

TOWNSVILLE HARBOUR BOARD



ANNUAL FINANCIAL REPORT
AND CARGO STATISTICS
1985-1986

Board Members

1985-1986

J.P. DEFRANCISCIS, Chairman (Shire of Burdekin)
J.R. CASAS, Deputy Chairman (Queensland Government)
R.R. BATHGATE, (Queensland Government)
J.E. BEACH, (Shires of Flinders, McKinlay and Richmond)
P.A. BLACK, (Shire of Dalrymple, and City of Thuringowa)
G.G. ENGLER, (City of Charters Towers)
M.D. HOOPER, (Queensland Government)
A. McGRADY, (City of Mount Isa)
A.J. MOONEY, (City of Townsville)
A.A. TICEHURST, (Shires of Cloncurry, Winton and Boulia)
N.K. WILSON, (City of Townsville)

Senior Officers

I.G. MALPAS, B. Com., M.C.I.T.
(Chief Executive Officer)
W.S. SERVICE, B.E. (C. Eng.), M.I.C.E., M.N.Z.I.E., M.C.I.T.
(Engineer)
R.E. KENNY, B.A., M.C.I.T.
(Secretary)
J.A. SHERRIFF, B.Com., A.A.S.A., C.P.A.
(Accountant)



The Minister for Water Resources and Maritime Services the Honourable M.J. Tenni, MLA, and Board Chairman Mr. J.P. Defranciscis inspect innovative slung meat shipments bound for the U.S.A.

Chairman's Review



J.P. DEFRANCISCIS
(Chairman)

Trade through the Port of Townsville was a satisfactory 4 per cent over budget projections for the year. In spite of the general downturn in the economy, the Port achieved a total throughput in 1985/1986 of 2 284 490 tonnes; comprising exports of 1 585 955 tonnes and imports of 698 535 tonnes. Slightly less than the 2 360 759 tonnes

throughput in 1984/1985 but nevertheless higher than the throughput tonnages achieved in the period from 1981 to 1984.

During 1985/1986 the Port of Townsville established some new trade records, viz:—

Item	Tonnes	Previous Record
Zinc Concentrates	437 905	421 183
Lead (Ingots & Concentrates)	227 605	226 353
Copper Concentrates	85 189	56 968
Nickel Ore Import	30 325	—

At the same time, Refined Copper exports of 69 187 tonnes were the lowest since 1968/1969. These exports have steadily declined since the loss to Townsville of the ANL Coastal Shipping Service in October 1984.

During 1985/1986 264 cargo vessels with a GRT of 4 271 559 tonnes entered the Port of Townsville. Also, the Port hosted 22 naval vessels. Another 68 vessels called at Townsville for bunkers and miscellaneous reasons. The average berth time for ships during 1986 was 33.86 hours. This compares with 35.51 hours in 1984/1985.

During 1986 the Board completed the removal of Magazine Hill and the construction of a new eastern breakwater off Benwell Road. At 30th June, 1986 expenditure on this project totalled \$1 080 016.

The new breakwater encloses an area of 105 hectares. The bunded lands can be filled as required to provide valuable back up land, close to the main Port area, for future industries.

In November, 1985 the Board held a Port Planning Seminar for the express purpose of obtaining the views of its major Port users on where they thought the Port of Townsville should be headed as we look to the 21st Century. Some 90 participants including local government representatives and Townsville Harbour Board members divided into five syndicates to discuss Trade, Priorities of Port Development, The Port in Twenty Years, and Small Craft. The Seminar Proceedings Report was then dealt with at length by the Board. Generally speaking, major Port users were well pleased with the way in which the Port of Townsville operates, and recommendations of the syndicates have been

acted upon. For example, the Board will seek \$200 000 in its 1986/1987 loan fund programme to finance berthing facilities for charter boats and commercial fishing vessels, provided that the users meet the interest and redemption payments. And, the potential for trade in the South East Asian region has been the subject of concerted investigation by a multi-interest committee chaired by the Board's Chief Executive Officer. The Committee has received significant support from officers of the Premier's Department, Department of Industry Development and the office of the Minister for Northern Development.

During 1985/1986 negotiations continued with Queensland Nickel to import more than 3 million tonnes of nickel ore through the Port of Townsville by the 1990's. The ore would be processed at the Company's Yabulu plant. Eventually the plant will be completely dependent on imported ore as the ore body at Greenvale is being quickly depleted.

Whilst the Board considers the import of nickel ore through the Port of Townsville is the only practical alternative, Queensland Nickel has nevertheless commissioned a study to assess the feasibility of importing ore through a conveyor system constructed in Halifax Bay.

At this time, the Board anticipates a decision on whether nickel ore will be imported through the Port of Townsville to be given in December 1986.

Throughout the year the Board maintained its membership of the Queensland Harbour Boards' Association, Association of Australian Port and Marine Authorities, and International Cargo Handling & Co-Ordination Association. Also, the Board has continued to participate in the South Pacific Ports Association. To this end, the Board has offered to provide on the job training for South Pacific Ports Association member ports. The Board takes the view that the Port of Townsville and its city have a lot to offer the people of the Southern Pacific region.

The average attendance at the Board and Committee meetings was 90 per cent during the year. Bearing in mind that the Board's District stretches from Townsville to the Northern Territory border (and is about six times the size of Tasmania) many members have to travel long distances, often in adverse conditions.

The year's success has been due to the efforts and co-operation of the Board's members and staff and the many Port users.



J.P. DEFRANCISCIS,
CHAIRMAN

Port Operation

The Townsville Harbour Board's major cargo handling facilities are available at its nine outer harbour berths. All berths are accessible by road, and they are also serviced by rail. Facilities available at each berth are listed below. Further information is included in the Board's Port Information Booklet which is available on request.

