and the Bombay, Ba-|ful study and more intelligent and energetic manroda, and Central India Railways, has partly agement than a railway. been produced by a reduction in fares, which has not yet had time to yield a corresponding increase receipts per mile in 1872 were £400, compared with £394 of the previous year. The receipts from the goods and mineral traffic were last year £3,964,614, compared with £4,022,615 in 1871, Reading Pa. showing a decline of £58,000. A large amount of tonnage was, however, carried, 2,929,637 tons 615,966 in 1871. The falling off in receipts occurred on the Great Indian Peninsula Railway, which shows a decline of £156,000 in receipts and 82,143 tons in weight. In cotton and grain alone cember.

General B. H. Bristow, of Kentucky, has in the receipts. The third and fourth classes cou- resigned the presidency of the California and stituted 93.63 per cent of the whole number. The Texas Railroad Construction Company, which is now building the Texas Pacific Railway, and is succeeded in that position by John McManus, of

The track is laid on about sixteen miles having been conveyed in 1872, compared with 2,- of the Ware River Railroad extension, and two gangs of track layers are speeding the work. which is to be done, if possible, by the first of De-35tf

The Indianapolis Belt Railway company heavy rails and materials used, account also for the respectively. The number of trains run was 155,- are constructing a double track road entirely rest of the outlay upon what is often erroneously 594, compared with 131,260 of the previous year. around the city of Indianapolis, for transferring tional expense above described, which cannot be 14,080,064. The train mileage receipts averaged through freight between roads terminating there. The Telegrapher says that all the railroads centering at Indianapolis, are fully committed to the en-20 years ago, the greater knowledge and exper they amounted to 12.51s. The mileage receipts terprise, and the project is very heartily endorsed involved by the project is very heartily endorsed ience which have been gained in the interval, and on the Eastern Bengal were 99.0s., and on the by the citizens generally, and will, no doubt,

> It is stated that the Central Vermont Rail-Central and connecting roads, and that John W.

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