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*SteelOrbis Fall 2011 Conference & 65th IREPAS Meeting*

***Dry Bulk Shipping Outlook***

***Enrico Paglia***

*26 September 2011, St. Petersburg*

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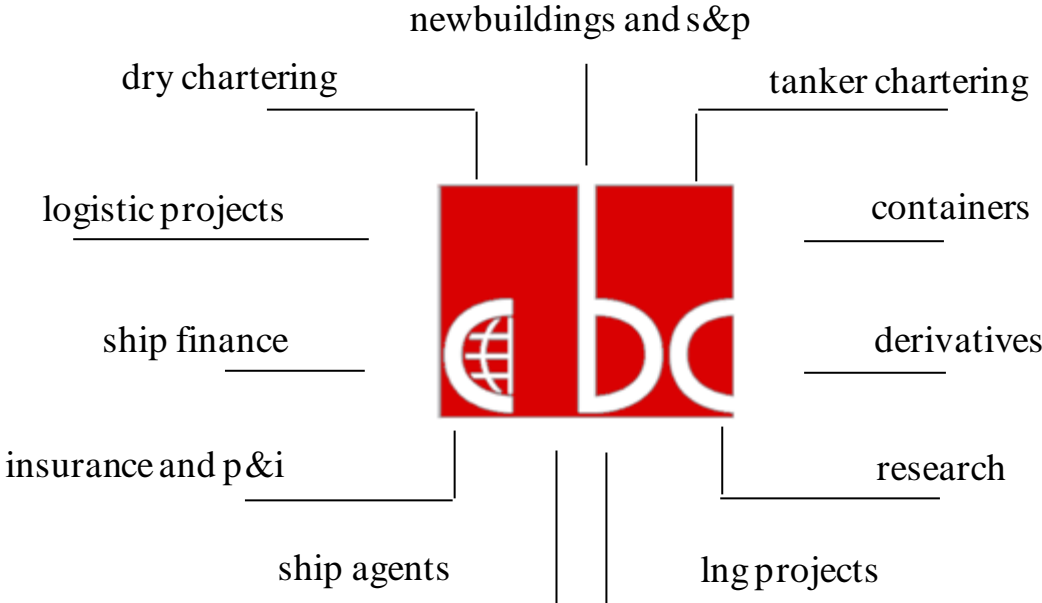
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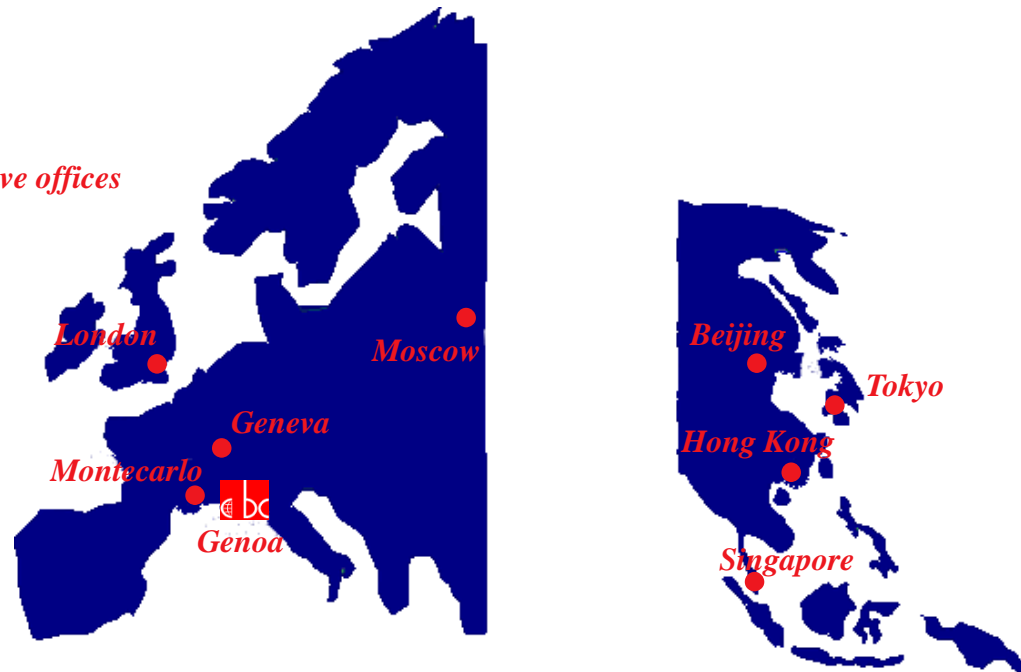
## *banchero costa group*



*head office*



*branch/representative offices*



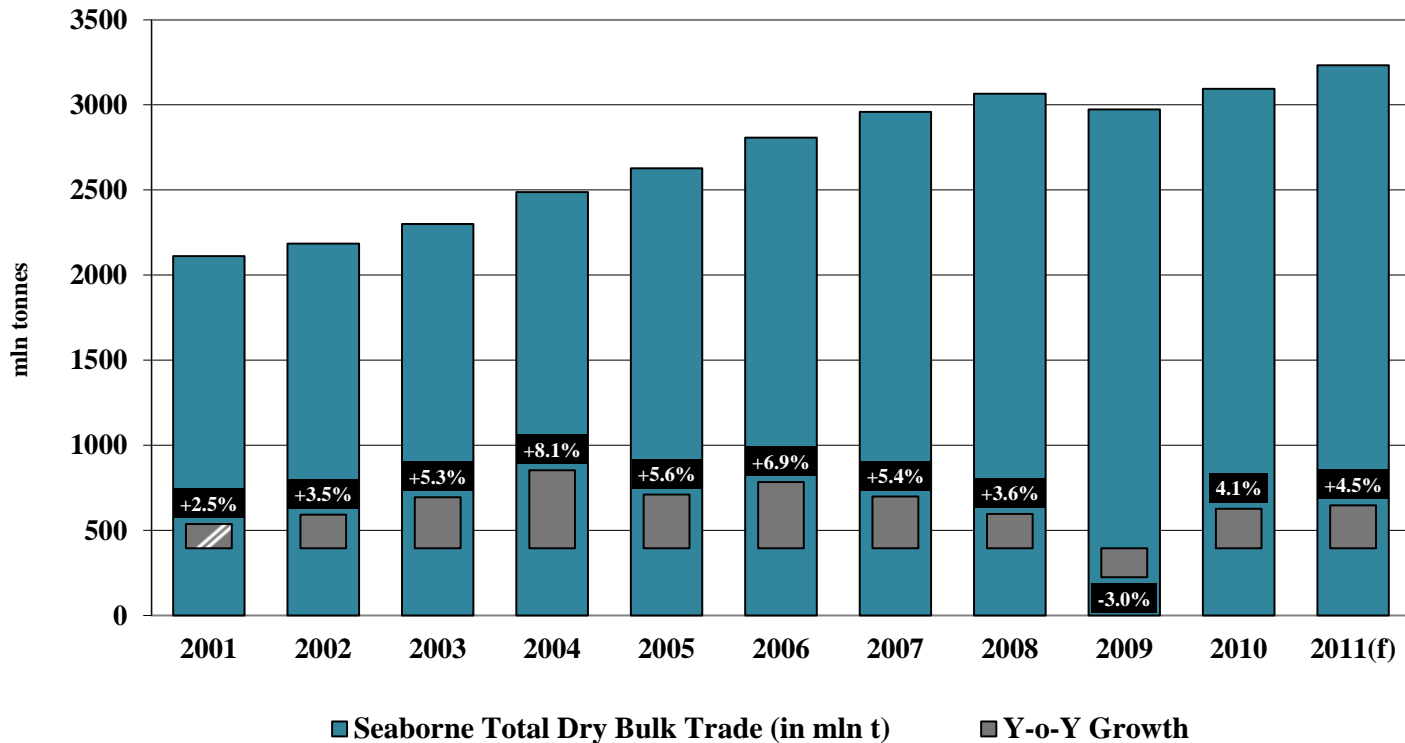


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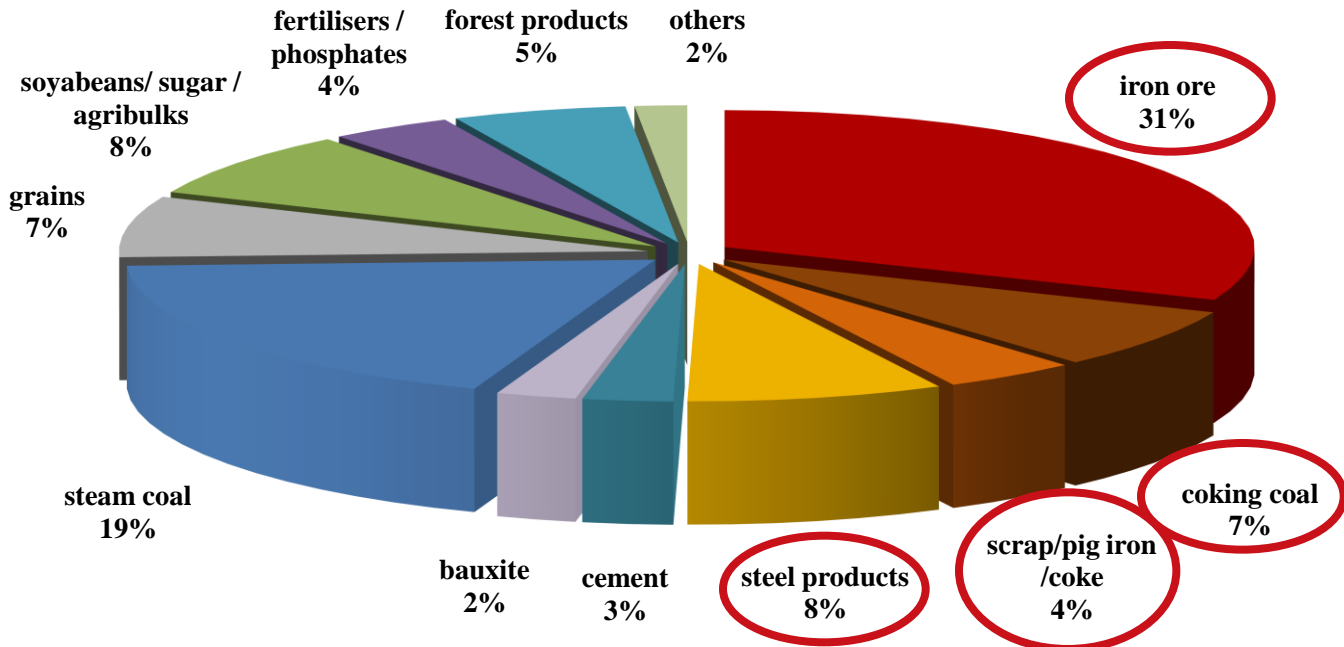
# *Dry Bulk Demand*

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## World Seaborne Total Dry Bulk Trade (all dry bulk commodities, estimates, in mln tonnes)

