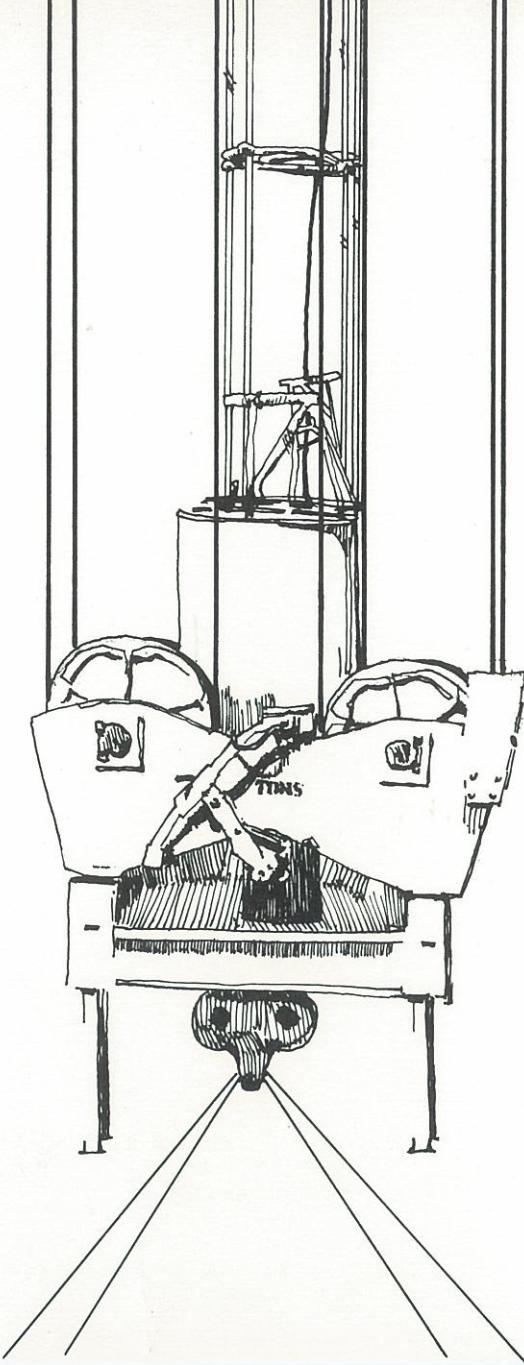




TOWNSVILLE HARBOUR BOARD  
**ANNUAL  
REPORT  
1975**



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# BOARD MEMBERS

- A.G. Field** (Chairman) — The Queensland Government.
- A.J. Hope** (Deputy Chairman) — The City of Townsville.
- R.H. Saxby** — The Shire of Ayr.
- L.R. Brain** — The Queensland Government.
- E.S.P. Netterfield O.B.E.** — The Shires of Flinders, McKinlay and Richmond.
- M.D. Hooper M.L.A.** — The City of Townsville.
- J.B. Matthews** — The Shires of Dalrymple and Thuringowa.
- A. McGrady** — The City of Mount Isa.
- A.A. Ticehurst** — The Shires of Cloncurry, Winton and Boulia.
- T.H.A. Titley** — The City of Charters Towers.



# SENIOR OFFICERS

- H.J. Taylor** (Manager) — F.A.S.A  
F.C.I.S.
- I.G. Malpas** (Secretary) — B. Com.  
A.A.U.Q., A.A.S.A., A.C.I.S.
- W.S. Service** (Works Engineer) — B.E..  
(C. Eng.), M.I.C.E., M.N.Z.I.E.

## FOREWORD

This is the second abridged report of the Board's triennium and includes the trade statistics, accounts and a short summary of work carried out for the year ended 30th June, 1975.

The trade of the port is developing at a fast rate, and for the first time in its history, exceeded two million tonnes. Sugar exports passed the half million tonne mark and the rock phosphate export trade has commenced. Shipments of nickel from the Greenvale Refinery at Yabulu are being handled by the Port's new container crane and materially assists in establishing the Port of Townsville as one of Australia's high value product ports.

Development works have continued —dredging to accommodate 65,000 tons (d.w.) vessels, and the extension of wharf facilities for more efficient container crane operation being in the forefront. Following the completion of the dredging the following depths and widths have been declared by the Marine Authority: Sea and Platypus Channel 10.7 m (92 m), Tanker Swinging Basin 10.7 m (396 m) and Tanker Berth 12.5 m.

The Board's finances are sound and geared to ensure the maximum port development from available funds.

The Board continues to base its development on sound long-range planning. With the rapid expansion of trade assured during the next few years, the expansion of the present harbour has become paramount. Engineering and Environmental Studies have been carried out for the Board by top level engineers and scientists to ensure that any proposed expansion is soundly based. Five hundred and fifty acres of freehold land contiguous to and south of the present harbour have been purchased to ensure that the Port of Townsville will continue to expand and remain a viable outlet for its rich hinterland.

A. G. FIELD,  
CHAIRMAN



# Port operation

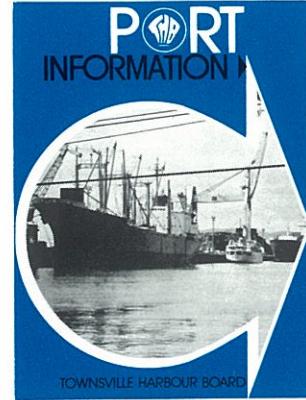
## FACILITIES

Nine major vessels can be accommodated at berths ranging in depths from 8 m to 12.7 m, L.W.O.S.T. Specialised berths provide services for oil tankers, bulk sugar, mineral concentrates and ore loaders as well as meat, molasses, container, roll-on roll-off and stern angle ramp vessels.