- No. 1 Berth** is isolated and used exclusively by tankers for bulk oil and gas discharge and by all types of vessels for bunkering.
- No. 2 Berth** general purpose berth.
- No. 3 Berth** has a container crane — capacity 55.9 tonnes; extendable spreader to suit all sizes of containers; a grab of 7.6m³ capacity; a heavy lift hook. A landing pad at the berth allows simultaneous use of the container crane and stern angle ramp roll-on roll-off traffic.
- No. 4 Berth** has a landing pad for stern angle roll-on roll-off vessels. (Plans are in hand to reconstruct this berth for bulk liquid cargoes and light general cargo).

- No. 6 Berth** is a general purpose berth with oil bunker and bulk molasses loading pipelines.
- No. 7 Berth** has a conveyor ship loader for mineral concentrates and molasses pipeline; rate 1 000 tonnes per hour.
- No. 8 Berth** is a general purpose berth, freezer stores at this berth.
- No. 9 Berth** has a conveyor ship loader for raw sugar; rate 1 500 tonnes per hour.
- No. 10 Berth** has a stern ramp for roll-on roll-off traffic; 25.4 tonne, 32 metre radius travelling jib crane for container and unit load handling.

In addition to the static cargo handling facilities the stevedoring company provides a variety of mobile units to handle any load that can be supported by the wharves.

The Ross Creek Boat Harbour provides mooring and other facilities for pleasure craft, charter craft and ferries. Approximately 220 vessels now moor in this boat harbour.

The Ross River Boat Harbour provides moorings for approximately 80 fishing boats and 65 pleasure craft.



The Ross River Boat Harbour showing Fisherman's Marina with moorings for fishing boats and pleasure craft. The complex also provides for repairs and service to small craft with vessels on hardstand adjacent to engineering workshop.

Support for Tourism Development

Throughout 1986 the Board continued its policy of supporting tourism development in the Townsville region. Two major projects — the Sheraton Breakwater Hotel-Casino and Reef Wonderland (a re-creation of aspects of the Great Barrier Reef) — are both sited on lands made available to the developers by the Board.

The Hotel-Casino opened mid-year and Reef Wonderland is scheduled to open in June 1987. Also, late in 1986, the Breakwater Marina, adjacent to the Sheraton Hotel-Casino, will be opened. Initially berths for 150 vessels will be installed. The Breakwater Marina has capacity for up to 700 small craft.

During 1985/1986 the Board took a number of initiatives which will bear on the tourism industry in the long term, for example:—

- The relocation of Hayles Magnetic Island Pty

Limited's passenger terminal from Flinders Street to the Western Breakwater. Work on site will commence early in 1987.

- The granting of a lease to Hayles Magnetic Island Pty Limited of the area below High Water Mark occupied by the Company's Arcadia passenger jetty and cargo barge landing area.
- Support for the local charter boat industry by applying for loan funds to construct new berthing facilities in Ross Creek. Work is expected to begin in late 1986.
- Remedial works at the former Port Control Building to convert the building to the Maritime Museum of Townsville.
- Construction of a new shelter shed on the Picnic Bay Jetty for the benefit of passengers using Hayles' ferries.

Trade of the Port

Trade through the Port of Townsville has remained fairly stable over the last three (3) years and continues to average between 2.1m and 2.2m tonnes annually.

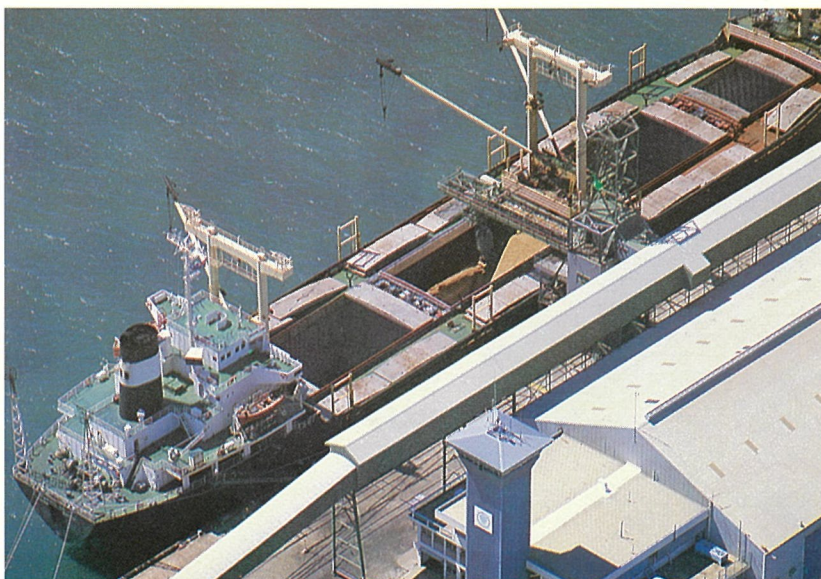
The following table shows trade for the year by cargo class:—

Non Bulk	Tonnes	Total % of Trade
Containerised	26 659	1.17
Non-Containerised	273 313	11.96
Empty Containers	2 723	.12
Bulk		
Liquid	757 088	33.14
Dry	1 224 707	53.61
	<u>2 284 490</u>	<u>100.00</u>

The gross tonnage range for cargo vessels for the year was:—

Gross Registered Tonnage (GRT)	Number of Vessels
< 1 000	1
> 1 000 < 10 000	89
> 10 000 < 20 000	92
> 20 000 < 30 000	61
> 30 000 < 45 000	19
> 45 000 < 55 000	2
	<u>264</u>

Dry bulk provides 53.61% of total trade at the Port. Sugar loading at No. 9 berth at the rate of 1,500 tonnes per hour.