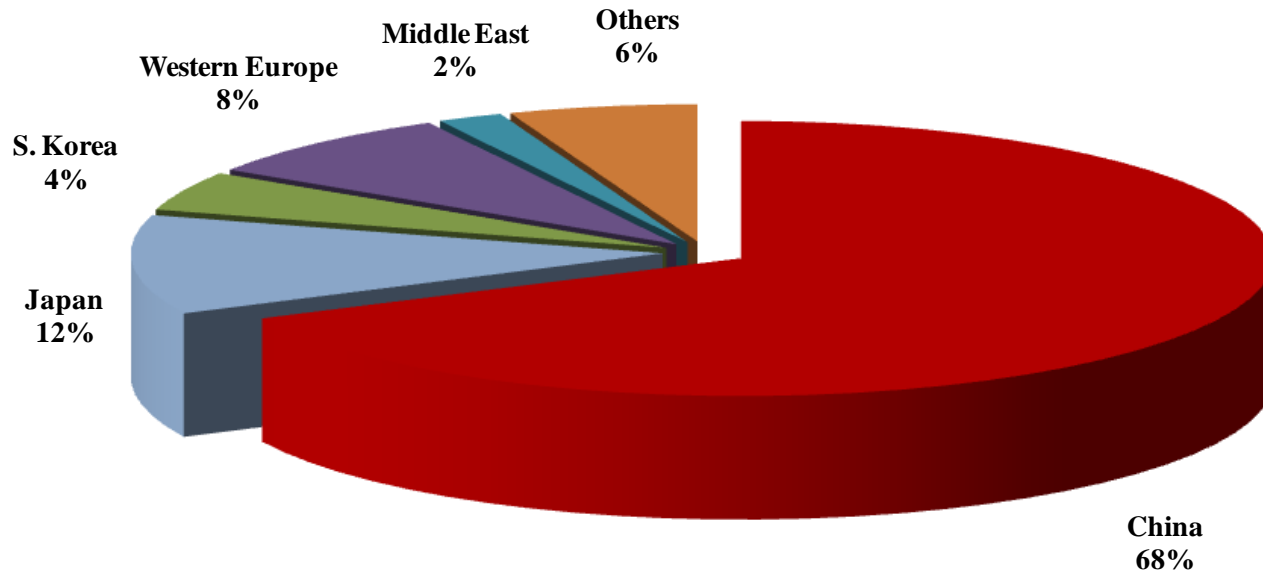


## All Seaborne Dry Bulk Trade by Commodity in 2010 (estimate, all bulkcarriers)



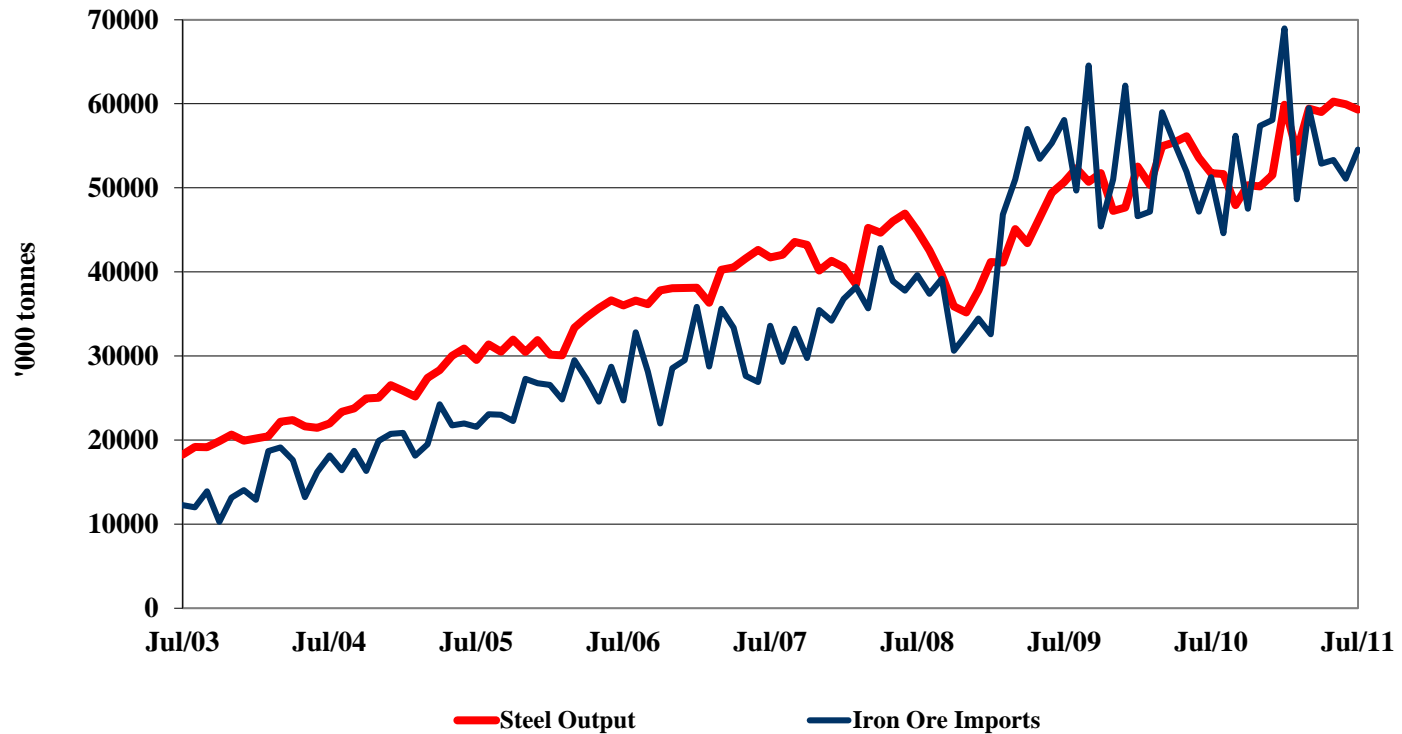
## Seaborne Imports of Iron Ore by Country in 2009

(estimate, all bulkcarriers, as % of volumes in tonnes)



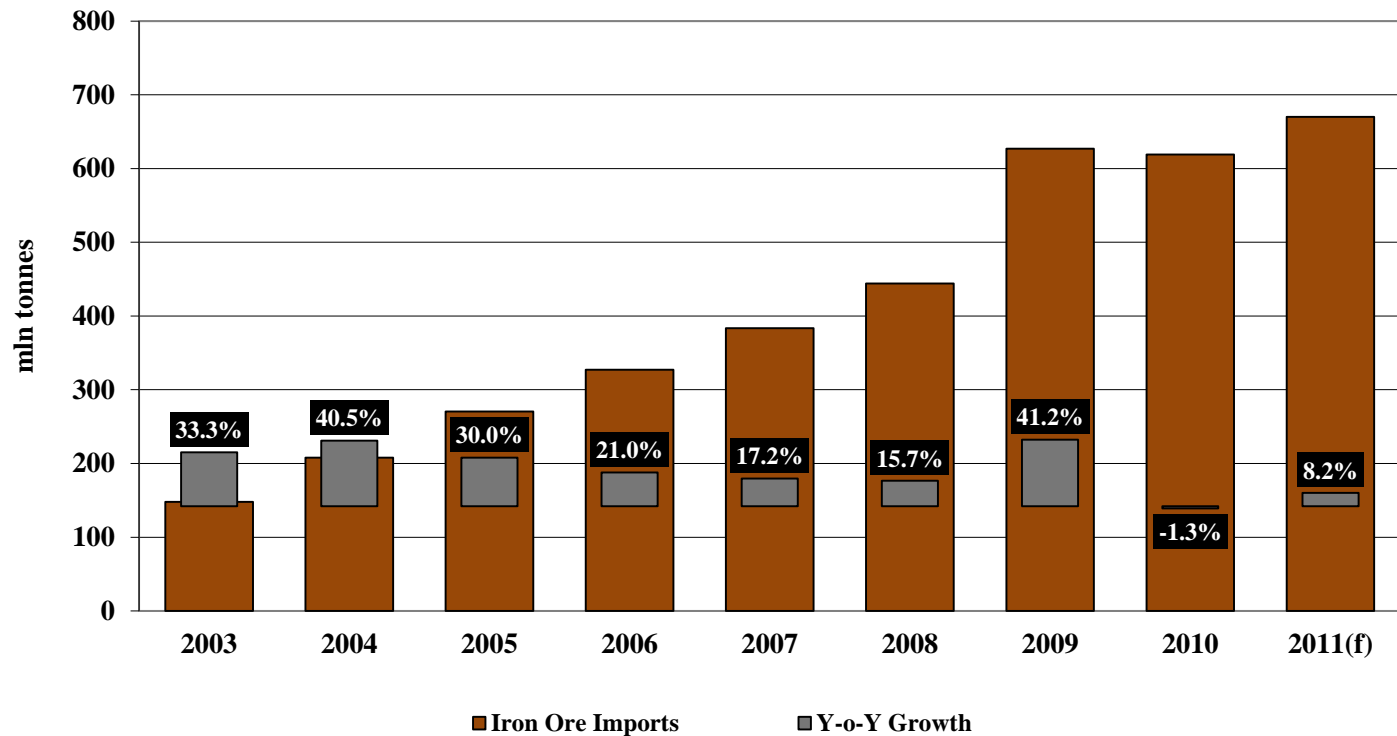
## China - Monthly Steel Output and Iron Ore Imports

(customs data, in '000 tonnes)



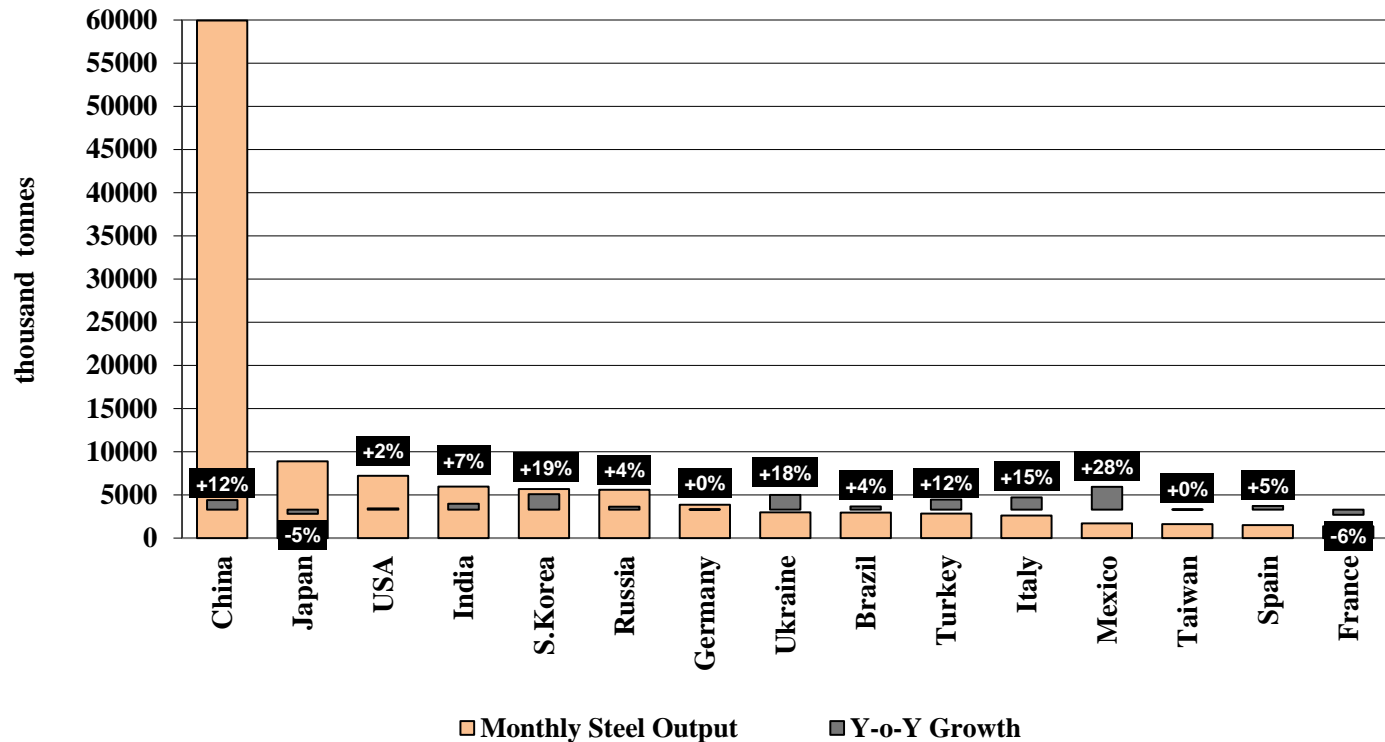
## China - Annual Iron Ore Imports

(source: customs data)

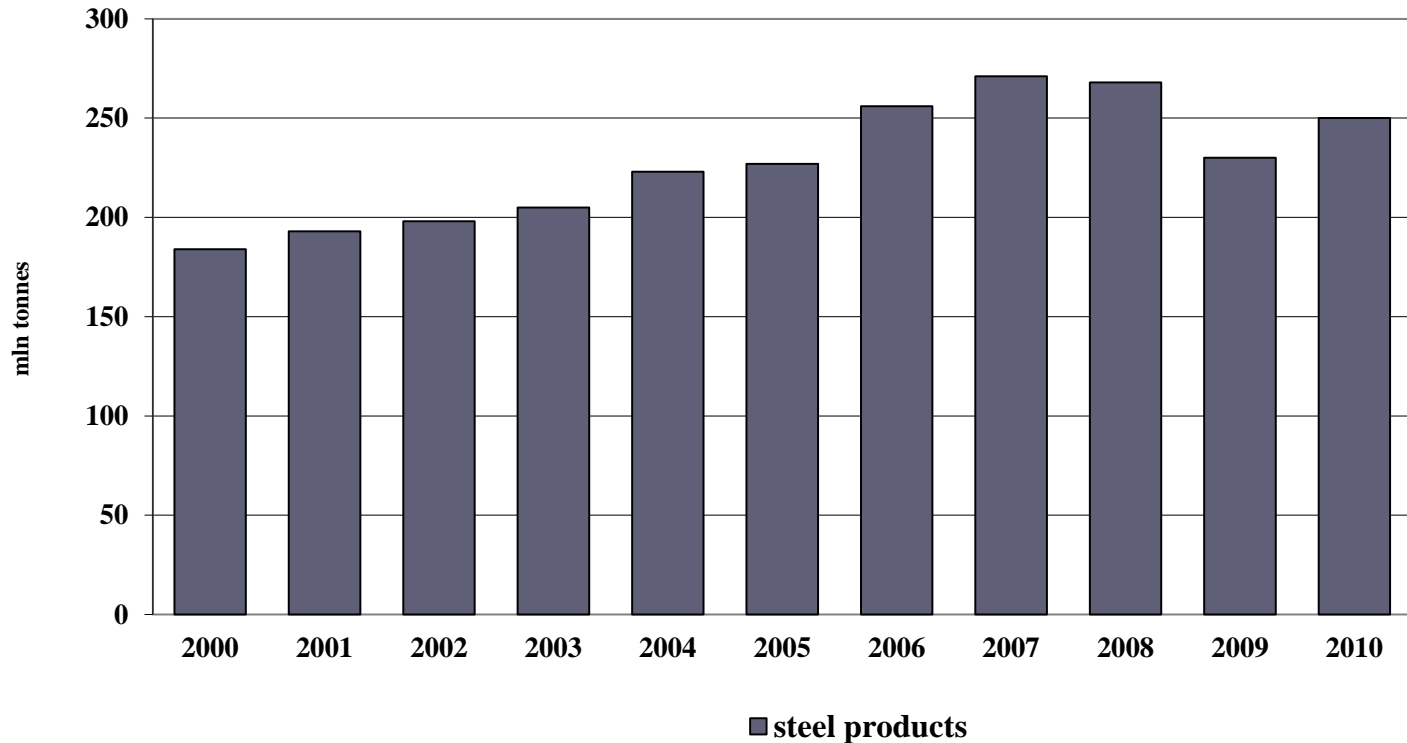


## Monthly Crude Steel Production - June 2011

(in '000 tons, comparison year-on-year, source: Worldsteel)