Cranage comprises a 55 tonne container crane at No. 3 berth, a 25 tonne crane at No. 10 berth (A.N.L. Terminal) and two 20 tonne cranes at No. 2 berth. A modern fleet of mobile cargo handling equipment services the general cargo trade.

All berths are serviced with fresh water, telephone and electrical power outlets whilst bunker fuel is available at four berths. All berths except the tanker berth and the A.N.L. Terminal are serviced by the State Railway system. Towage and ships' lines services are provided by contractors.

Pratique is given 24 hours per day and the continuously manned port control tower maintains constant radio contact with shipping, tugs, the pilot service and the port security service.



A handbook containing details of port facilities, harbour and channel depths, services and charges is available to interested persons upon application to the Board.

## TRADE OF THE PORT

Cargo throughput for the year ended 30th June amounted to 2,100,956 tonnes, an increase of 12% on last year's trade. Imports totalled 857,194 tonnes (16.5% increase) and exports 1,243,762 tonnes (9% increase).

During the year 408 vessels entered the port with a gross registered tonnage of 2,851,070. This was 63 vessels less than last year and a decrease of 29,217 gross registered tons, reflecting the trend to carry larger cargoes per voyage.

## **Development Projects**

### **DREDGING**

Developmental dredging of the approach channel, the swing basin and the berths continued throughout the year, using both the Board's and the Contractor's dredging plant. The scope of the work covers the deepening of the entrance channel to 10.7 m and widening to 92 m, extension of the swing basin to 396 m diameter to a depth of 10.7 m, deepening of No. 1 (tanker) berth to 12.5 m and No. 3 berth to 10.1 m.

Dredging of the approach to No. 10 (R.O.R.O.) berth to 10.7 m is also proceeding.

### **WHARVES**

At No. 3 Berth a 45 m recess between the breasting wharf and the mooring platform is being filled in and the crane rail extended to allow the crane to operate along the full length of the berth. Steel piling for the infill section has been driven and work has commenced on the concrete deck. Access walkways between the wharf and the fendering system have been installed to facilitate the handling of ships' lines.

Investigation and design work associated with the construction of a mooring dolphin at No. 10 (A.N.L.) berth has been completed and tenders called. The upgrading of this berth is designed to accommodate A.N.L. vessels in the Eastern Seaway Service.

### **BUILDINGS**

A new building was constructed at No. 3 Berth, the ground floor as a toilet block and the upper floor as an electrical sub-station. Power supply to this sub-station has been duplicated in order that an alternative source of supply may be available to feed the container crane and other electrical installations should one system fail.

A 260 K.V.A. Diesel Alternator has been purchased as a standby power supply to supplement or take over any part of the reticulation in the event of an emergency.

### **BULK RAW SUGAR STORAGE.**

A start was made on site preparation works for extension of bulk sugar storage facilities and the reconstruction of Ross Street to provide a new access road to the Port.

## **Maintenance**

### **MAINTENANCE WORKS**

#### **WHARVES, BUILDINGS, ROADS, RAIL LINES AND PLANT**

All wharf berths have been adequately maintained, sheds and buildings repaired and painted and roads, parking areas, and rail lines in the port area kept in serviceable condition.

A new mooring was constructed at No. 1 (tanker) berth to replace one destroyed in a shipping accident. Salvage, repair and re-commissioning of the grab dredge, which accidentally sank at its berth, proved to be a major operation.

Dredges and floating plant have been slipped and surveyed as required and other plant kept in sound operating condition.

An oil boom and skimmer have been purchased and a system instituted to ensure the quick containment and recovery of oil spilled into the harbour.

#### **HARBOUR & MARINE DEPARTMENT WORKS.**

Relocation of channel leads and the installation of a storm surge recorder were carried out for the Department of Harbours and Marine.

#### **PORT BEAUTIFICATION AND CLEANING.**

Particular attention has been paid to keeping the Port and its environs in a clean and tidy condition. Grassed areas, gardens and trees have been regularly tended.

**TOWNSVILLE HARBOUR BOARD  
BALANCE SHEET**

As at 30th June, 1975

	\$	\$	\$	\$
<b>ACCUMULATED FUNDS.....</b>				<b>6,413,037</b>
<b>Reserves</b>				
Long Service Leave Sinking Fund .....	99,000			
Assets Replacement Fund.....	1,667,504			1,766,504
				<b>\$8,179,541</b>
<b>REPRESENTED BY</b>				
<b>Current Assets &amp; Investments</b>				
Cash at Bank and on Hand.....		(313,525)		
Term Deposits & Short Term Money Market .....	279,000			
Stores.....	34,753			
Debtors .....	290,000			
Investments.....	—			
Prepayments.....	64,806		355,034	
<b>Deduct Current Liabilities</b>				
Sundry Creditors.....	143,090			
Contract & Sundry Deposits.....	18,888			161,978
Working Capital.....				193,056
<b>Fixed Assets</b>				
Wharves.....	7,520,221			
Less Redemption Reserve.....	84,847		7,435,374	
Lands & Tenanted Buildings .....	11,636,367			
Less Redemption Reserve & Advances .....	6,387,290		5,249,077	
Small Boat Harbours & Facilities .....		117,203		
Major Plant—Cranes.....	1,214,986			
Less Redemption Reserve.....	200,000		1,014,986	
Dredging Plant.....	313,032			
Workshops .....	27,064			
Miscellaneous Plant .....	57,744			
Electrical Distribution.....	134,270			
Wharf Supervision.....	3,141			
Store Facilities.....	150			
Administration .....	168,129			
Engineering.....	3,901			
Fire Services .....	42,050			
Access Roads .....	37,000			
Channels & Swing Basins.....	442,414			
Parks & Gardens.....	8,653			
Work in Progress.....	4,732,819		19,787,007	
<b>Deduct Long Term Liabilities</b>				
Special Advances .....	2,513,633			
Less Redemption.....	250,908		2,262,725	
<b>Loans</b>				
General .....	9,537,797			
Assets Fund .....	—			
			9,537,797	11,800,522
<b>ACCUMULATED FUNDS.....</b>				<b>7,986,485</b>
				<b>\$8,179,541</b>