TOWNSVILLE HARBOUR BOARD

BALANCE SHEET

As at 30th June, 1985		
\$	\$	\$
	18,612,457	
175,000		
104,994		
—		
94,873	374,867	
		<u>\$18,987,324</u>
(11,715)		
2,799,466		
78,870		
1,831,284		
794	4,698,699	
612,536		
1,782	614,318	
		4,084,381
	9,680,850	
	9,888,761	
	1,311,565	
	—	
	202,904	
	1,121,058	
	258,137	
	103,085	
	70,366	
	2,873	
	186,415	
	18,043	
	7,289	
	48,533	
	6,742,962	
	2,427	
	<u>1,984,520</u>	
		31,629,788
		<u>916,000</u>
		36,630,169
	1,017,517	
	3,362,915	
	13,262,413	<u>17,642,845</u>
		<u>\$18,987,324</u>

As at 30th June, 1986		
\$	\$	\$
	19,816,197	
ACCUMULATED FUNDS		
Reserves		
Long Service Leave Payments Fund	200,000	
Asset Replacement & Improvement Fund	159,519	
Special Loan Redemption Fund	500,000	
Maintenance Fund	<u>122,264</u>	<u>981,783</u>
Total		<u>\$20,797,980</u>
REPRESENTED BY		
Current Assets & Investments		
Cash at Bank and on Hand	240,663	
Term Deposits, S.T.M.M., Commercial Bills	2,770,000	
Stores	102,600	
Debtors	1,263,970	
Prepayments	<u>751</u>	<u>4,377,984</u>
Deduct Current Liabilities		
Sundry Creditors	108,823	
Contract Deposits	<u>136,123</u>	<u>244,946</u>
Working Capital		4,133,038
Fixed Assets		
Wharves	9,725,472	
Less Redemption Reserve	<u>1,272,057</u>	<u>8,453,415</u>
Lands and Tenanted Buildings	38,769,467	
Less Redemption Reserve and Advances	<u>28,951,834</u>	<u>9,817,633</u>
Small Boat Harbours and Facilities	2,556,983	
Less Redemption Reserve and Advances	<u>1,307,399</u>	<u>1,249,584</u>
Major Plant — Crane	1,459,081	
Less Redemption Reserve	<u>1,459,081</u>	
Dredging Plant		169,358
Workshops		1,110,814
Miscellaneous Plant		249,666
Electrical Distribution		94,085
Wharf Supervision		69,197
Stores Facilities		2,730
Administration		156,027
Engineering		29,002
Fire Services		6,212
Access Roads		43,476
Channels & Swing Basins		6,741,877
Parks, Gardens, Cleaning		2,092
Work in Progress		<u>2,657,122</u>
TOTAL FIXED ASSETS		30,852,290
Intangible Assets		
Relocate Molasses Terminal		<u>687,000</u>
TOTAL ASSETS		35,672,328
Deduct Long Term Liabilities		
Special Advances	1,272,057	
Less Redemption	<u>1,272,057</u>	
Advance on Rental		2,813,163
Loans		
General		<u>12,061,185</u>
ACCUMULATED FUNDS		<u>\$20,797,980</u>

RECEIPTS AND DISBURSEMENTS

STATEMENT FOR THE YEAR ENDED 30TH JUNE

\$	1985	\$
		408,218
4,180,162		
1,054,717		
35,359		
361,404		
10,718		
31,652		
100,972		
386,633		
652,195		
365,919	7,179,731	
	7,587,949	
658,014		
680,669		
316,647		
83,302		
132,763		
145,706		
239,815		
1,686,123		
1,636,492		
1,104,550		
127,095	6,811,176	
	<u>\$776,773</u>	
		377,458
30,000		
10,395	40,395	
160,000		
24,011	184,011	
—		
2,605	2,605	
61,168		
9,242	70,410	
	674,879	
160,000		
9,011	169,011	
	81,508	
	55,417	
	<u>\$368,943</u>	

HARBOUR FUND

Balance 1st July

Receipts

Harbour Dues	
Tonnage Rates	
Channel Development Charge	
Rents	
Rental in Advance	
Plant Hire	
Water & Electricity Charge	
Interest on Investments	
Other Operating Receipts	
Capital Receipts	

3,934,571
1,157,802
24,888
485,437
—
23,831
159,093
461,815
522,502
588,273

Sub-Total

776,773

7,358,212

8,134,985

Payments

Administration	
Dredging	
Wharves Maintenance	
Lands & Tenancies	
Plant Hire	
Wharf Supervision	
Water & Electrical Services	
Interest	
Other Operating Costs	
Loan Commitments	
Capital Expenditure	

744,412
395,710
452,904
199,267
140,364
144,233
205,815
1,659,930
1,366,263
1,416,081
220,076

6,945,055

Balance 30th June

\$1,189,930**CONSOLIDATED ACCOUNT**

(Asset Replacement & Improvement Fund, Long Service Leave Payments Fund, Special Loan Redemption Fund and Maintenance Fund)

Balance 1st July

368,943

Receipts**Asset Replacement & Improvement Fund**

From Harbour Fund	
Interest on Investments	

30,000
24,525

54,525

Long Service Leave Payments Fund

Repayment Advance to Harbour Fund	
Increase L.S.L. Liability	

175,000
38,383

213,383

Special Loan Redemption Fund

From Harbour Fund	
Interest on Investments	

500,000
—

500,000

Maintenance Fund

Picnic Bay Jetty	
Interest on Investments	

60,283
19,574

79,857

Sub-Total

1,216,708

Payments**Long Service Leave Payments Fund**

Advance to Harbour Fund	
Long Service Leave for Year	

175,000
13,383

188,383

Special Loan Redemption Fund

To Harbour Fund	
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—

Maintenance Fund

Picnic Bay Jetty	
------------------------	--

53,200

Balance 30th June

\$975,125

RECEIPTS & DISBURSEMENTS (Cont.)