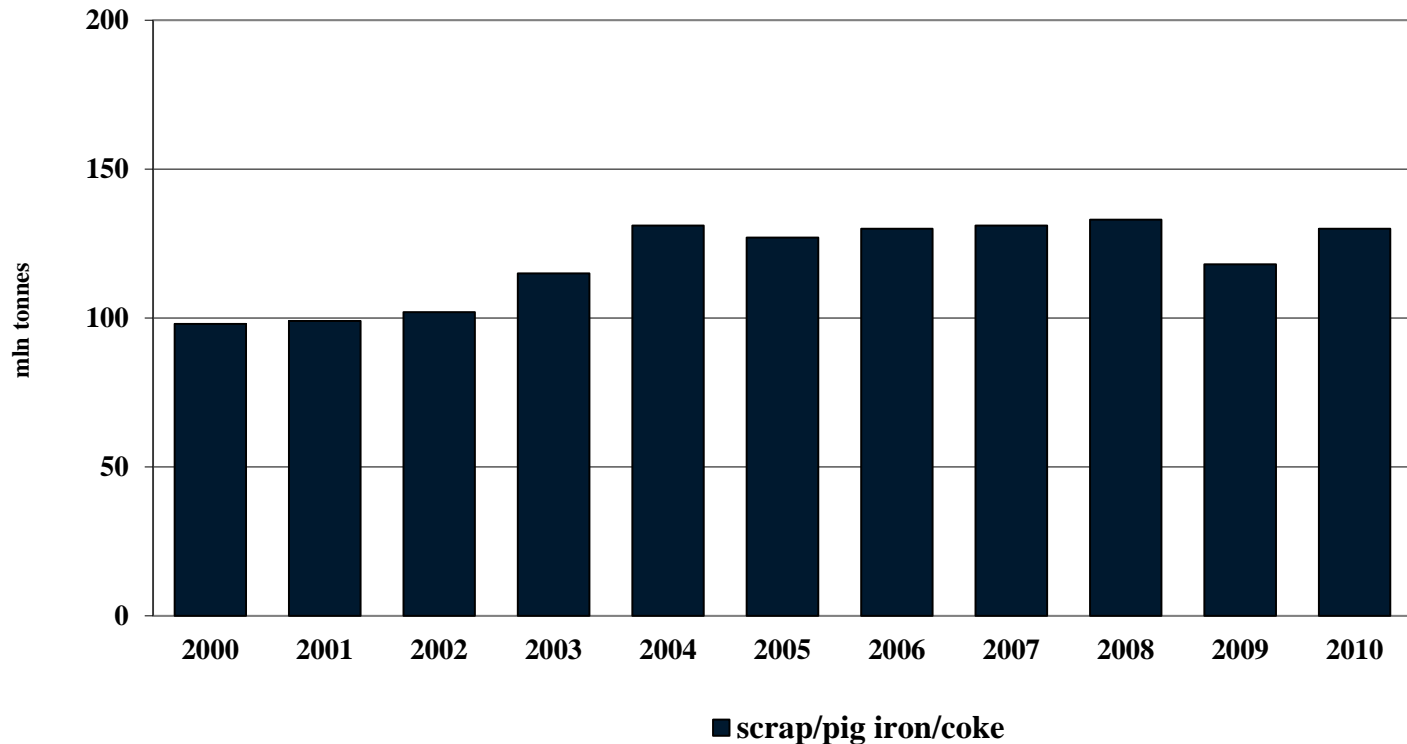


## World Seaborne 'Minor' Dry Bulk Trade **Volumes** ( 'minor' dry bulk commodities, estimates, in mln tonnes)

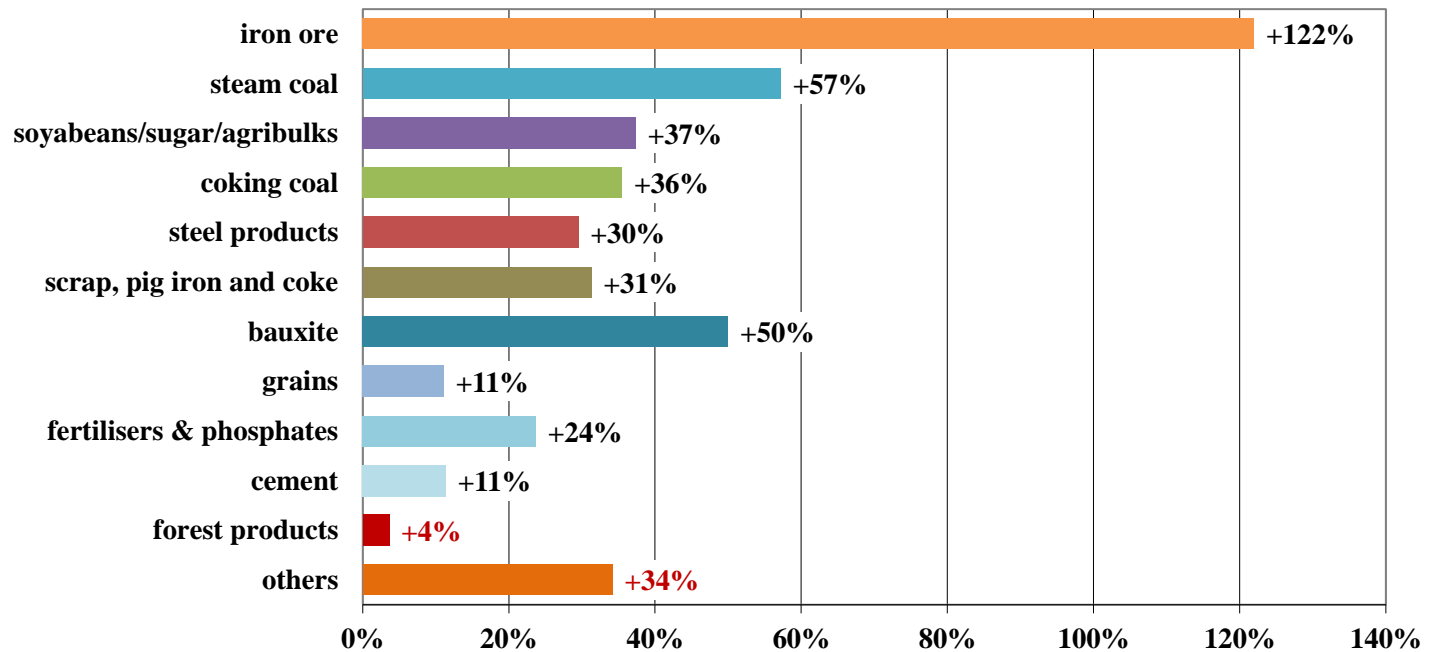


## World Seaborne 'Minor' Dry Bulk Trade **Volumes**

('minor' dry bulk commodities, estimates, in mln tonnes)