**TOWNSVILLE HARBOUR BOARD**  
**RECEIPTS & PAYMENTS**

Statement for the year ended 30th June, 1975

**HARBOUR FUND**

Balance 1st July, 1974 .....	\$ 126,822
<b>Receipts</b>	
Harbour Dues .....	1,650,704
Tonnage Rates .....	382,438
Rents .....	185,396
Plant Hire .....	71,487
Water & Electricity Charges .....	57,444
Interest on Investments .....	50,773
Other Operating Receipts .....	10,777
Repayment of Investments .....	465,564
Advances for Container Crane .....	110,936
Advances from Assets Fund .....	692,669
Asset Retirements .....	14,749
	<hr/>
	\$3,819,759
<hr/>	

**Payments**

Administration .....	235,428
Dredging .....	762,711
Wharves Maintenance .....	71,589
Lands & Tenancies .....	62,513
Plant Hire .....	39,709
Wharf Supervision .....	143,969
Water & Electrical Services .....	128,961
Interest .....	487,081
Other Operating Costs .....	168,274
Loan Commitments .....	368,931
Transfers to Assets Replacement Fund .....	644,000
Capital Expenditure .....	925,795
	<hr/>
	\$4,038,961
Balance 30th June, 1975 (Overdraft) .....	\$ 219,202

**ASSETS REPLACEMENT AND IMPROVEMENT FUND  
(AS PART OF HARBOUR FUND)**

Balance 1st July, 1974 .....	\$ 72,300
<b>Receipts</b>	
Transfers from Harbour Fund.....	644,000
	<hr/>
<b>Payments</b>	Sub-Total
Advances to Harbour Fund .....	\$ 716,300
Loan to Harbour Fund .....	\$ 692,669
	23,500
	<hr/>
Balance 30th June 1975 .....	\$ 716,169
	<hr/>
	\$ 131
	<hr/>

**LOAN FUND**

Balance 1st July, 1974 .....	324,853
<b>Receipts</b>	
Debenture Loans .....	950,000
Interest.....	22,526
	<hr/>
<b>Payments</b>	Sub-Total
Developmental Dredging .....	922,036
Molasses Terminal .....	126,030
Sugar Drier Stations.....	39,818
Extension No. 3 Berth .....	125,000
Transfer of Interest to Harbour Fund .....	22,526
	<hr/>
Balance 30th June, 1975 .....	\$1,235,410
	<hr/>
	\$ 61,969
	<hr/>

# SOURCE & APPLICATION OF FUNDS

For Year Ended 30th June, 1975

## HARBOUR FUND

### Source

Operating Profit for Year.....	987,896
Depreciation Written Off.....	283,168
Asset Retirement.....	2,455
Special Advances—Net.....	98,530
Decrease in Investments.....	722,898
Decrease in Liquid Assets.....	565,115
	<hr/>
	\$2,660,062
	<hr/>

### Application

Investment in Fixed Assets.....	1,651,000
Decrease in Loan Indebtedness.....	500,399
Decrease in Current Liabilities.....	452,968
Increase in Current Assets.....	55,695
	<hr/>
	\$2,660,062
	<hr/>

# Cargo Statistics

**YEAR ENDED 30th JUNE 1972**

Imports — Australia	10
Imports — Overseas	11
Exports — Australia	12-13
Exports — Overseas	14-17
Imports	18
Exports	19
Shipping Information	20

# IMPORTS Australia TONNES

PORT	General	Oil	Coke	Fertiliser	Steel	Meat	Timber	Gypsum	Total
<b>INTRASTATE</b>									
Brisbane	3 718	343 732	...	15 042	...	...	...	...	362 492
Palms Area	935	6	...	...	25	...	...	...	966
Rockhampton	...	...	...	...	28	...	...	...	28
<b>TOTAL</b>	<b>4 653</b>	<b>343 738</b>		<b>15 042</b>	<b>53</b>				<b>363 486</b>
<b>INTERSTATE</b>									
NEW SOUTH WALES									
Newcastle	...	...	...	6 802	8 927	...	...	...	15 729
Port Kembla	29	...	...	...	9 419	...	...	...	9 448
Sydney	15 886	4 704	...	...	7 380	66	...	...	28 036
<b>SUB-TOTAL</b>	<b>15 915</b>	<b>4 704</b>		<b>6 802</b>	<b>2 5726</b>	<b>66</b>			<b>53 213</b>
VICTORIA									
Geelong	...	31 230	...	...	...	...	...	...	31 230
Melbourne	37 809	...	...	...	2 080	116	53	...	40 058
Western Port	...	3 867	...	...	...	...	...	...	3 867
<b>SUB-TOTAL</b>	<b>37 809</b>	<b>35 097</b>		<b>2 080</b>	<b>116</b>	<b>53</b>			<b>75 155</b>
TASMANIA									
Bell Bay	6	...	...	...	...	...	...	...	6
Devonport	91	...	...	...	...	...	...	...	91
Hobart	6	...	...	...	...	...	...	...	6
<b>SUB-TOTAL</b>	<b>103</b>								<b>103</b>
SOUTH AUSTRALIA									
Thevenard	...	...	...	...	...	...	...	...	10 135
									10 135
WESTERN AUSTRALIA									
Kwinana	...	...	...	<b>3 036</b>	...	...	...	...	<b>3 036</b>
NORTHERN TERRITORY									
Darwin	67	...	...	...	...	...	...	...	67
Gove	381	...	...	...	...	...	...	...	381
<b>SUB-TOTAL</b>	<b>448</b>								<b>448</b>
<b>TOTAL</b>	<b>54 275</b>	<b>39 801</b>		<b>9 838</b>	<b>27 806</b>	<b>182</b>	<b>53</b>	<b>10 135</b>	<b>142 090</b>