STATEMENT FOR THE YEAR ENDED 30TH JUNE

CONSOLIDATED ACCOUNT (Continued)

\$	1985	\$
104,994		
175,000		
—		
88,949		
<u>\$368,943</u>		
	2,225,567	
1,000,000		
300,418		
—		
	<u>1,300,418</u>	
	3,525,985	
6,103		
100,000		
246,251		
377,782		
855,478		
300,418		
—		
	<u>1,886,032</u>	
	<u>\$1,639,953</u>	

Balance by fund at 30th June

Asset Replacement & Improvement Fund	159,519
Long Service Leave Payments Fund	200,000
Special Loan Redemption Fund	500,000
Maintenance Fund	115,606
	<u>\$975,125</u>

LOAN FUND

Balance 1st July	1,639,953
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Receipts

Debenture Loans	—
Interest	169,895
Conversion & Renegotiation of Existing Loans	331,031
	<u>500,926</u>
	2,140,879

Payments

Improvements Ross River Small Boat Harbour	—
Platypus Channel Dredging	—
Dump Barges and Workboat	34,224
Reconstruction No. 4 Berth	20,007
Removal Magazine Hill and Reclamation	
Eastern Breakwater	876,638
Transfer of Interest to Harbour Fund	169,894
Conversion and Renegotiation of Loans	331,031
	<u>1,431,794</u>
Balance 30th June	<u>\$709,085</u>

SOURCE AND APPLICATION OF FUNDS

YEAR ENDED 30TH JUNE

1985
\$
1,262,240
741,109
329,114
303,259
—
—
<u>\$2,635,722</u>
1,268,883
413,689
953,150
—
<u>\$2,635,722</u>

Source

Transfer from Profit & Loss Appropriation	1,758,265
Add Back Depreciation	722,920
Increase in Current Liabilities	—
Reimbursement of Bulk Sugar Terminal Expenditure	580,449
Reimbursement of Q.F.M.A. Expenditure	1,307,399
Decrease in Liquid & Current Assets	320,716
	<u>\$4,689,749</u>

Application

Increase in Liquid & Current Assets	—
Increase in Fixed Assets	2,621,787
Decrease in Long Term Liabilities	1,698,590
Decrease in Current Liabilities	369,372
	<u>\$4,689,749</u>

IMPORTS Australia TONNES

PORT	General Purpose Oil	Yabulu Oil	General	Fertilizer	Nickel Ore	Gypsum	Total
INTRASTATE							
QUEENSLAND							
Palms Area	...	...	36	...	...	...	36
Brisbane	203 510	...	523	...	...	...	204 033
TOTAL INTRASTATE	203 510	...	559	...	...	...	204 069
INTERSTATE							
NEW SOUTH WALES							
Newcastle	...	...	...	12 496	...	...	12 496
Sydney	63 818	...	842	...	...	...	64 660
SUB-TOTAL	63 818	...	842	12 496	...	...	77 156
VICTORIA							
Westernport	10 134	...	...	...	...	...	10 134
Melbourne	40 116	...	702	...	...	...	40 818
Geelong	91 743	12 224	...	...	...	...	103 967
SUB-TOTAL	141 993	12 224	702	...	...	...	154 919
SOUTH AUSTRALIA							
Thevenard	...	...	...	...	...	15 201	15 201
SUB-TOTAL	...	...	...	...	...	15 201	15 201
TOTAL INTERSTATE	205 811	12 224	1 544	12 496	...	15 201	247 276
TOTAL AUSTRALIAN IMPORTS	409 321	12 224	2 103	12 496	...	15 201	451 345

Oil is a major import for North Queensland. Here tugs are manoeuvring a tanker into No. 1 berth for discharge of general purpose oil.



IMPORTS Overseas TONNES

PORT	General Purpose Oil	Yabulu Oil	General	Fertilizer	Nickel Ore	Gypsum	Total
BELGIUM-LUXEMBOURG							
Antwerp	252	...	...	...	252
SUB-TOTAL	252	...	...	...	252
CANADA							
Vancouver	1 916	...	...	...	1 916
SUB-TOTAL	1 916	...	...	...	1 916
GERMANY							
Hamburg	133	...	...	...	133
SUB-TOTAL	133	...	...	...	133
JAPAN							
Hiroshima	1 479	...	...	...	1 479
Hikoshima	84	...	...	...	84
Kanda	11	...	...	...	11
Kobe	119	...	...	...	119
Mizushima	163	...	...	...	163
Miike	10	...	...	...	10
Moji	273	...	...	...	273
Nagoya	5 260	...	...	...	5 260
Osaka	826	...	...	...	826
Shimizu	43	...	...	...	43
Toyohashi	120	...	...	...	120
Yokkaichi	402	...	...	...	402
Yokahama	3 852	...	...	...	3 852
Yokosuka	208	...	...	...	208
SUB-TOTAL	12 850	...	...	...	12 850
NEW CALEDONIA							
New Caledonia	30 325	...	30 325
SUB-TOTAL	30 325	...	30 325



Nickel Ore is a new import to Townsville. Here the 'General Hizon' discharges 41,082 tonnes from Moneo, New Caledonia, for processing at Yabulu.