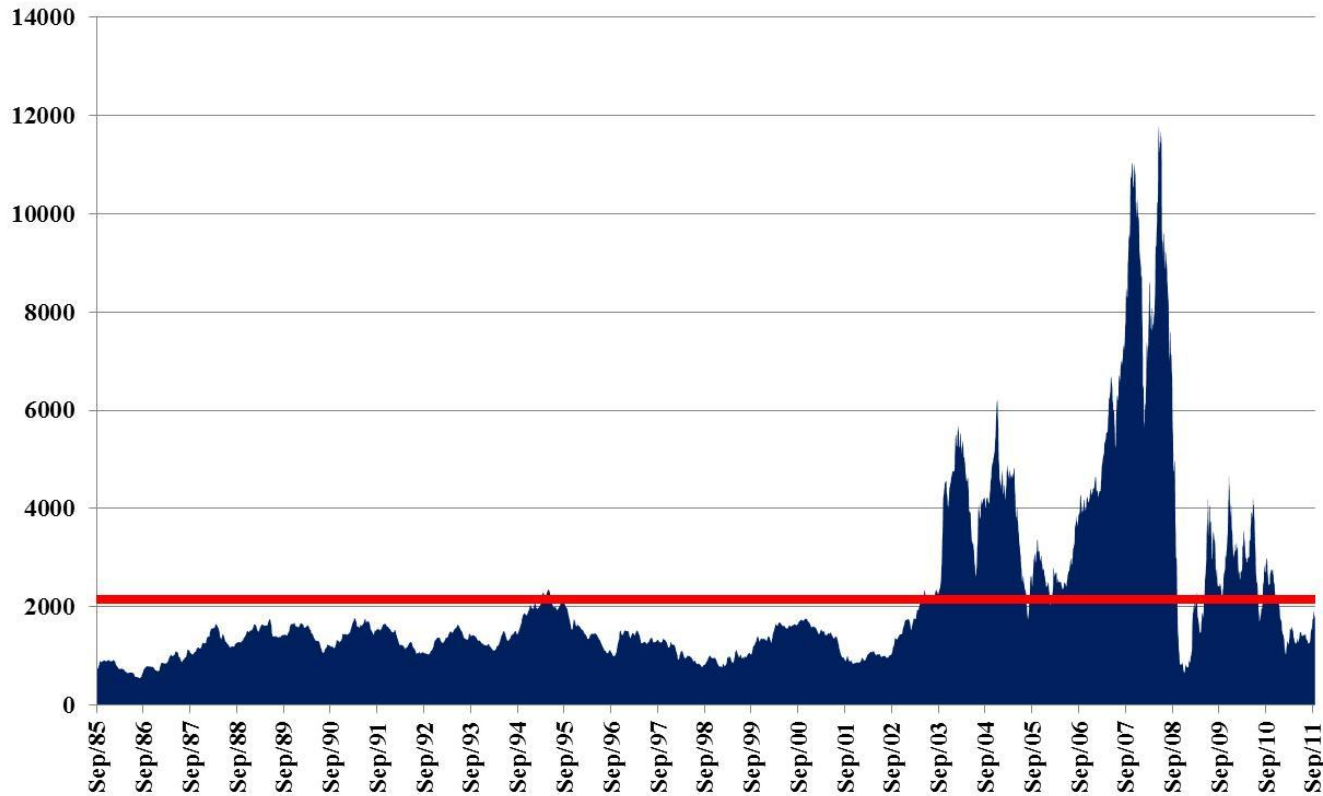


## Increase in Seaborne Trade by Commodity 2001-2010 (percentage change)





## Baltic Dry Index (BDI) - 1985/2011

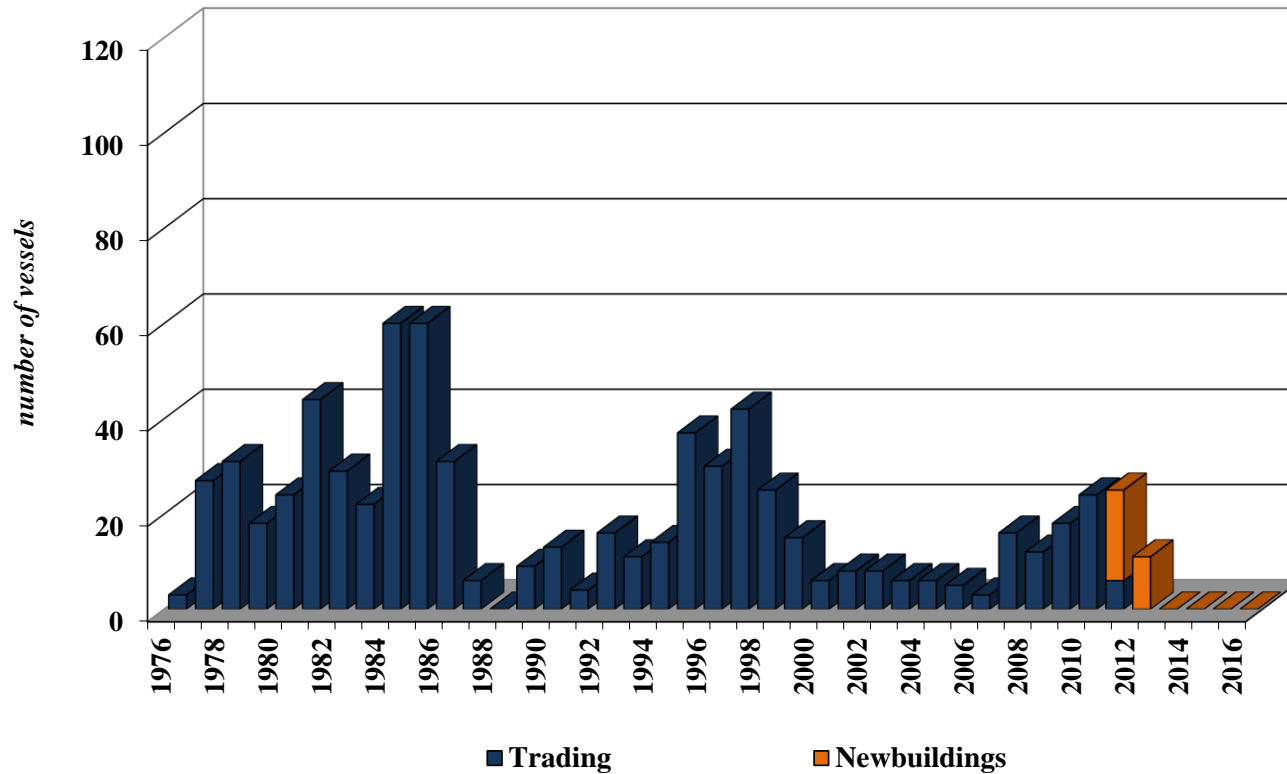


**Average: 2150**  
**22/09/2011: 1884**



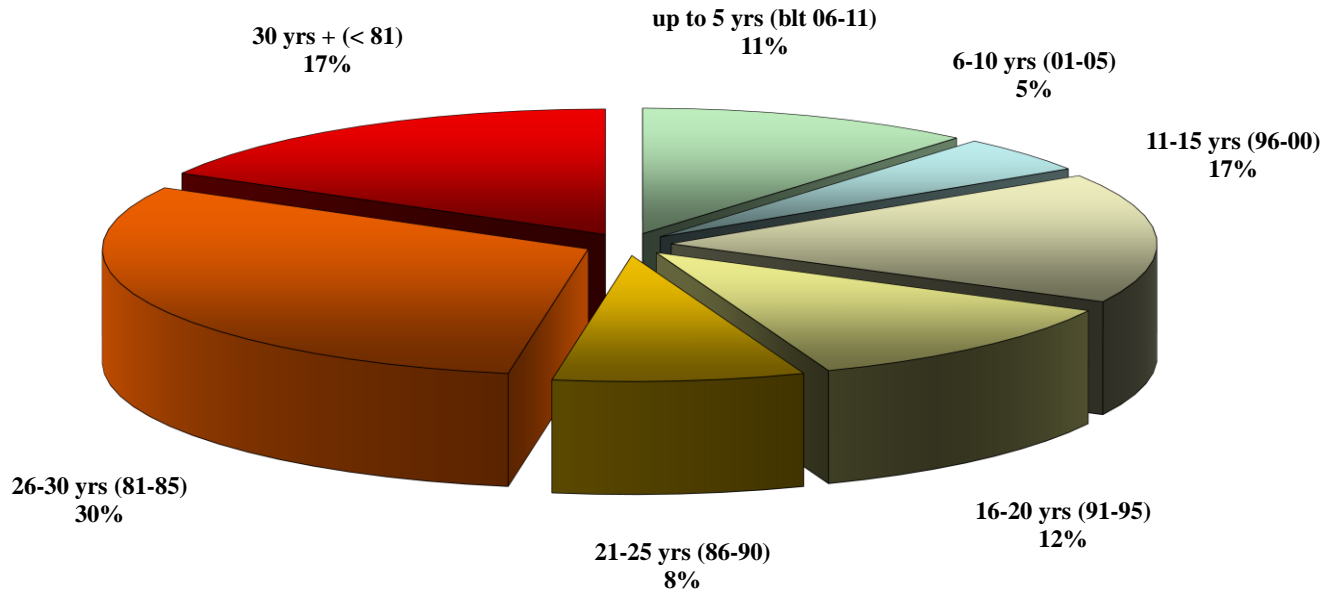
# *Dry Bulk Fleet*

### Handy1 Bulk (20,000-27,999 dwt) Age Profile

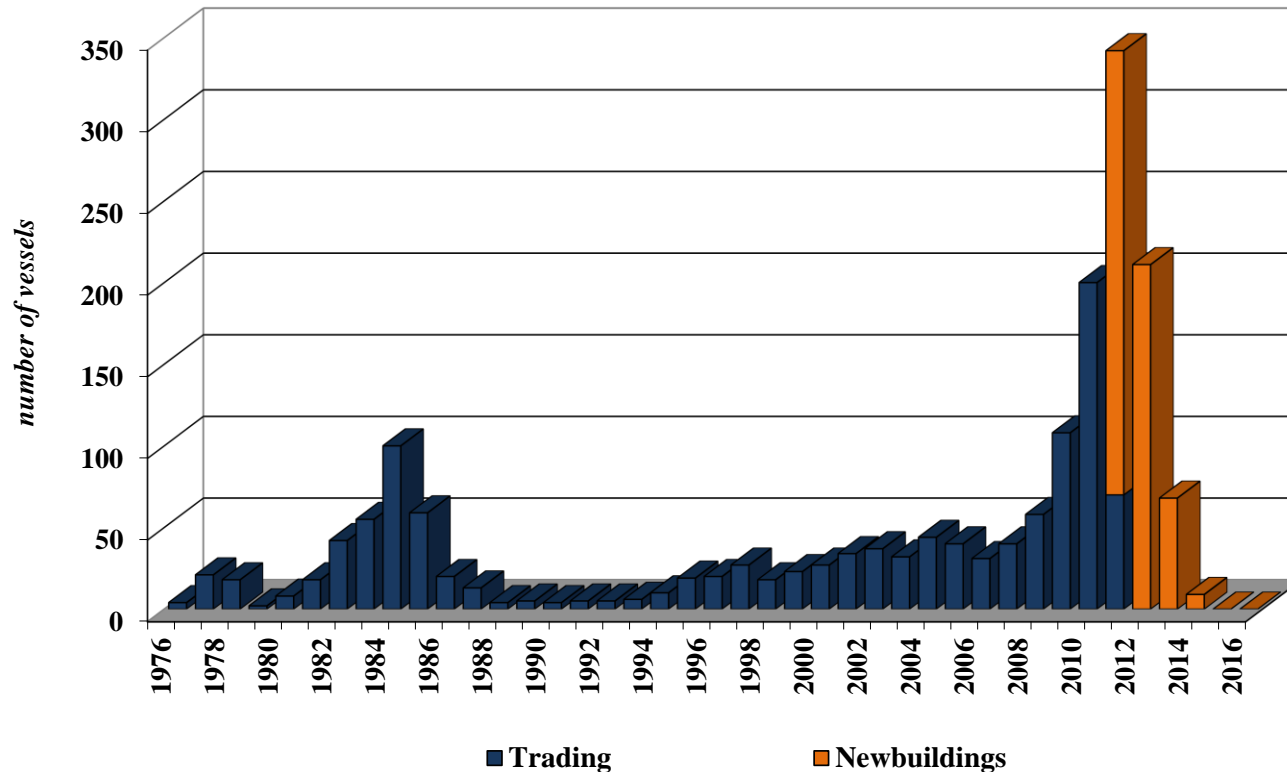


## Handy1 Bulk (20,000-27,999 dwt) Age Profile Pie

Orderbook/Trading  
4%

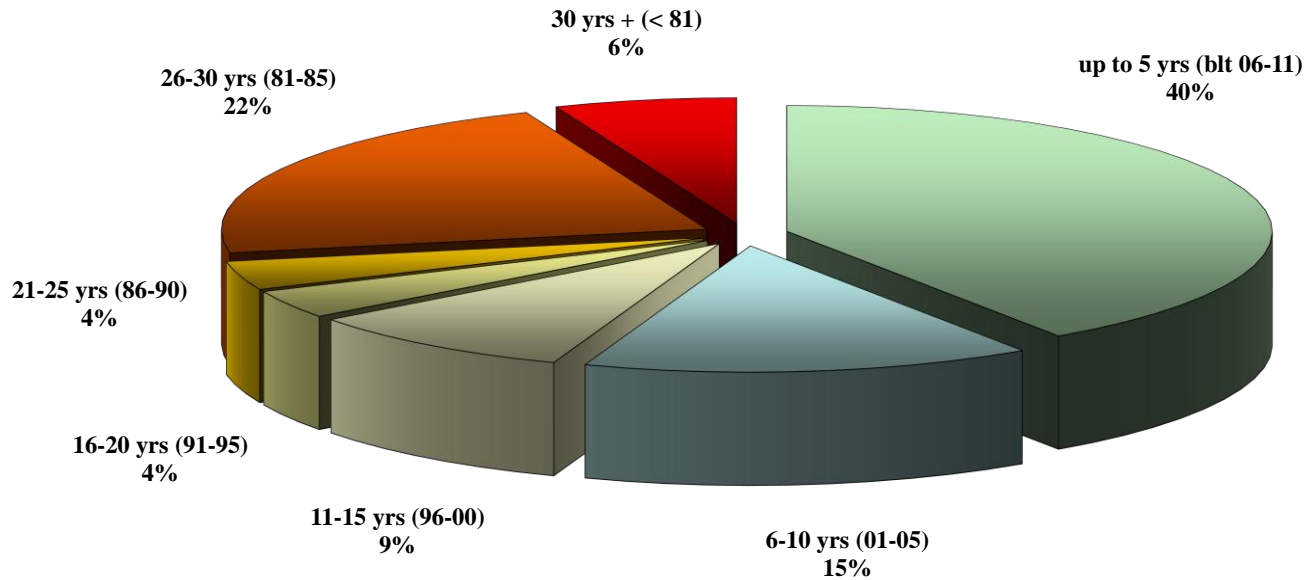


## Handy2 Bulk (28,000-37,999 dwt) Age Profile

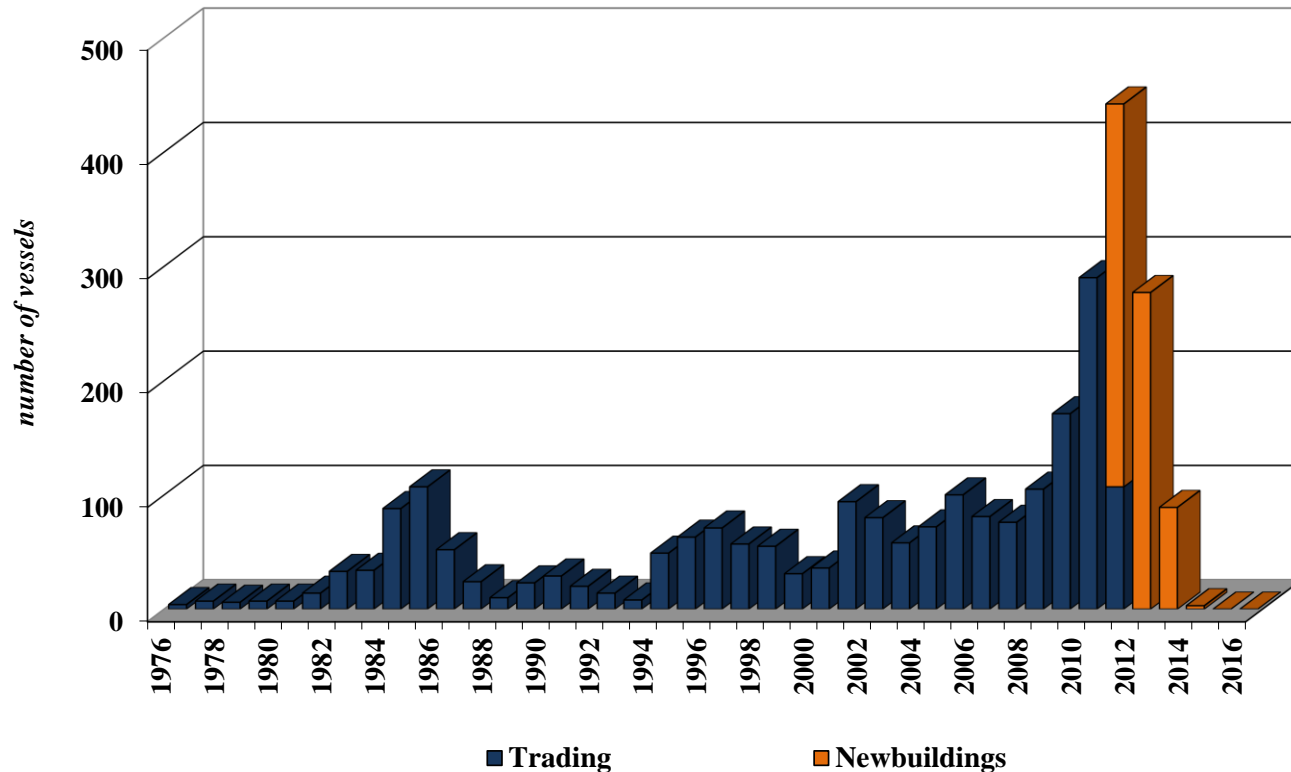