# IMPORTS Overseas TONNES

PORT	General	Oil	Coke	Fertiliser	Steel	Meat	Timber	Gypsum	Total
BELGIUM									
Antwerp	27	...	...	...	...	...	...	...	27
CANADA									
Vancouver	2 069	...	...	...	...	...	...	...	2 069
FRANCE									
Bordeaux	62	...	...	...	...	...	...	...	62
GERMANY									
Bremen	66	...	...	...	...	...	...	...	66
Hamburg	116	...	...	...	...	...	...	...	116
<b>SUB-TOTAL</b>	<b>182</b>								<b>182</b>
INDONESIA									
Amamapare	80	...	...	...	...	...	...	...	80
IRAN									
Bandarmarshar	...	12 191	...	...	...	...	...	...	12 191
JAPAN									
Hiroshima	8 331	...	...	...	...	...	...	...	8 331
Kobe	1 318	...	...	...	...	...	...	...	1 318
Nagoya	10 810	...	...	...	...	...	...	...	10 810
Yokohama	7 721	...	...	...	...	...	...	...	7 721
<b>SUB-TOTAL</b>	<b>28 180</b>								<b>28 180</b>
NETHERLANDS									
Rotterdam	440	...	...	...	...	...	...	...	440
NIUGINI									
Bakada	...	...	...	...	...	...	220	...	220
Port Moresby	56	...	...	...	...	...	...	...	56
Samarai	49	...	...	...	...	...	1 282	...	1 331
<b>SUB-TOTAL</b>	<b>105</b>						<b>1 502</b>		<b>1 607</b>
NEW ZEALAND									
Tauranga	2 138	...	...	...	...	...	...	...	2 138
NORWAY									
Oslo	2	...	...	...	...	...	...	...	2
SAUDI ARABIA									
Bahrain	...	20 061	...	...	...	...	...	...	20 061
Ras Tannurah	...	36 529	...	...	...	...	...	...	36 529
<b>SUB-TOTAL</b>	<b>56 590</b>								<b>56 590</b>
SINGAPORE									
Singapore	...	236 302	...	...	...	...	...	...	236 302
SWEDEN									
Gothenburg	5	...	...	...	6	...	...	...	11
UNITED KINGDOM									
London	6	...	...	...	39	...	...	...	45
Liverpool	2 029	...	...	...	...	...	...	...	2 029
Sunderland	...	...	9 663	...	...	...	...	...	9 663
<b>SUB-TOTAL</b>	<b>2 035</b>		<b>9 663</b>		<b>39</b>				<b>11 737</b>
<b>TOTAL</b>	<b>35 325</b>	<b>305 083</b>	<b>9 663</b>		<b>45</b>		<b>1 502</b>		<b>351 618</b>
<b>SUMMATION</b>									
INTRASTATE	4 653	343 738	...	15 042	53	...	...	...	363 486
INTERSTATE	54 275	39 801	...	9 838	27 806	182	53	10 135	142 090
OVERSEAS	35 325	305 083	9 663	...	45	...	1 502	...	351 618
<b>TOTAL</b>	<b>94 253</b>	<b>688 622</b>	<b>9 663</b>	<b>24 880</b>	<b>27 904</b>	<b>182</b>	<b>1 555</b>	<b>10 135</b>	<b>857 194</b>

# EXPORTS Australia TONNES

PORT	General	Oil	Steel	Meat	Hides	Tallow	By Products	Refined Copper
<b>INTRASTATE</b>								
Brisbane	24	...	...	...	...	...	...	...
Cairns	450	...	...	...	...	...	...	...
Mackay	6	...	...	...	...	...	...	...
Palms Area	4 129	580	4	...	...	...	...	...
Thursday Island	63	...	12	...	...	...	...	...
Weipa	3 088	...	...	...	...	...	...	...
<b>TOTAL</b>	<b>7 760</b>	<b>580</b>	<b>16</b>					
<b>INTERSTATE</b>								
NEW SOUTH WALES								
Newcastle	2 646	...	...	...	...	...	...	...
Port Kembla	85	...	990	...	...	...	...	29 689
Sydney	5 661	...	4	316	240	1 672	...	6 698
<b>SUB-TOTAL</b>	<b>8 392</b>		<b>994</b>	<b>316</b>	<b>240</b>	<b>1 672</b>		<b>36 387</b>
VICTORIA								
Melbourne	<b>3 455</b>	...	...	<b>119</b>	...	...	...	<b>12 676</b>
TASMANIA								
Bell Bay	...	...	...	...	...	...	...	32
Burnie	6	...	...	...	...	...	...	...
Devonport	63	...	...	...	...	...	...	...
Hobart	87	...	...	...	...	...	...	...
Launceston	...	...	...	...	...	...	...	32
Risdon	...	...	...	...	...	...	...	...
<b>SUB-TOTAL</b>	<b>156</b>							<b>64</b>
SOUTH AUSTRALIA								
Adelaide	<b>207</b>	...	...	<b>22</b>	...	...	...	<b>477</b>
WESTERN AUSTRALIA								
Fremantle	<b>810</b>	...	...	...	...	...	...	...
<b>TOTAL</b>	<b>13 020</b>		<b>994</b>	<b>457</b>	<b>240</b>	<b>1 672</b>		<b>49 604</b>