IMPORTS Overseas TONNES (Cont.)

PORT	General Purpose Oil	Yabulu Oil	General	Fertilizer	Nickel Ore	Gypsum	Total
NEW ZEALAND							
Tauranga	...	...	2 247	...	...	...	2 247
SUB-TOTAL	...	...	2 247	...	...	...	2 247
PAPUA NEW GUINEA							
Lae	...	...	31	...	...	...	31
SUB-TOTAL	...	...	31	...	...	...	31
REPUBLIC OF KOREA							
Busan	...	...	9	...	...	...	9
SUB-TOTAL	...	...	9	...	...	...	9
REPUBLIC OF SINGAPORE							
Singapore	33 738	165 074	...	...	...	...	198 812
SUB-TOTAL	33 738	165 074	...	...	...	...	198 812
UNITED KINGDOM							
Mostyn	...	...	615	...	...	...	615
SUB-TOTAL	...	...	615	...	...	...	615
OVERSEAS TOTAL	33 738	165 074	18 053	...	30 325	...	247 190
SUMMATION							
INTRASTATE	203 510	...	559	...	...	...	204 069
INTERSTATE	205 811	12 224	1 544	12 496	...	15 201	247 276
OVERSEAS	33 738	165 074	18 053	...	30 325	...	247 190
TOTAL IMPORTS	443 059	177 298	20 156	12 496	30 325	15 201	698 535



Car ships are regular visitors to Townsville to discharge motor vehicles for distribution through North Queensland. Here the 'Shunyo Maru' discharges cars from Japanese Ports.

EXPORTS Australia TONNES

PORT	General Cargo	Sugar	Molasses	Meat	Hides	Tallow	By- Products
INTRASTATE							
QUEENSLAND							
Mackay	...	...	6 404	...	...	...	...
Palms Area	2 904	...	...	...	...	...	...
TOTAL INTRASTATE	2 904	...	6 404	...	...	...	...
INTERSTATE							
NEW SOUTH WALES							
Sydney	...	...	21 105	...	...	383	...
SUB-TOTAL	...	...	21 105	...	...	383	...
VICTORIA							
Melbourne	...	...	...	...	...	301	...
SUB-TOTAL	...	...	...	...	...	301	...
SOUTH AUSTRALIA							
Port Pirie	...	...	...	...	...	...	...
SUB-TOTAL	...	...	...	...	...	...	...
WESTERN AUSTRALIA							
Fremantle	...	6 899	...	...	...	...	...
SUB-TOTAL	...	6 899	...	...	...	...	...
TOTAL INTERSTATE	...	6 899	21 105	...	...	684	...
TOTAL AUSTRALIAN EXPORTS	2 904	6 899	27 509	...	...	684	...



Three huge molasses tanks located behind No. 4 berth provide the storage capacity for 30,000 tonnes ready for export.

EXPORTS Australia TONNES (Cont.)

Cattle	Refined Copper	Lead Products	Zinc Conc.	Copper Conc.	LGM Conc.	Nickel	Phosphates	Total
...	6 404
...	2 904
...	9 308
...	21 488
...	21 488
...	301
...	301
...	...	25 703	...	...	...	...	...	25 703
...	...	25 703	...	...	...	...	...	25 703
...	6 899
...	6 899
...	...	25 703	...	...	...	...	...	54 391
...	...	25 703	...	...	...	...	...	63 699



Lead from Mount Isa is one of the major exports through Townsville.

EXPORTS Overseas TONNES

PORT	General Cargo	Sugar	Molasses	Meat	Hides	Tallow	By-Products
BANGLADESH							
Chittagong	679	...
SUB-TOTAL	679	...
BELGIUM-LUXEMBOURG							
Antwerp
SUB-TOTAL
CANADA							
St. John	...	96 546	...	...	...	...	...
SUB-TOTAL	...	96 546	...	...	...	...	...
CHINA, PEOPLES REPUBLIC OF							
Shanghai	239	...
SUB-TOTAL	239	...
TAIWAN							
Keelung	452	...
Taichung	1 004	...
SUB-TOTAL	1 456	...
FRANCE							
Dunkirk	19 374	...	...	...	...
SUB-TOTAL	19 374	...	...	...	...
FINLAND							
Mantyluoto
Pori
SUB-TOTAL
GERMANY, FEDERAL REP. OF							
Hamburg
SUB-TOTAL
INDIA							
Cochin
SUB-TOTAL
ITALY							
Ravenna	11 001	...	...	...	...
SUB-TOTAL	11 001	...	...	...	...



580 445 tonnes of raw sugar were exported in 1985-86. Here the 'Ocean Hawk' begins to load 15 000 tonnes for shipment to Japan.

EXPORTS Overseas TONNES (Cont.)

Cattle	Refined Copper	Lead Products	Zinc Conc.	Copper Conc.	LGM Conc.	Nickel	Phosphates	Total
...	679
...	679
...	1 153	40 133	134 939	...	...	...	...	176 225
...	1 153	40 133	134 939	...	...	...	...	176 225
...	96 546
...	96 546
...	239
...	239
...	452
...	1 004
...	1 456
...	19 374
...	19 374
...	5 153	...	...	...	5 153
...	9 979	...	...	...	9 979
...	15 132	...	...	...	15 132
...	9 979	...	...	...	9 979
...	9 979	...	...	...	9 979
...	11 003	...	...	...	...	11 003
...	11 003	...	...	...	...	11 003
...	11 001
...	11 001

The 'Grand Honest' loads 30,501 tonnes of zinc concentrates, destination Japanese ports.



EXPORTS Overseas TONNES (Cont.)