## Handy2 Bulk (28,000-37,999 dwt) Age Profile Pie

Orderbook/Trading  
45%

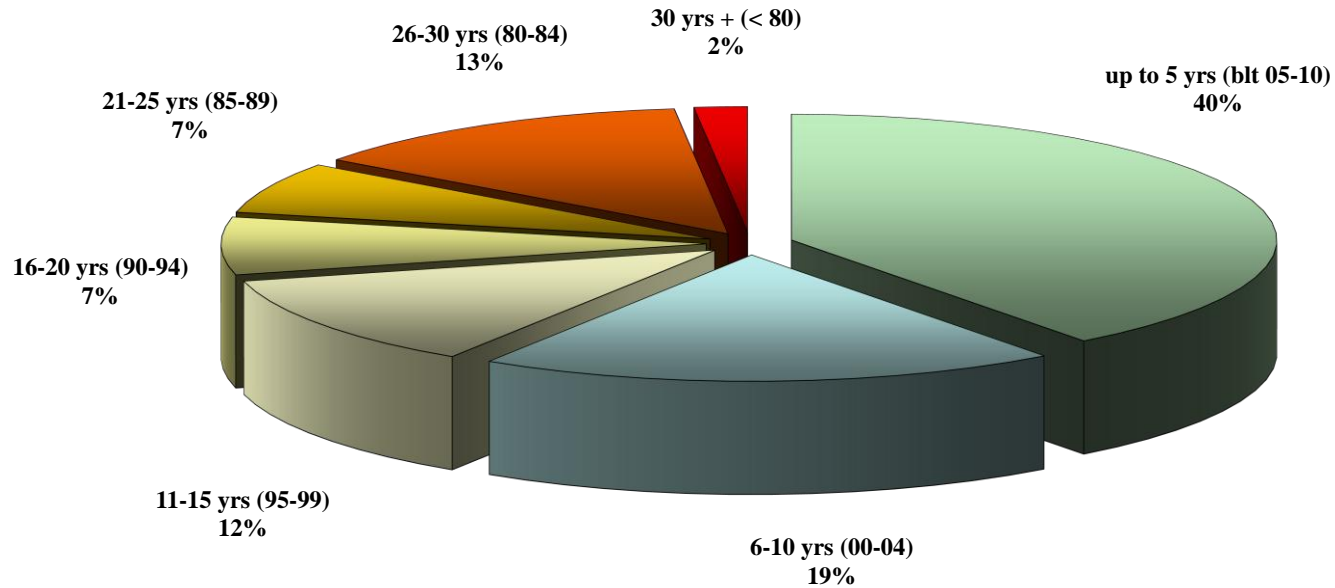


## Handymax Bulk (38,000-59,999 dwt) Age Profile

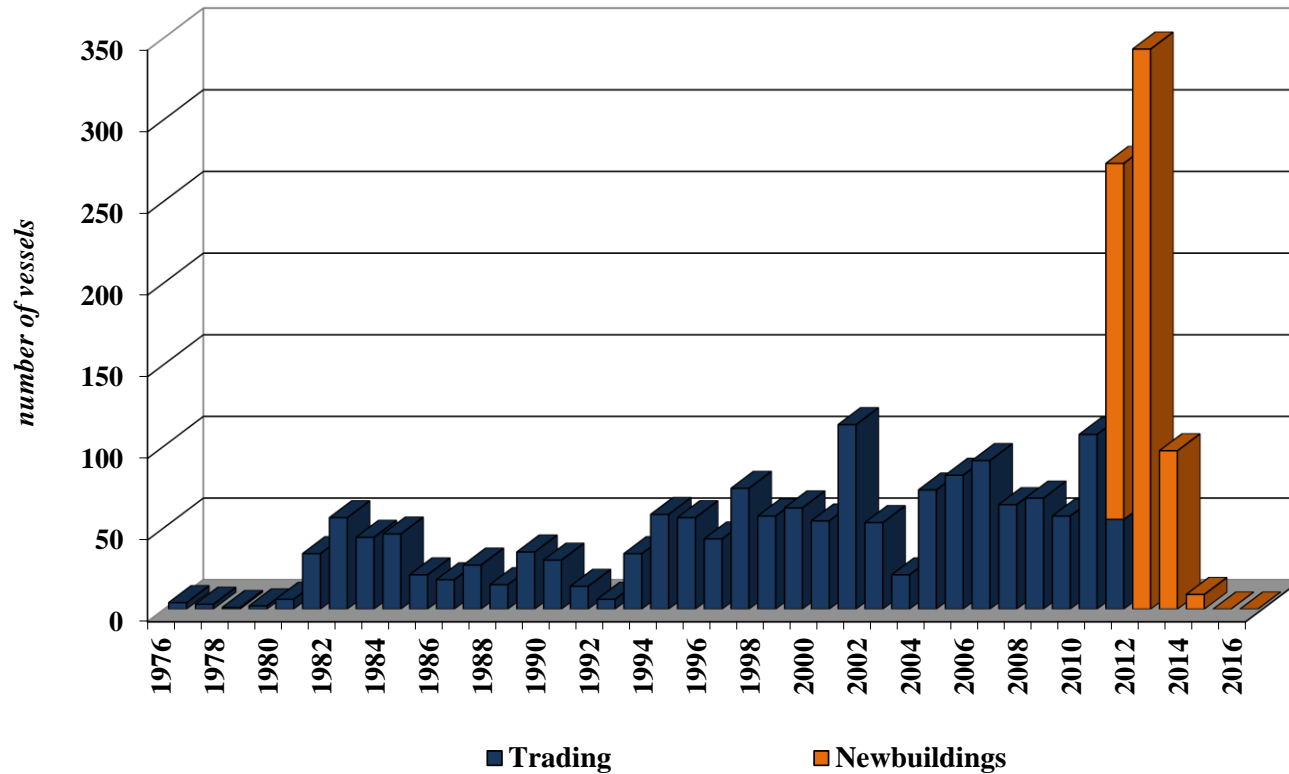


## Handymax Bulk (38,000-59,999 dwt) Age Profile Pie

Orderbook/Trading  
34%

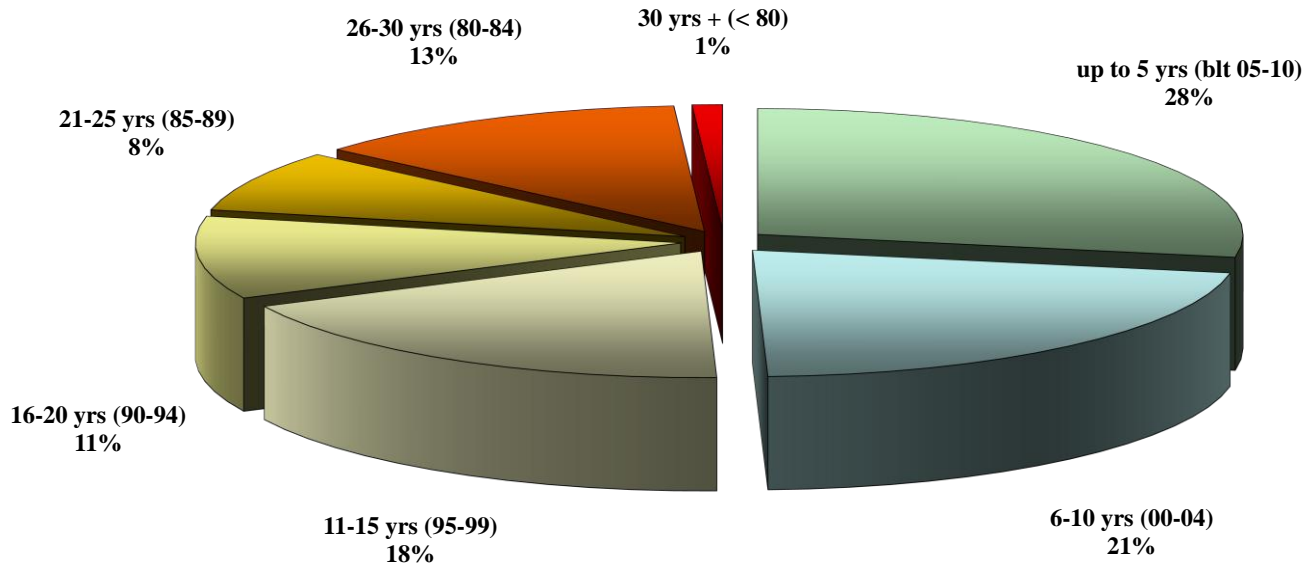


### Panamax Bulk (60,000-84,999 dwt) Age Profile

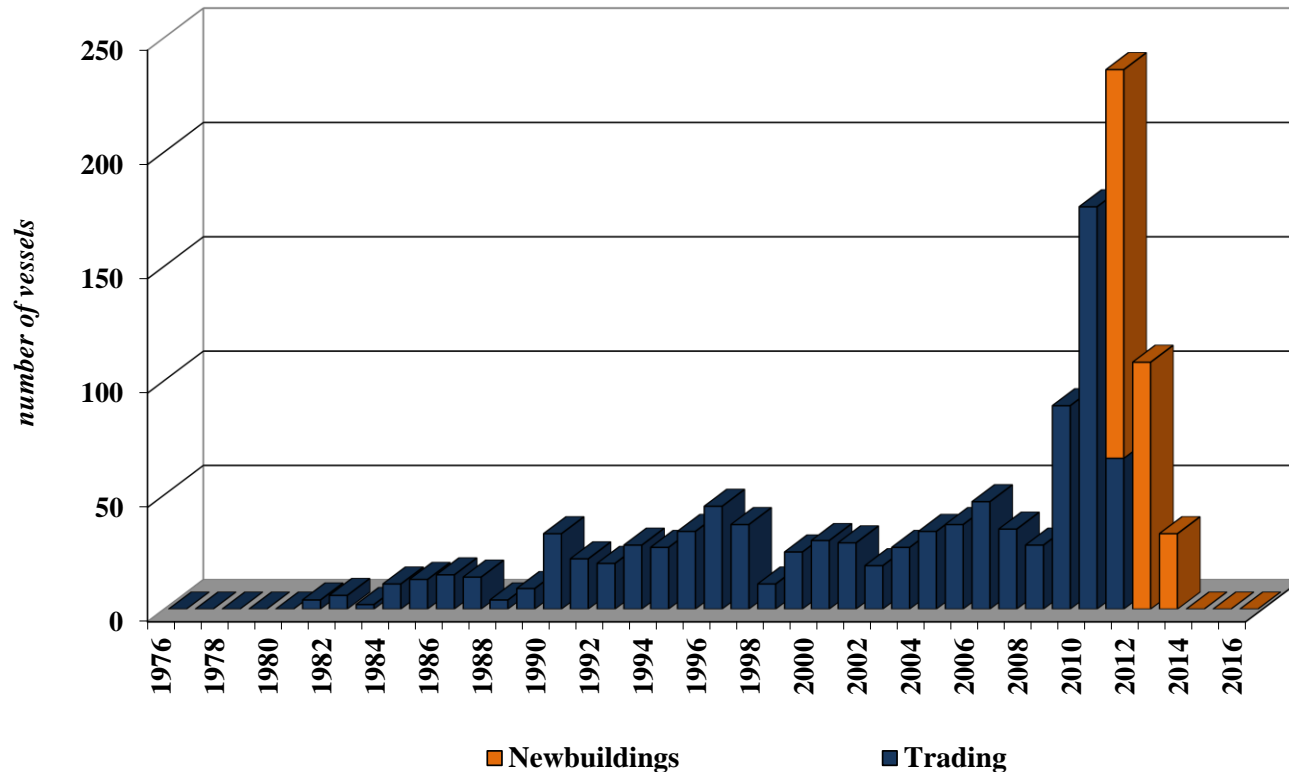


## Panamax Bulk (60,000-84,999 dwt) Age Profile Pie

Orderbook/Trading  
42%

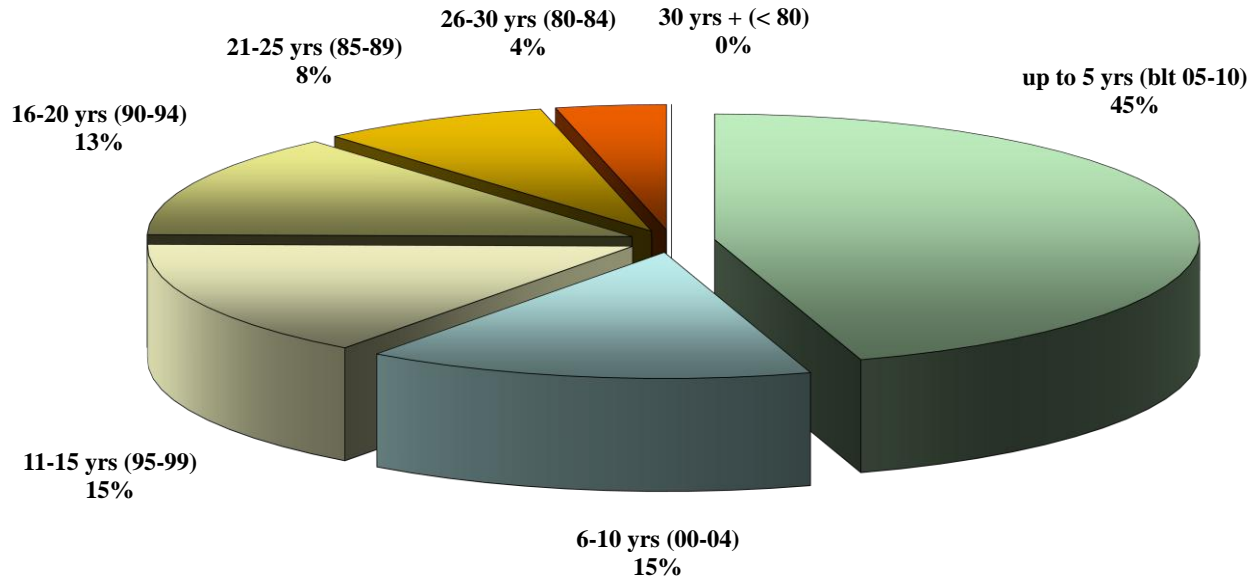


### Capesize Bulk (120,000-199,999 dwt) Age Profile

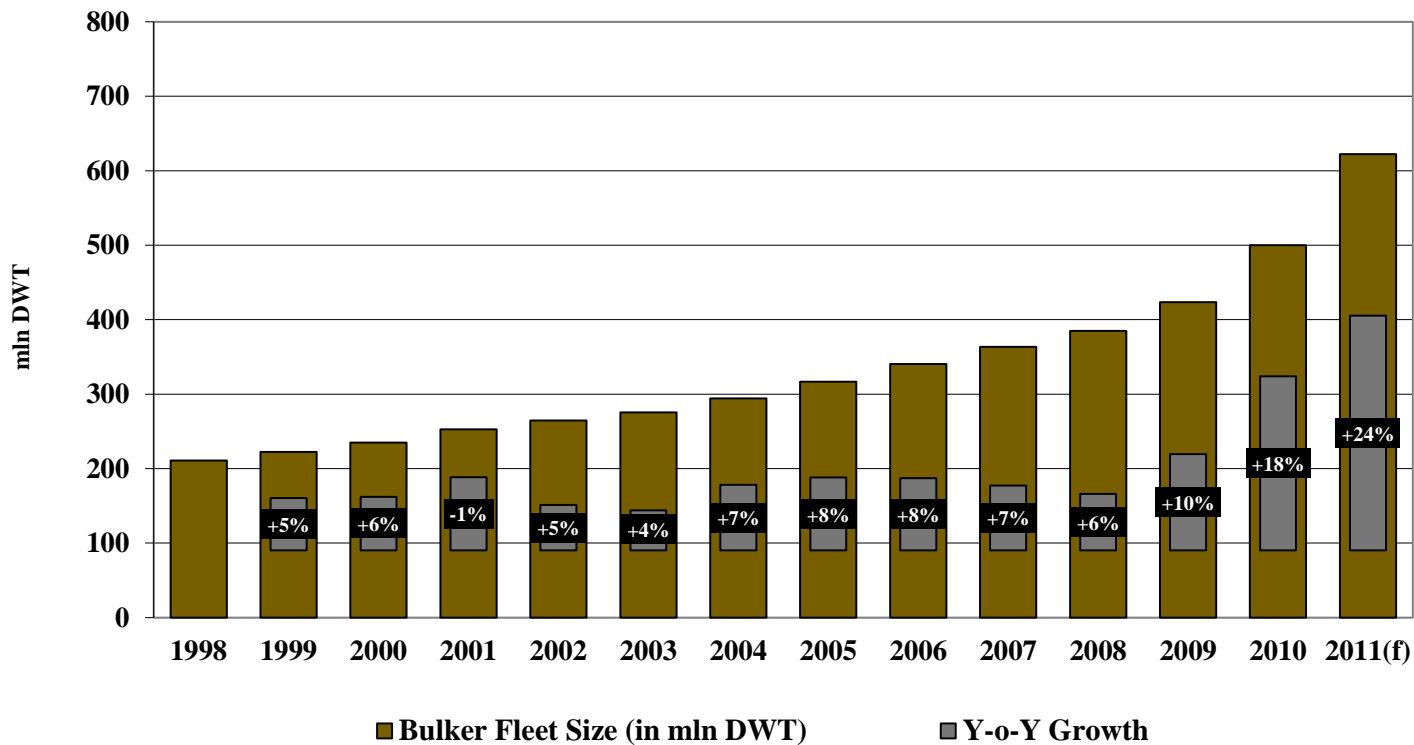