Concentrates		Misc.	Crude	Molasses	Raw	Timber	Cattle	Nickel	Rock	Total
Copper	Zinc	Ore	Lead		Sugar				Phosphate	
...	...	...	...	...	...	...	...	...	...	24
...	...	...	...	...	...	...	...	...	...	450
...	...	...	...	2 280	...	...	...	...	...	2 286
...	...	...	...	...	...	50	...	...	...	4 763
...	...	...	...	...	...	...	...	...	...	75
...	...	...	...	...	...	...	...	...	...	3 088
				<b>2 280</b>		<b>50</b>				<b>10 686</b>
...	...	...	...	...	...	...	...	...	...	2 646
...	...	...	...	...	...	...	...	...	...	30 764
...	...	...	...	9 897	...	106	...	...	...	24 594
				<b>9 897</b>		<b>106</b>				<b>58 004</b>
...	...	...	...	<b>7 071</b>	...	<b>59</b>	...	...	...	<b>23 380</b>
...	...	...	...	...	...	...	...	...	...	32
...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	63
...	...	...	...	...	...	...	...	...	...	87
...	...	...	...	...	...	...	...	...	...	32
...	70 386	...	...	...	...	...	...	...	...	70 386
	<b>70 386</b>									<b>70 606</b>
...	...	...	...	...	<b>394</b>	<b>11</b>	...	...	...	<b>1 111</b>
...	...	...	...	...	<b>7 594</b>	...	...	...	...	<b>8 404</b>
...	<b>70 386</b>			<b>16 968</b>	<b>7 988</b>	<b>176</b>				<b>161 505</b>

# EXPORTS Overseas TONNES

PORT	General	Oil	Steel	Meat	Hides	Tallow	By Products	Refined Copper
AMERICA								
Canaveral	...	...	...	4	...	...	...	...
Boston	...	...	...	24	...	...	...	...
Charleston	...	...	...	155	...	...	...	...
New York	...	...	...	2 157	...	...	...	...
Norfolk	...	...	...	182	...	...	...	...
Philadelphia	...	...	...	871	...	...	...	...
Savannah	...	...	...	...	...	...	...	...
Tampa	...	...	...	588	...	...	...	...
Ports Optional	...	...	...	...	...	...	...	...
Wilmington	...	...	...	333	...	...	...	...
<b>SUB-TOTAL</b>				<b>4 314</b>				
BANGLADESH								
Chittagong	...	...	...	...	...	<b>431</b>	...	...
BELGIUM								
Antwerp	...	...	...	...	...	...	...	<b>1 607</b>
CANADA								
Montreal	...	...	...	32	...	...	...	...
St. John	...	...	...	...	...	...	...	...
Vancouver	...	...	...	...	...	...	...	...
<b>SUB-TOTAL</b>				<b>32</b>				
CHINA								
Whampoa	404	...	...	...	...	...	...	...
Keelong	...	...	...	...	...	...	...	...
<b>SUB-TOTAL</b>	<b>404</b>							
DENMARK								
Copenhagen	...	...	...	...	<b>17</b>	...	...	...
FINLAND								
Eitrehelm	...	...	...	...	...	...	...	...
Helsinki	...	...	...	...	232	...	...	...
<b>SUB-TOTAL</b>					<b>232</b>			
FRANCE								
Dunkirk	...	...	...	24	...	159	...	11 204
Le Havre	...	...	...	...	...	...	...	1 003
<b>SUB-TOTAL</b>				<b>24</b>		<b>159</b>		<b>12 207</b>
GERMANY								
Bremen	...	...	...	...	...	...	...	...
Hamburg	2	...	...	72	1 744	...	...	6 452
<b>SUB-TOTAL</b>	<b>2</b>			<b>72</b>	<b>1 744</b>			<b>6 452</b>
HONG KONG								
Hong Kong	<b>149</b>	...	...	...	...	...	...	...
INDONESIA								
Amamapare	944	...	111	122	...	...	...	...
Jakarta	47	...	...	...	...	...	...	...
<b>SUB-TOTAL</b>	<b>991</b>		<b>111</b>	<b>122</b>				
JAPAN								
Akita	...	...	...	...	...	...	...	...
Fujuhama	2 398	...	...	...	...	...	...	...
Hickashima	...	...	...	...	...	...	...	...
Isurga	...	...	...	...	...	...	...	...
Kawasaki	...	...	...	...	...	...	...	10 407
Miiki	...	...	...	...	...	...	...	...
Muroran	2 786	...	...	...	...	...	...	...
Niihama	...	...	...	...	...	...	...	...
Onahamo	...	...	...	...	...	...	...	...
Tokyo	6 799	...	...	367	...	...	...	...
Tsuruga	...	...	...	...	...	...	...	...
Wakamatsu	2 800	...	...	...	...	...	...	...
Yokohama	...	...	...	...	...	763	...	...
<b>SUB-TOTAL</b>	<b>14 783</b>			<b>367</b>		<b>763</b>		<b>10 407</b>