PORT	General Cargo	Sugar	Molasses	Meat	Hides	Tallow	By- Products
JAPAN							
Akita	...	...	...	...	...	...	...
Hachinohe	...	...	...	...	...	...	...
Hikoshima	...	...	...	...	...	...	...
Kawasaki	...	...	...	...	...	1 067	...
Kinuula	13 377	...	...	...	...	...	...
Kobe	393	...	...	545	526	...	1 523
Nagoya	293	...	...	317	...	...	1 393
Naha	...	...	...	63	...	...	...
Naoshima	...	...	...	...	...	...	...
Niigata	...	...	...	...	...	...	...
Onahama	...	...	...	...	...	...	...
Osaka	1 293	...	...	1 815	155	...	...
Saganoseki	...	...	...	...	...	...	...
Shikama	...	...	...	...	...	...	...
Tokyo	...	212 000	...	111	...	...	...
Tsuruga	...	...	...	...	...	...	...
Yokkaichi	...	...	...	53	87	...	...
Yokohama	725	...	...	2 251	...	878	1 108
SUB-TOTAL	16 081	212 000	...	5 155	768	1 945	4 024
KOREA, REPUBLIC OF							
Busan	472	70 500	...	...	17	583	...
Inchon	...	132 200	...	...	...	...	...
Onsan	...	...	...	...	...	...	...
Ulsan	...	42 300	...	...	...	...	...
SUB-TOTAL	472	245 000	...	...	17	583	...
MALAYSIA							
Pasir Guddang	95	...	...	...	...	...	...
SUB-TOTAL	95	...	...	...	...	...	...
NETHERLANDS							
Flushing	...	...	...	...	...	...	...
SUB-TOTAL	...	...	...	...	...	...	...
PAPUA — NEW GUINEA							
Daru	143	...	...	...	...	...	...
Lae	20	...	...	...	...	...	...
Port Moresby	30	...	...	...	...	...	...
SUB-TOTAL	193	...	...	...	...	...	...
PHILIPPINES, REPUBLIC OF							
Manila	...	...	...	...	...	536	...
SUB-TOTAL	...	...	...	...	...	536	...
SINGAPORE, REPUBLIC OF							
Singapore	...	...	...	...	...	...	...
SUB-TOTAL	...	...	...	...	...	...	...
SOUTH AFRICA							
Durban	...	...	...	...	...	600	...
SUB-TOTAL	...	...	...	...	...	600	...
SPAIN							
Huelva	...	...	...	...	...	...	...
SUB-TOTAL	...	...	...	...	...	...	...

EXPORTS Overseas TONNES (Cont.)

Cattle	Refined Copper	Lead Products	Zinc Conc.	Copper Conc.	LGM Conc.	Nickel	Phosphates	Total
...	...	...	137 075	...	...	...	...	137 075
...	...	...	...	...	10 172	...	...	10 172
...	1 754	1 751	25 655	...	...	...	...	29 160
...	...	...	...	...	...	...	...	1 067
...	...	...	...	...	...	...	...	13 377
...	2 057	...	...	...	...	1 200	...	6 244
...	9 071	...	...	...	...	...	...	11 074
...	...	...	...	...	...	...	...	63
...	...	...	...	35 036	...	...	...	35 036
...	...	...	9 542	...	...	...	...	9 542
...	503	2 651	65 015	5 001	...	...	15 305	88 475
...	2 149	...	...	...	...	...	...	5 412
...	...	6 595	...	...	...	...	...	6 595
...	...	...	10 078	...	...	...	...	10 078
...	...	...	...	...	...	...	...	212 111
...	...	...	24 495	...	...	...	...	24 495
...	402	...	...	...	...	...	...	542
...	3 449	...	...	...	...	7 035	...	15 446
...	19 385	10 997	271 860	40 037	10 172	8 235	15 305	615 964
...	...	...	...	...	...	...	...	71 572
...	...	...	...	...	...	...	...	132 200
...	500	...	20 103	9 997	...	...	...	30 600
...	...	...	...	...	...	...	...	42 300
...	500	...	20 103	9 997	...	...	...	276 672
713	...	...	...	...	...	...	...	808
713	...	...	...	...	...	...	...	808
...	10 958	...	...	...	...	12 033	...	22 991
...	10 958	...	...	...	...	12 033	...	22 991
...	...	...	...	...	...	...	...	143
525	...	...	...	...	...	...	...	545
403	...	...	...	...	...	...	...	433
928	...	...	...	...	...	...	...	1 121
...	...	...	...	...	...	...	...	536
...	...	...	...	...	...	...	...	536
...	1 002	...	...	...	...	...	...	1 002
...	1 002	...	...	...	...	...	...	1 002
...	...	...	...	...	...	...	...	600
...	...	...	...	...	...	...	...	600
...	...	...	...	10 044	...	...	...	10 044
...	...	...	...	10 044	...	...	...	10 044

EXPORTS Overseas TONNES (Cont.)

PORT	General Cargo	Sugar	Molasses	Meat	Hides	Tallow	By-Products
UNITED KINGDOM							
London	107	...	...	...	...	...	...
SUB-TOTAL	107	...	...	...	...	...	...
SWEDEN							
Gothenburg	...	...	...	...	...	...	...
SUB-TOTAL	...	...	...	...	...	...	...
UNITED STATES							
Los Angeles	94	...	...	...	...	...	...
Optional Ports	...	...	23 376	...	...	...	...
Tampa	...	...	...	102	...	...	...
Wilmington	...	...	38 598	996	...	...	...
SUB-TOTAL	94	...	61 974	1 098	...	...	...
OVERSEAS TOTAL	17 042	553 546	92 349	6 253	785	6 038	4 024
SUMMATION							
INTRASTATE	2 904	...	6 404	...	...	...	...
INTERSTATE	...	6 899	21 105	...	...	684	...
OVERSEAS	17 042	553 546	92 349	6 253	785	6 038	4 024
TOTAL EXPORTS	19 946	560 445	119 858	6 253	785	6 722	4 024



Over 26 000 tonnes of cargo passed through the Port in containers in 1985-86.

