

CARGO LIGHTENING IN PORT OF ŚWINOUJŚCIE AS METHOD OF SHIP-OWNERS INCOME INCREASE IN TRADE TO ODRA RIVER PORTS

Summary

Draft restriction on Odra River for vessels going to/from port of Szczecin and Police affects vessel's cargo carrying capacity, mainly for ships longer than 170m. In order to obtain effect of scale by maximizing cargo quantity and lowering costs of freight parties arrange for full shipment with off-loading part of the cargo in port of Swinoujscie. While Ship Owners' freight income depends directly on cargo quantity carried, additional costs associated with lightening operations lead to calculations of off-loading economical justification. Article shows main elements and methods of calculating Ship Owners balance sheet and freight rate breakeven point. Example calculations are made for chosen sizes of ships in consideration of freight market level based on BHSI and BSI indexes, port tariff and other positions. Conclusion is that lightening may be profitable for Ship owners on high freight market and for relatively big vessels over 34 000 DWT.

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