Concentrates Copper	Zinc	Misc. Ore	Crude Lead	Molasses	Raw Sugar	Timber	Cattle	Nickel	Rock Phosphate	Total
...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	24
...	...	...	...	...	...	...	...	...	...	155
...	...	...	...	...	112 578	...	...	...	...	114 735
...	...	...	...	...	...	...	...	...	...	182
...	...	...	...	...	...	...	...	...	...	871
...	...	...	...	...	76 398	...	...	...	...	76 398
...	...	...	...	...	...	...	...	...	...	588
...	...	...	...	63 127	59 449	...	...	...	...	122 576
...	...	...	...	...	...	...	...	...	...	333
<b>63 127</b>				<b>248 425</b>						<b>315 866</b>
										<b>431</b>
<b>17 974</b>				...	...	...	...	...	...	<b>19 581</b>
...	...	...	...	...	15 750	...	...	...	...	15 782
...	...	...	...	...	152 132	...	...	...	...	152 132
...	...	...	...	...	20 127	...	...	...	...	20 127
				<b>188 009</b>						<b>188 041</b>
...	...	...	...	...	11 550	...	...	...	...	404
...	...	...	...	...	<b>11 550</b>					<b>11 550</b>
				<b>11 550</b>						<b>11 954</b>
										<b>17</b>
<b>13 630</b>				...	...	...	...	...	...	<b>13 630</b>
...	...	...	...	...	...	...	...	...	...	232
<b>13 630</b>										<b>13 862</b>
...	...	...	...	...	...	...	...	...	...	11 387
...	...	...	...	...	...	...	...	125	...	1 128
				<b>125</b>						<b>12 515</b>
...	...	5	...	...	...	...	...	...	...	5
...	...	7	...	...	...	...	...	...	...	8 277
				<b>12</b>						<b>8 282</b>
...	...	...	...	...	...	...	1 081	...	...	<b>1 230</b>
...	...	...	...	...	...	31	...	...	...	1 208
...	...	...	...	...	...	...	50	...	...	97
				<b>31</b>	<b>50</b>					<b>1 305</b>
...	32 664	...	...	...	...	...	...	...	...	32 664
...	...	...	...	...	...	...	...	...	...	2 398
...	13 714	...	...	...	...	...	...	...	...	13 714
...	12 680	...	...	...	...	...	...	...	...	12 680
...	...	...	...	...	...	...	...	781	...	11 188
...	49 068	...	...	...	...	...	...	...	...	49 068
...	...	...	...	...	...	...	...	...	...	2 786
...	10 931	...	...	...	...	...	...	...	...	10 931
26 721	...	...	...	...	...	...	...	...	...	26 721
...	...	...	...	10 966	32 836	...	...	...	...	50 968
...	10 999	...	...	...	...	...	...	...	...	10 999
...	...	...	...	...	...	...	...	...	...	2 800
...	...	...	...	...	...	...	...	...	...	763
<b>26 721</b>	<b>130 056</b>			<b>10 966</b>	<b>32 836</b>			<b>781</b>		<b>227 680</b>

# EXPORTS Overseas TONNES

PORT	General	Oil	Steel	Meat	Hides	Tallow	By Products	Refined Copper
KENYA Mombassa	...	...	...	...	...	3 971	...	...
KOREA Busan	...	...	...	...	...	...	...	...
Changhang	...	...	...	...	...	...	...	...
Inchon	...	...	...	...	...	...	...	...
Ulsan	...	...	...	...	...	...	...	...
<b>SUB-TOTAL</b>								
MALAYSIA Prai	...	...	...	...	...	...	...	...
Port Kelang	...	...	...	...	...	...	...	...
<b>SUB-TOTAL</b>								
NETHERLANDS Rotterdam	...	...	...	...	58	89	...	34 611
Vlissingen-Oost	1	...	...	...	...	108	...	2 404
<b>SUB-TOTAL</b>	1				58	197		37 015
NIUGINI Port Moresby	811	...	...	...	...	...	...	...
Samarai	63	...	881	...	...	...	...	...
<b>SUB-TOTAL</b>	874		881					
NEW ZEALAND Auckland	...	...	...	...	...	...	...	980
NORWAY Oslo	...	...	...	24	223	...	...	864
PHILLIPPINES Manila	...	...	...	354	...	...	1 547	...
Sangi	...	...	...	...	...	...	...	...
<b>SUB-TOTAL</b>				354			1 547	
RUSSIA Ports Optional	...	...	...	2 318	...	...	...	...
SWEDEN Gothenburg	5	...	...	1 771	190	...	...	907
UNITED KINGDOM London	163	...	...	143	159	...	...	21 067
<b>TOTAL</b>	17 372		992	9 541	2 623	5 521	1 547	91 506
<b>SUMMATION</b>								
<b>INTRASTATE</b>	7 760	580	16	...	...	...	...	...
<b>INTERSTATE</b>	13 020	...	994	457	240	1 672	...	49 604
<b>OVERSEA</b>	17 372	...	992	9 541	2 623	5 521	1 547	91 506
<b>TOTAL</b>	38 152	580	2 002	9 998	2 863	7 193	1 547	141 110