EXPORTS Overseas TONNES (Cont.)

Cattle	Refined Copper	Lead Products	Zinc Conc.	Copper Conc.	LGM Conc.	Nickel	Phosphates	Total
...	36 189	150 772	...	...	...	442	...	187 510
...	36 189	150 772	...	...	...	442	...	187 510
...	...	...	...	...	...	208	...	208
...	...	...	...	...	...	208	...	208
...	...	...	...	...	...	...	...	94
...	...	...	...	...	...	...	...	23 376
...	...	...	...	...	...	...	...	102
...	...	...	...	...	...	...	...	39 594
...	...	...	...	...	...	...	...	63 166
1 641	69 187	201 902	437 905	85 189	10 172	20 918	15 305	1 522 256
...	...	...	...	...	...	...	...	9 308
...	...	25 703	...	...	...	...	...	54 391
1 641	69 187	201 902	437 905	85 189	10 172	20 918	15 305	1 522 256
1 641	69 187	227 605	437 905	85 189	10 172	20 918	15 305	1 585 955



Refined nickel pellets from Yabulu await loading by the 'Jovian Laurel' for shipment to Europe.

SUMMARY OF IMPORTS TONNES

	1978	1979	1980	1981	1982	1983	1984	1985	1986
General	54 582	72 578	42 829	54 629	51 949	44 355	51 902	34 939	20 156
Oil									
General Purpose	836 812	774 922	795 929	785 104	711 890	582 436	473 962	607 264	608 203
Liquid Gas	5 049	9 658	5 366	6 443	5 959	13 967	13 314	12 207	12 154
	841 861	784 580	801 295	791 547	717 849	596 403	487 276	619 471	620 357
Fertilizer									
Bulk	...	...	...	...	10 503	24 485	16 425	32 082	...
Liquid	21 523	15 214	16 484	17 610	13 021	17 507	14 715	3 761	12 496
	21 523	15 214	16 484	17 610	23 524	41 992	31 140	35 843	12 496
Iron and Steel	6 799	5 982	5 484	5 772	4 511	6 474	1 551	565	...
Nickel Ore	...	...	...	...	...	...	...	...	30 325
Timber	49	...	...	...	...	...	...	...	...
Sulphur	...	...	23 710	27 775	26 246	...	...	...	...
Gypsum	...	9 173	15 102	16 134	15 542	...	15 671	...	15 201
Tranship	5 036	...	8 683	...	3 658	...	...	...	...
TOTAL	929 850	887 527	913 587	913 467	843 279	689 224	587 540	690 818	698 535



Ships bringing cargoes and others taking North Queensland products to the world are handled by an efficient tug service at the Port.

SUMMARY OF EXPORTS TONNES

	1978	1979	1980	1981	1982	1983	1984	1985	1986
General	19 871	30 418	38 778	59 979	26 104	17 340	31 246	26 622	19 946
Oil	...	5 461	...	...	1 008	5 178	640	...	...
Steel	52	...	...	...	...	...	...	...	...
Meat and Associated Products									
Frozen	17 771	16 605	3 237	2 330	14 881	6 270	13 495	6 697	6 253
Hides	3 649	3 622	1 994	638	2 123	2 523	3 842	2 455	785
Tallow	9 699	11 525	9 657	8 891	12 138	10 364	11 312	13 239	6 722
By-Products	5 754	10 499	1 437	2 779	5 106	6 816	9 815	4 352	4 024
	36 873	42 251	16 325	14 638	34 248	25 973	38 464	26 743	17 784
Minerals									
Refined Copper	124 791	127 695	117 246	138 095	118 312	140 355	135 601	94 549	69 187
Concentrates—									
Copper	15 295	...	54 665	27 956	...	22 405	20 323	56 968	85 189
Zinc	209 078	264 677	237 780	214 160	262 499	328 993	405 976	421 183	437 905
LGM	...	...	...	...	...	...	...	...	10 172
Dross	514	...	...	...	1 474	...	...	...	...
Lead Products	149 654	160 826	152 991	123 155	159 882	154 910	200 770	226 353	227 605
Oil Shale	...	...	...	...	...	...	...	20 148	...
Nickel	23 373	25 999	26 888	26 069	27 581	23 132	18 369	18 942	20 918
Rock Phosphates	379 305	213 168	...	...	101 563	127 329	18 701	10 139	15 305
	902 010	792 365	589 570	529 435	671 311	797 124	799 740	848 282	866 281
Molasses	70 904	26 074	56 101	60 271	112 385	108 102	95 141	168 334	119 858
Sugar	483 634	456 187	456 357	516 427	531 531	510 662	608 062	594 205	560 445
Timber	388	...	...	...	...	...	...	...	...
Wool	(4 401	(3 860	(2 082	(609	...	...	...	...	...
	Bales)	Bales)	Bales)	Bales)					
	771	691	382	188					
Cattle	(14 480	(32 088	(6 012	(32 271	(22 866	(9 455	(5 920	(3 416	(3 282
	Head)	Head)	Head)	Head)	Head)	Head)	Head)	Head)	Head)
	14 840	32 088	6 012	10 757	7 622	4 186	2 960	1 708	1 641
Tranship	5 036	...	...	...	3 658	...	...	...	...
Marble	...	...	...	...	...	...	...	4 047	...
TOTAL	1 534 379	1 385 535	1 163 525	1 191 695	1 387 867	1 468 565	1 576 253	1 669 941	1 585 955