## Capesize Bulk (120,000-199,999 dwt) Age Profile Pie

Orderbook/Trading  
32%



## Bulk Fleet (20,000 dwt +) Growth (in mln dwt)



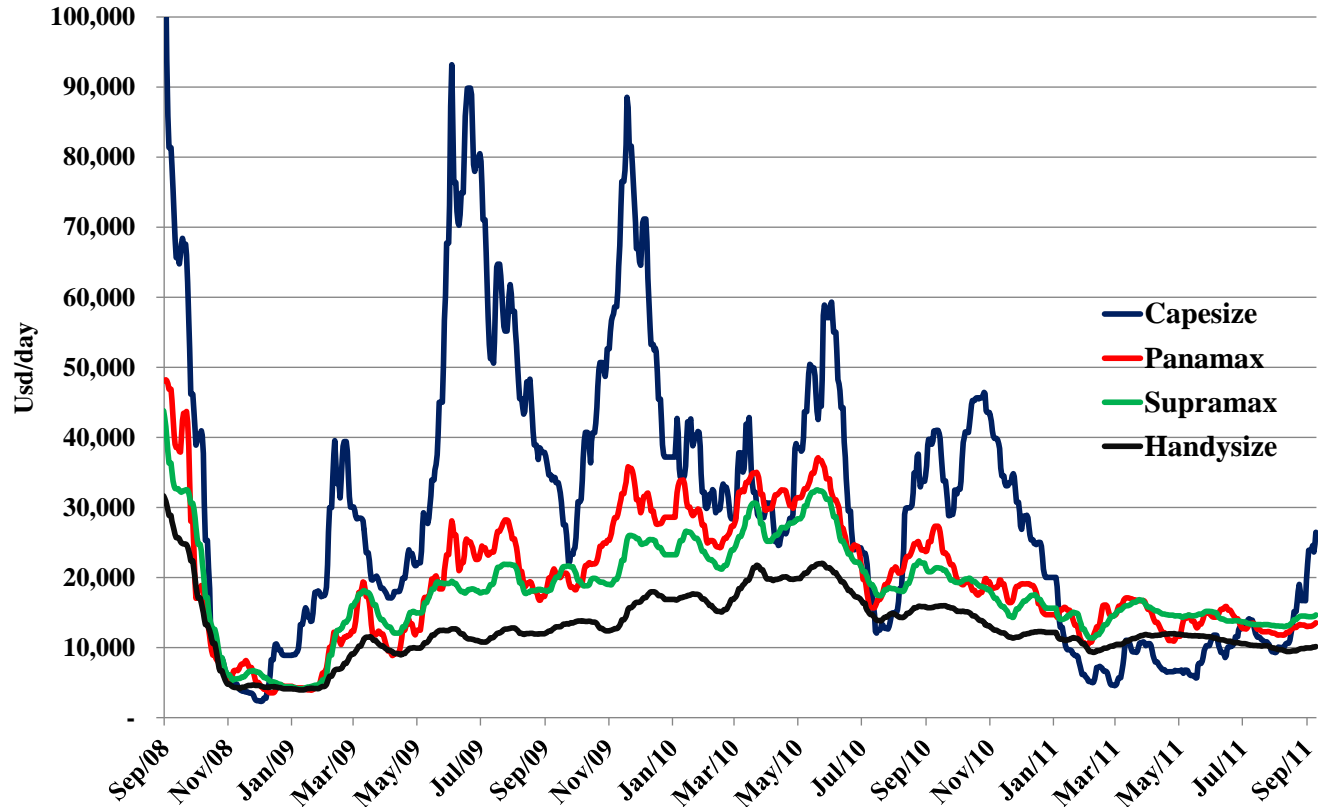


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# *Rates and Prices*

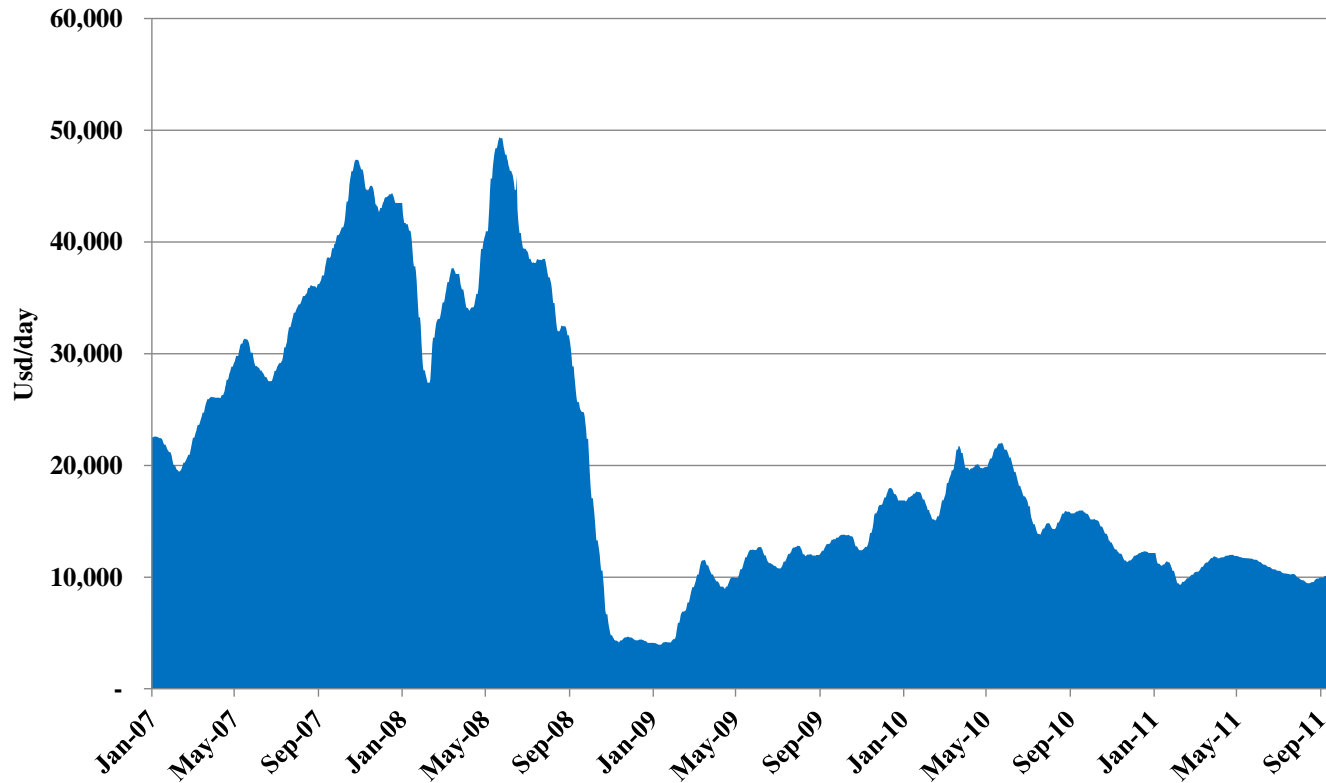


### Spot Rates



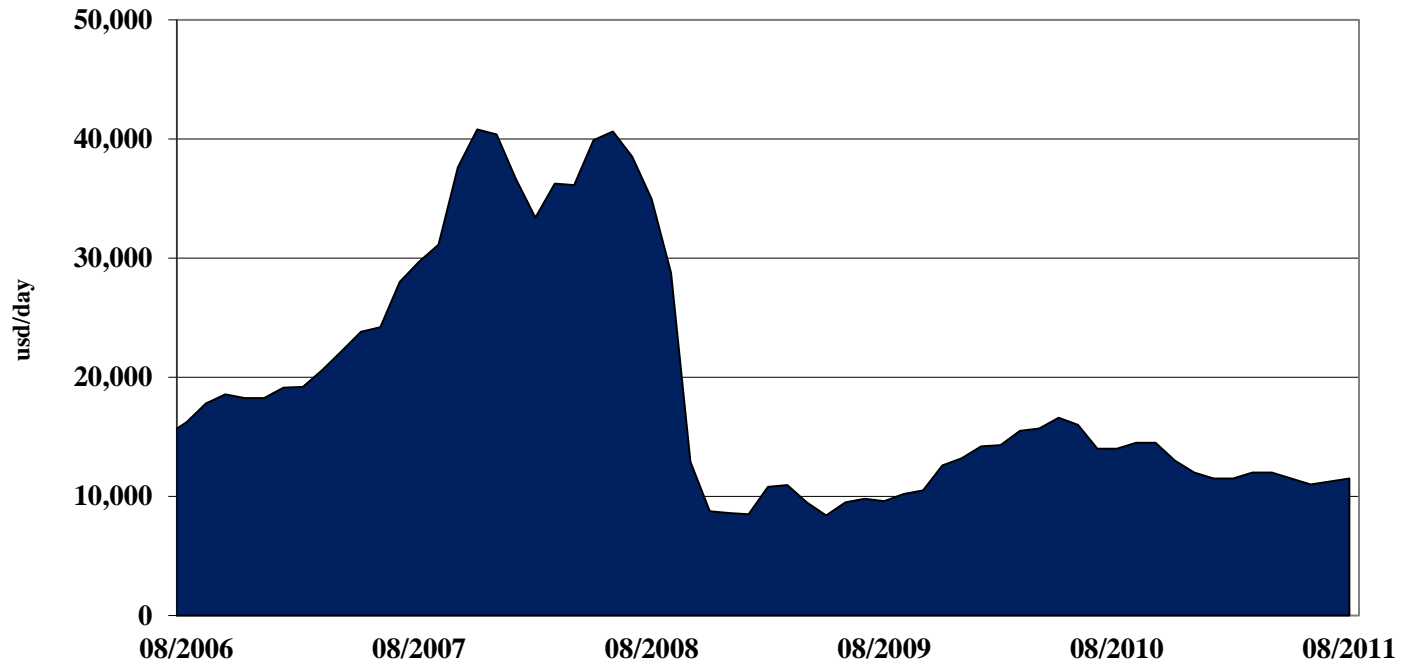


## Baltic **Handysize** Timecharter Index (source: baltic exchange, daily data, usd/day)



## Handysize Bulk 1-Year Timecharter Rates

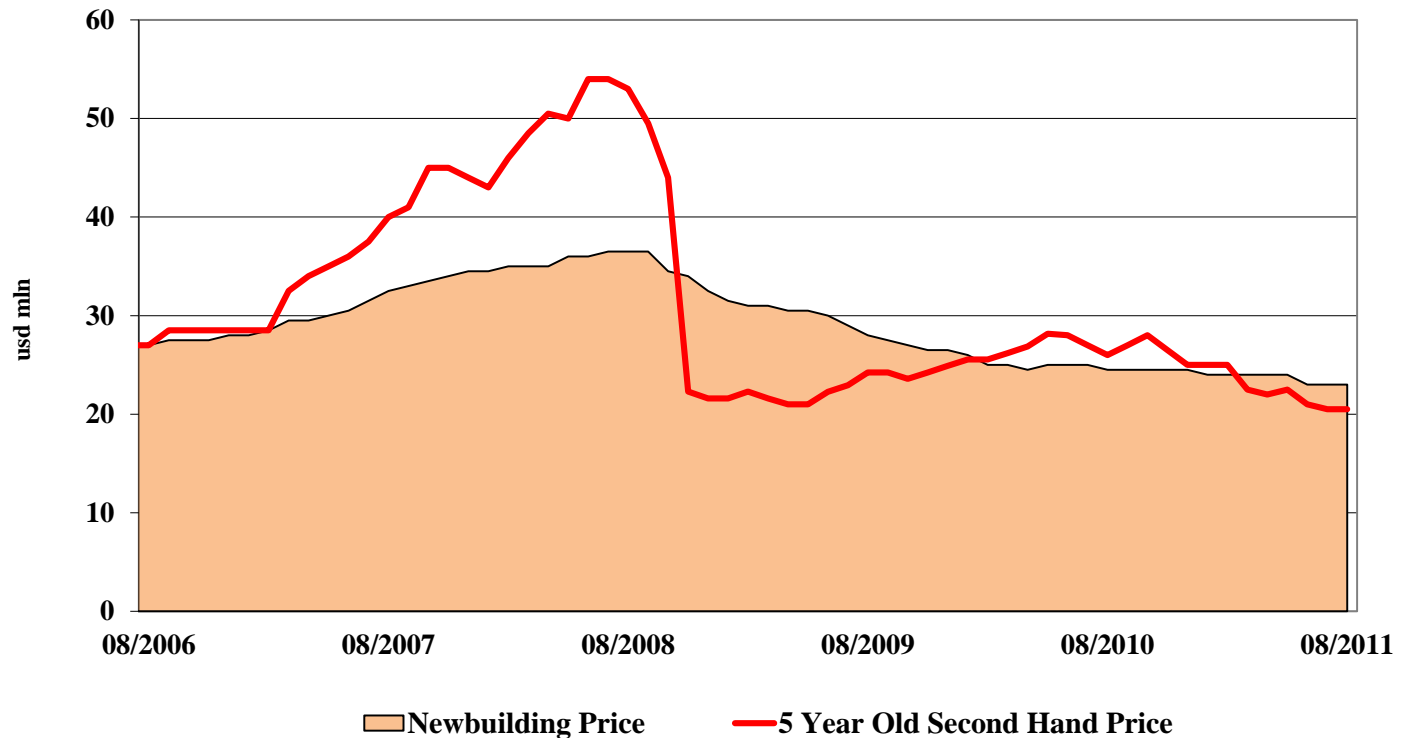
(basis modern, estimated **monthly averages**, in usd/day)