Concentrates Copper	Zinc	Misc. Ore	Crude Lead	Molasses	Raw Sugar	Timber	Cattle	Nickel	Rock Phosphate	Total
...	...	...	...	...	...	...	...	...	...	3 971
5 357	...	...	...	...	7 756	...	...	...	...	7 756
...	...	...	...	...	...	...	...	...	...	5 357
...	...	...	...	...	...	...	...	...	6 602	6 602
...	...	...	...	...	5 586	...	...	...	...	5 586
<b>5 357</b>					<b>13 342</b>				<b>6 602</b>	<b>25 301</b>
...	...	...	...	...	15 257	...	...	...	...	15 257
...	...	...	...	...	8 297	...	615	...	...	8 912
					<b>23 554</b>		<b>615</b>			<b>24 169</b>
...	5 997	...	...	...	...	...	...	83	...	40 838
...	...	...	...	...	...	...	...	1 377	...	3 890
<b>5 997</b>							<b>1 460</b>			<b>44 728</b>
...	...	...	...	...	...	...	...	...	...	811
...	...	...	...	...	...	...	...	...	...	944
										<b>1 755</b>
...	...	...	...	...	<b>1 525</b>	...	...	...	...	<b>2 505</b>
...	...	...	...	...	...	...	...	...	...	<b>1 111</b>
...	...	...	...	...	...	...	...	...	...	1 901
...	...	...	...	...	...	...	...	...	...	11 069
										<b>11 069</b>
										<b>12 970</b>
...	...	...	...	...	...	...	...	...	...	<b>2 318</b>
...	...	...	...	...	...	...	...	<b>471</b>	...	<b>3 344</b>
...	...	...	...	<b>126 807</b>	...	...	...	...	<b>296</b>	...
<b>32 078</b>	<b>167 657</b>	<b>12</b>	<b>126 807</b>	<b>75 618</b>	<b>517 716</b>	<b>31</b>	<b>1 746</b>	<b>3 133</b>	<b>17 671</b>	<b>1 071 571</b>
...	...	...	...	2 280	...	50	...	...	...	10 686
...	70 386	...	...	16 968	7 988	176	...	...	...	161 505
<b>32 078</b>	<b>167 657</b>	<b>12</b>	<b>126 807</b>	<b>75 618</b>	<b>517 716</b>	<b>31</b>	<b>1 746</b>	<b>3 133</b>	<b>17 671</b>	<b>1 071 571</b>
<b>32 078</b>	<b>238 043</b>	<b>12</b>	<b>126 807</b>	<b>94 866</b>	<b>525 704</b>	<b>257</b>	<b>1 746</b>	<b>3 133</b>	<b>17 671</b>	<b>1 243 762</b>

# IMPORTS TONNES

	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
<b>General</b>	<b>44 417</b>	<b>46 737</b>	<b>40 617</b>	<b>45 826</b>	<b>58 298</b>	<b>53 367</b>	<b>72 824</b>	<b>84 835</b>	<b>117 481</b>	<b>94 253</b>
<b>Oil</b>										
General Purpose	238 483	255 268	259 642	284 810	325 386	339 652	364 610	420 169	497 629	656 356
Bitumen										
Feedstock	13 955	12 525	15 721	21 533	12 850	13 327	20 738	20 598	15 590	23 219
Liquid Gas	5 164	5 880	5 447	4 936	6 300	8 435	7 099	8 311	8 362	9 047
	<b>257 602</b>	<b>273 673</b>	<b>280 810</b>	<b>311 279</b>	<b>344 536</b>	<b>361 414</b>	<b>392 447</b>	<b>449 078</b>	<b>521 581</b>	<b>688 622</b>
<b>Coal &amp; Coke</b>	...	...	...	<b>3 779</b>	<b>15 508</b>	<b>7 293</b>	...	<b>3 109</b>	<b>4 816</b>	<b>9 663</b>
<b>Fertilizer</b>										
Bulk	8 499	19 199	9 319	8 750	...	3 498	5 406	8 763	5 822	3 036
Bagged	3 264	3 056	5 250	8 387	...	51	715	279	45	...
Liquid	11 004	12 479	10 383	10 255	10 538	9 956	13 778	18 017	23 723	21 844
	<b>22 767</b>	<b>34 734</b>	<b>24 952</b>	<b>27 392</b>	<b>10 538</b>	<b>13 505</b>	<b>19 899</b>	<b>27 059</b>	<b>29 590</b>	<b>24 880</b>
<b>Iron and Steel</b>	<b>32 316</b>	<b>41 151</b>	<b>34 696</b>	<b>33 671</b>	<b>52 212</b>	<b>49 559</b>	<b>23 624</b>	<b>23 037</b>	<b>41 903</b>	<b>27 904</b>
<b>Meat</b>	...	...	...	...	...	...	...	<b>43</b>	<b>20</b>	<b>223</b>
<b>Minerals</b>										
Copper Blister	...	...	<b>4 590</b>	...	...	...	...	...	...	...
<b>Timber</b>	<b>1 516</b>	<b>1 857</b>	<b>664</b>	<b>855</b>	<b>1 397</b>	<b>565</b>	<b>356</b>	<b>1 547</b>	<b>8 480</b>	<b>1 555</b>
Plywood	14	...	...	...	...	...	...	...	...	...
Cattle	(1 032 Head)	(269 Head)	(198 Head)	(744 Head)	(744 Head)	(744 Head)	(348 Head)	(348 Head)	(664 Head)	(664 Head)
Gypsum	524	137	...	100	378	...	378	174	332	...
	...	...	...	...	...	...	...	12 050	10 454	10 135
<b>TOTAL</b>	<b>359 156</b>	<b>398 289</b>	<b>386 329</b>	<b>422 902</b>	<b>482 867</b>	<b>485 703</b>	<b>509 571</b>	<b>600 909</b>	<b>734 860</b>	<b>857 194</b>