TOTAL THROUGHPUT TONNAGES

	1978	1979	1980	1981	1982	1983	1984	1985	1986
	2 464 229	2 273 062	2 077 112	2 105 162	2 231 146	2 157 789	2 163 793	2 360 759	2 284 490

SHIPPING INFORMATION

	1978	1979	1980	1981	1982	1983	1984	1985	1986
No. of Vessels	494	496	439	497	509	419	451	400	354
Gross Tonnage	3 662 282	3 767 354	3 217 744	3 446 498	4 057 208	4 067 644	4 363 771	4 647 209	4 378 158

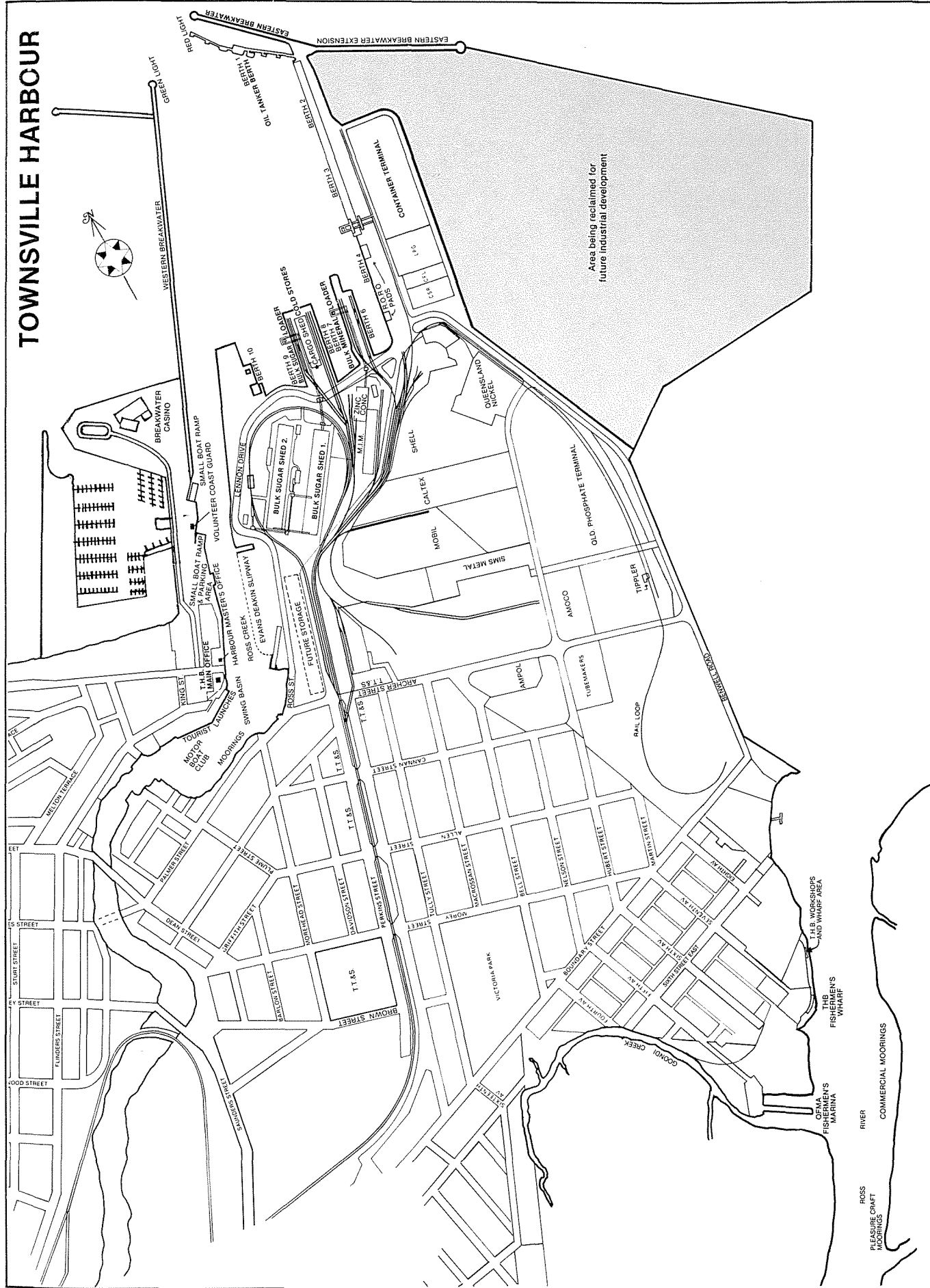
From 1983 only vessels over 200 tons included.

CARGO RECORDS

	Date	Vessel	Record
Imports	05/01/77	Bramora	discharged 56 506 tonnes of Bulk Oil
Exports	19/12/77	Nestor	loaded 43 772 tonnes of Raw Sugar
Deepest Draft Vessel	14/03/77	Edward Stevinson	12.04 metres loaded with Bulk Oil
Longest Vessel	28/11/80	Maria Jose T.	261.15 metres
Highest D.W.T. Tonnage	26/03/76	Capetan Carras	85 108 tonnes
Widest Beam	12/05/81	Tokurasan Maru	37.57 metres



TOWNSVILLE HARBOUR





The Maritime Museum of Townsville is located within the Port precincts. Miss Margaret Condor, Information Officer conducts regular sessions with groups from local schools.