■ 1-Year Timecharter Rates

## Handysize Bulk **Newbuilding** / **5YO SH Prices**

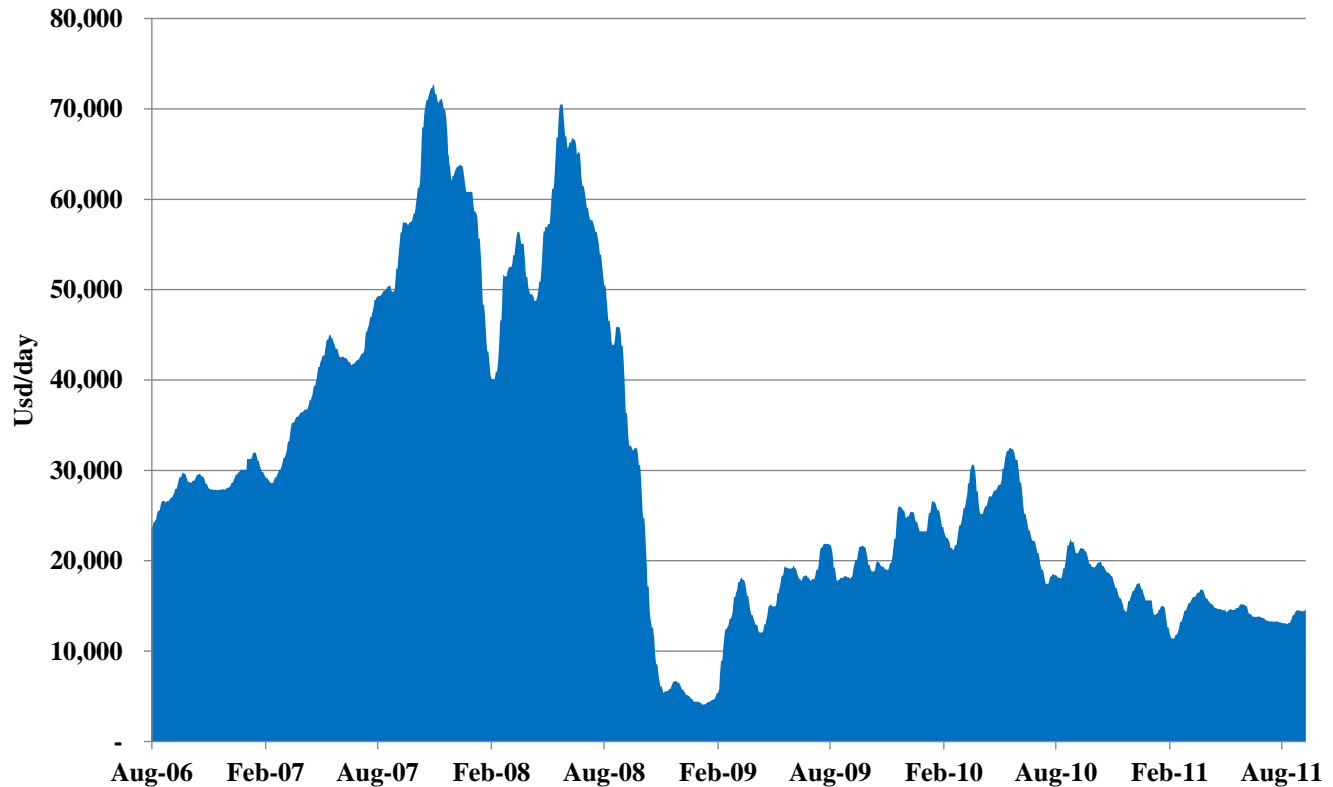
(estimated monthly avg, in USD mln)





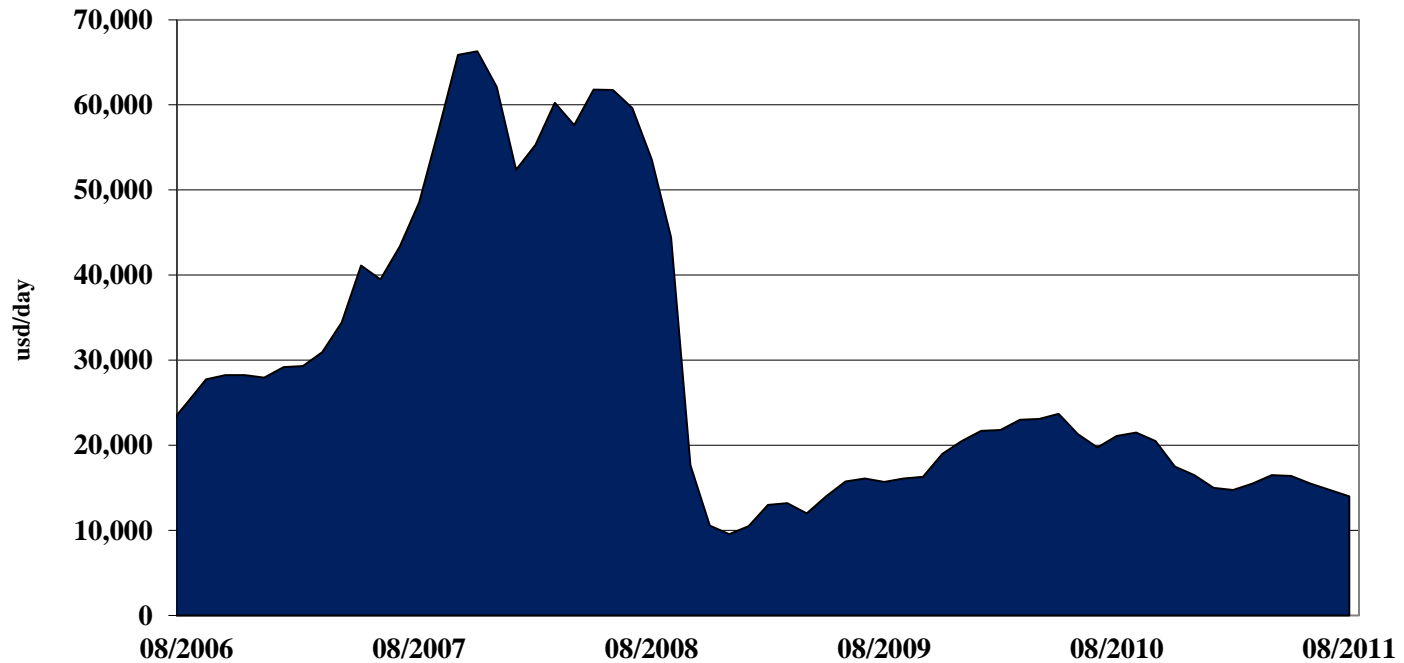
## Baltic **Supramax** Timecharter Index

(source: baltic exchange, daily data, usd/day)



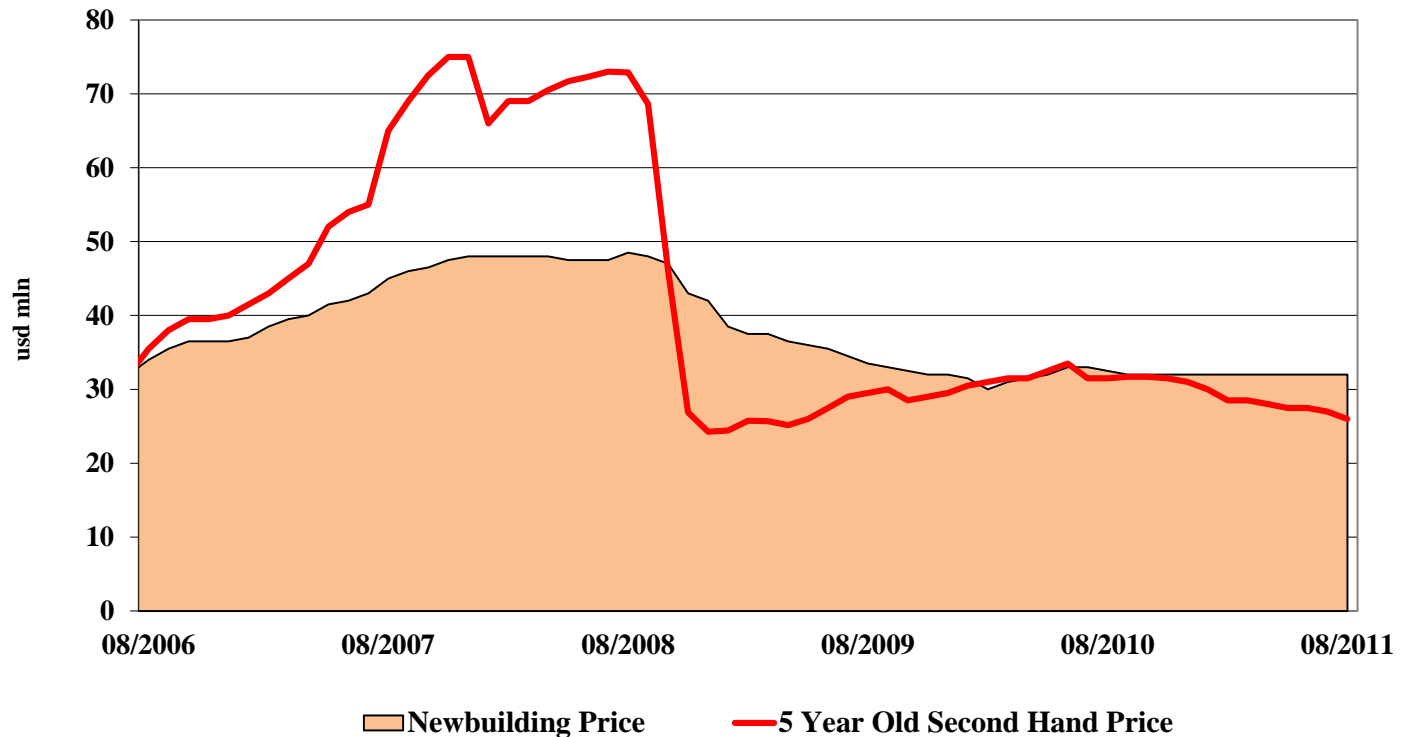


## Supramax Bulk **1-Year Timecharter Rates** (basis modern, estimated **monthly averages**, in usd/day)



■ 1-Year Timecharter Rates

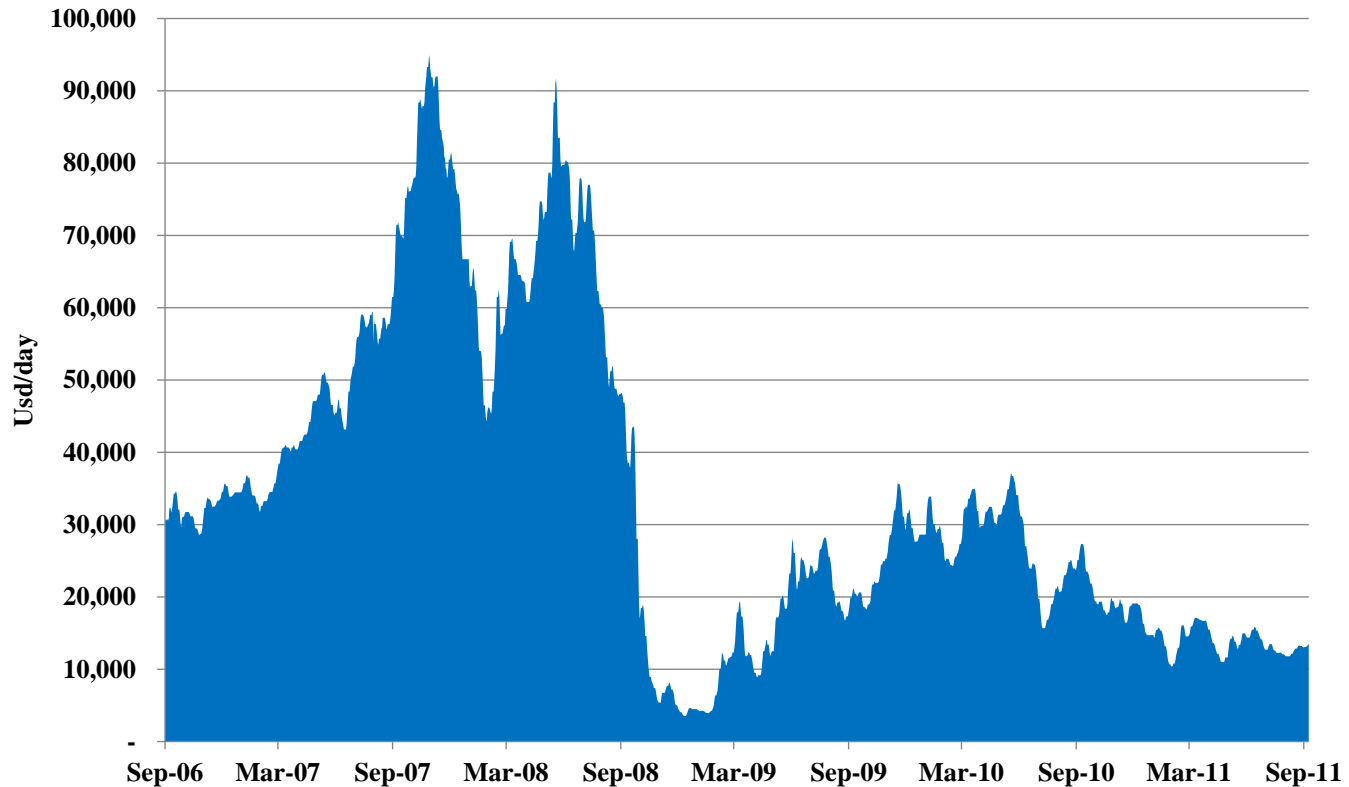
## Supramax Bulk **Newbuilding / 5YO SH Prices** (basis modern, estimated monthly avg, in USD mln)