**TONNAGE SUMMARY : IMPORT 857 194 TONNES**

# EXPORTS TONNES

	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
<b>General</b>	<b>8 982</b>	<b>8 612</b>	<b>18 536</b>	<b>12 736</b>	<b>13 200</b>	<b>15 134</b>	<b>18 792</b>	<b>21 523</b>	<b>16 971</b>	<b>38 152</b>
<b>Oil</b>	<b>2 267</b>	<b>1 306</b>	<b>2 047</b>	<b>489</b>	<b>6 061</b>	<b>1 488</b>	<b>1 147</b>	<b>3 922</b>	<b>385</b>	<b>580</b>
<b>Steel</b>	...	...	...	...	...	103	843	31	30	2 002
<b>Meat and Associated Products</b>										
Frozen	18 090	22 804	31 044	33 373	27 856	27 089	30 406	26 867	11 301	9 998
Canned	1 220	98	...	...	...	...	...	...	...	...
Tallow	2 349	4 887	7 142	6 748	5 463	5 519	9 328	6 838	6 493	7 193
Hides	4 726	4 919	6 195	5 191	4 290	4 231	4 447	5 321	4 336	2 863
By Products	1 073	3 261	5 083	4 310	3 217	4 616	6 743	8 548	7 427	1 547
	<b>27 458</b>	<b>35 969</b>	<b>49 464</b>	<b>49 622</b>	<b>40 826</b>	<b>41 455</b>	<b>50 924</b>	<b>47 574</b>	<b>29 557</b>	<b>21 601</b>
<b>Minerals</b>										
Refined Copper Concentrates—	74 300	48 630	54 911	67 359	83 398	87 165	116 279	115 641	124 122	141 110
Copper Concentrates—	1 444	...	...	...	...	21 788	22 182	21 707	21 226	32 078
Zinc	77 467	82 833	85 042	163 356	180 790	188 786	165 349	234 430	249 935	238 043
Dross	3 812	3 725	4 324	2 594	7 115	3 049	1 295	2 817	1 682	...
Crude Lead	64 343	59 945	87 274	112 675	150 437	141 159	113 222	120 151	120 700	126 807
Ore	337	343	89	234	14 436	2 088	144	534	200	12
Nickel	...	...	...	...	...	...	...	...	...	3 133
Rock Phosphates	...	...	...	...	...	...	...	...	...	17 671
	<b>221 703</b>	<b>195 476</b>	<b>231 640</b>	<b>346 718</b>	<b>436 176</b>	<b>444 035</b>	<b>418 471</b>	<b>495 280</b>	<b>517 865</b>	<b>558 854</b>
<b>Molasses</b>	<b>72 863</b>	<b>52 715</b>	<b>56 139</b>	<b>59 007</b>	<b>66 315</b>	<b>63 434</b>	<b>81 695</b>	<b>62 419</b>	<b>89 963</b>	<b>94 866</b>
<b>Sugar</b>										
Bulk	307 280	348 241	331 206	405 391	380 161	371 939	461 956	362 743	484 889	525 704
Bagged	7 421	12 898	28 910	22 860	...	...	...	...	...	...
	<b>314 701</b>	<b>361 139</b>	<b>360 116</b>	<b>428 251</b>	<b>380 161</b>	<b>371 939</b>	<b>461 956</b>	<b>362 743</b>	<b>484 889</b>	<b>525 704</b>
<b>Timber</b>	<b>839</b>	<b>308</b>	<b>563</b>	<b>539</b>	<b>737</b>	<b>1 653</b>	<b>749</b>	<b>809</b>	<b>833</b>	<b>257</b>
<b>Veneer</b>	<b>129</b>	<b>58</b>	<b>61</b>	<b>25</b>	<b>115</b>	<b>332</b>	<b>210</b>	<b>208</b>	<b>129</b>	<b>Nil</b>
<b>Wool</b>	(392 Bales)	(216 Bales)	(485 Bales)	(128 Bales)	(203 Bales)	(290 Bales)				
<b>Cattle</b>	67	36	81	14	34	158	241	1,054	...	(3662 Head)
	(3 020 Head)	(1 076 Head)	(322 Head)	(340 Head)	(430 Head)	(400 Head)				1 746
<b>Crushed Metal</b>	1 534	548	164	173	218	203	28 006	40 390	...	...
<b>TOTAL</b>	<b>650 543</b>	<b>656 167</b>	<b>718 811</b>	<b>897 574</b>	<b>943 843</b>	<b>967 782</b>	<b>1 075 335</b>	<b>994 750</b>	<b>1 141 676</b>	<b>1 243 762</b>

EXPORT 1 243 762 TONNES

TOTAL CARGO THROUGHPUT 2 100 956 TONNES

# SHIPPING INFORMATION

	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
NO. OF VESSELS	391	408	390	419	522	448	455	420	471	408
GROSS TONNAGE	1 986 883	2 132 067	2 367 611	2 410 261	2 517 174	2 417 361	2 727 068	2 632 532	2 880 287	2 851 070

## CARGO RECORDS

IMPORTS 11-9-1974 "ZARIA" discharged 44,109 Tonnes of Bulk Oil.

EXPORTS 19-8-1970 "MANDARIN" sailed with 33,078 Tonnes of Raw Sugar.

DEEPEST DRAFT VESSEL TO DATE — m.v. "ZARIA" 11.65 m loaded with Bulk Oil 11-9-1974.

Longest Vessel — Texaco Greenwich — 232.19m. *27,824 DWT TONS.*

Highest DWT Tonnage — M.V. "Zaria" 39530 tons.



The busy Port of Townsville works 24 hours a day, 7 days a week.

# HARBOUR BOARD DISTRICT

The Harbour Board District, from which Board Members are elected, embraces the rich agricultural Burdekin River delta and extensive pastoral and minerals areas in Western

Queensland through to the Northern Territory border. Cities and Shires within this district cover an area of 392,219 km<sup>2</sup> (151,436 square miles) — about six times the size of Tasmania.