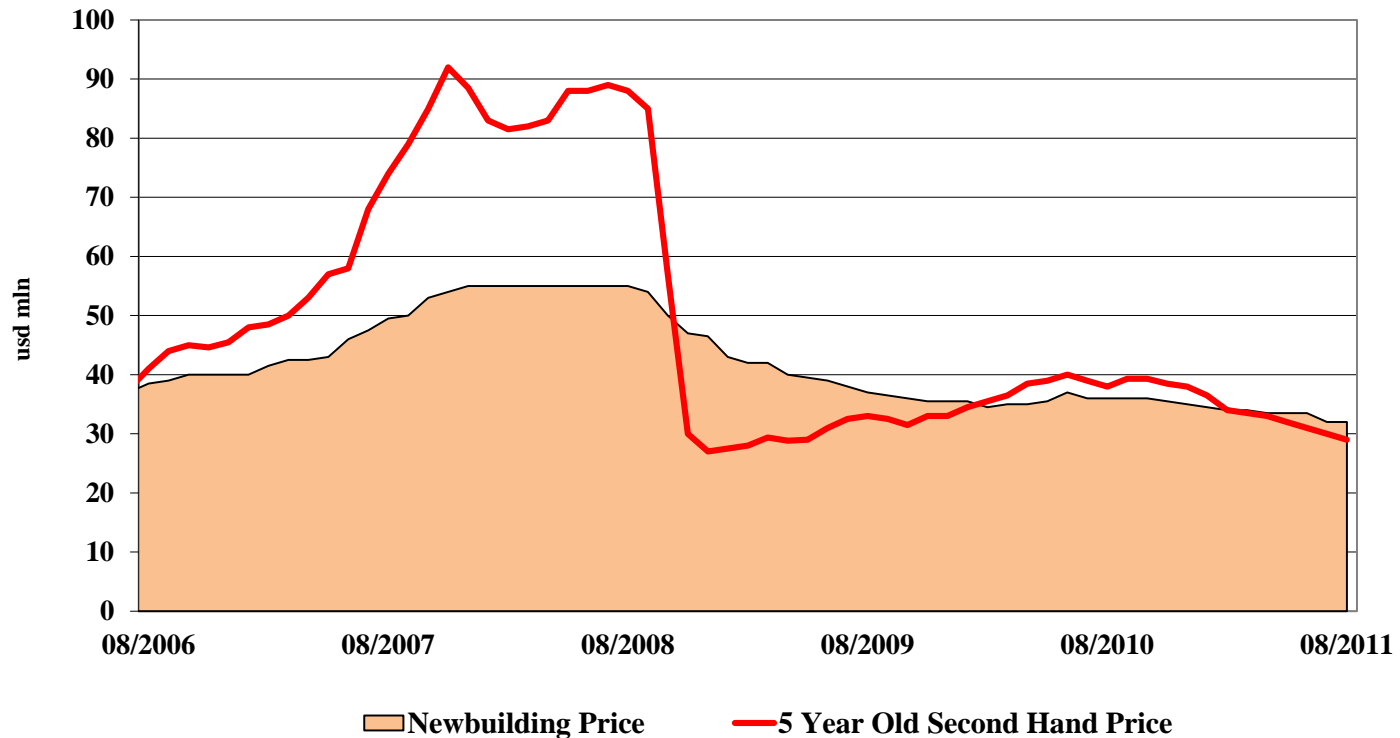
## Baltic **Panamax** Timecharter Index

(source: baltic exchange, daily data, usd/day)



## Panamax Bulk **Newbuilding / 5YO SH Prices**

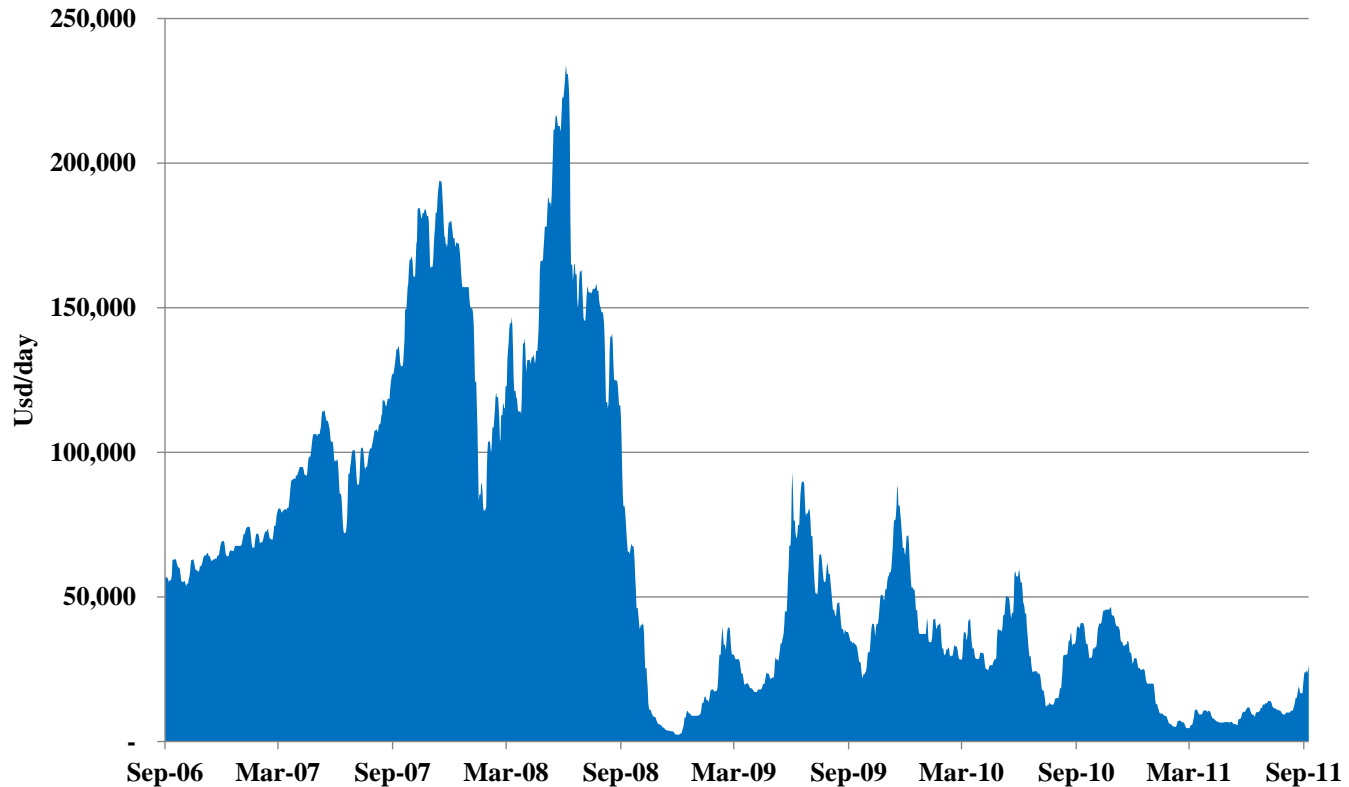
(basis modern, estimated monthly avg, in USD mln)



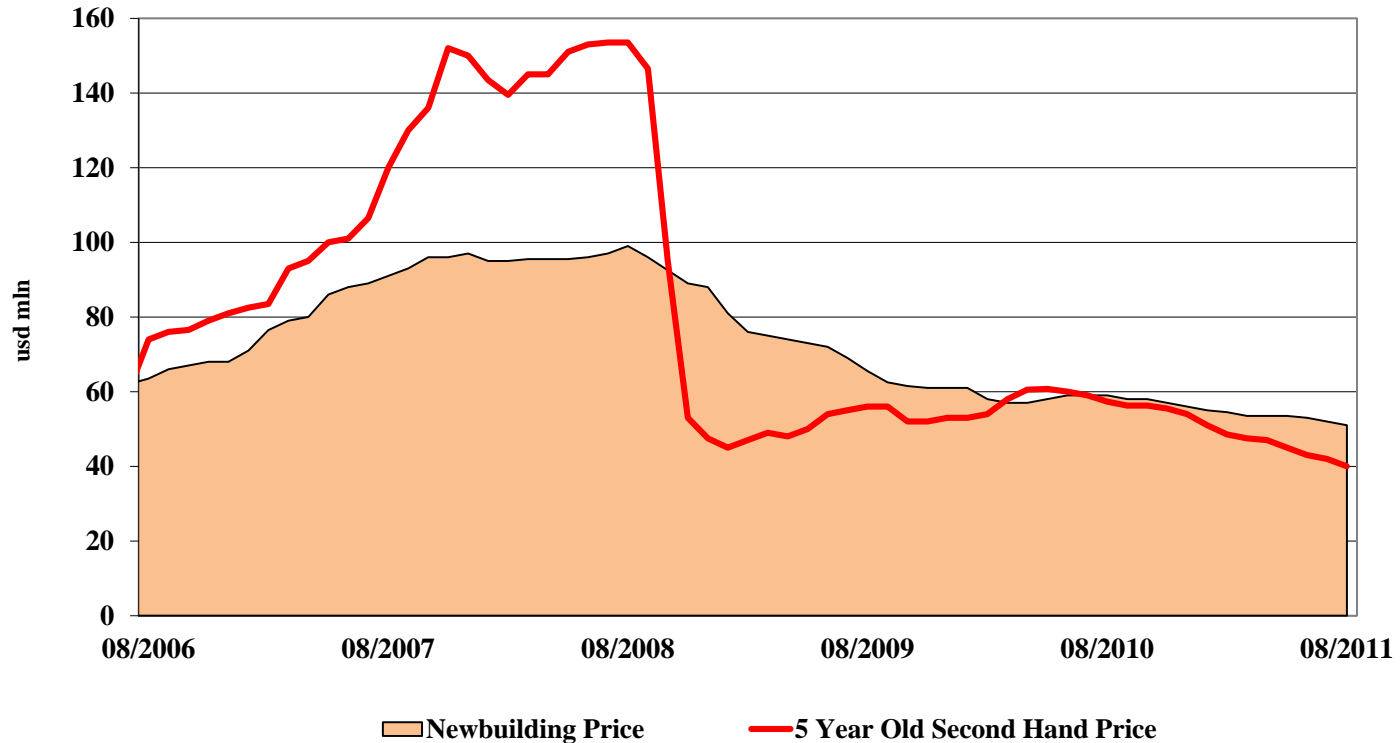


## Baltic **Capesize** Timecharter Index

(source: baltic exchange, daily data, usd/day)



## Capesize Bulk **Newbuilding / 5YO SH Prices** (basis modern 170k dwt, estimated monthly avg, in USD mln)



*banchero costa*



***head office - genoa***

via pammatone, 2 16121 genoa (italy)

phone: + 39.010.5631 - 1

<b>dry c. - cape/pmx</b>	5631-200	capespms@bancosta.it	<b>derivatives</b>	5631-251	derivatives@bancosta.it
<b>dry c. - handy</b>	5631-200	handy@bancosta.it	<b>research</b>	5631-558	research@bancosta.it
<b>dry c. - operating</b>	5631-200	dryoper@bancosta.it	<b>lng projects</b>	5631-554	gas@bancosta.it
<b>tankers</b>	5631-300	tanker@bancosta.it	<b>agency</b>	5631-600	bcagy@bcagy.it
<b>containers</b>	5631-515	containers@bancosta.it	<b>insurance</b>	5631-700	insurance@bancostains.it
<b>s&amp;p</b>	5631-500	salepurchase@bancosta.it	<b>p&amp;i</b>	5631-775	main.ge@bseag.it
<b>ship finance</b>	5631-556	financial@bancosta.it	<b>accounting</b>	5631-400	account@bcaccount.it

*bancosta monaco*  
**monte carlo**

phone: +377.97.707.497  
info@bancosta-monaco.com

*bancosta geneva*  
**geneva**

phone: +41.22.737.2626  
info@bancosta.ch

*bancosta uk*  
**london**

phone: +44.207.398.1870  
info@bancosta.co.uk

*bancosta moscow*  
**moscow**

phone: +7.495.988.6207  
tanker@bancosta.it

*bancosta oriente*  
**hong kong**

phone: +852.28.651.535  
bancosta.oriente@bancosta.com.hk

*bancosta oriente*  
**singapore**

phone: +65.63.27.28.62  
bancosta.oriente@bancosta.com.hk

*bancosta oriente*  
**beijing**

phone: +86.10.84.53.49.93  
capespms@bancosta.it