

安定化を目的とし、ブラジル産業発展協会（ABDI）との共同作業で海事産業に係わる企業の情報を記載している。登録は無料で、サイト（ポルトガル語）から申し込むことが可能。必要書類提出後に委員会の適正審査を受け、合格すればカタログに記載される。

\* 巻末に資料 8 ONIP による業種別企業リストを掲載しているので参照されたい。

### ③ 工場や造船所建設に関連する環境ライセンス取得の必要性

ブラジルの環境法に基づき、実質的または潜在的に汚染源となる活動および自然資源を利用する活動の設置は、環境ライセンスの取得を条件とする。環境ライセンスとは、環境当局が各事例ごとに事業計画（立地、設置、拡張、操業）を分析、許可する行政手続きをいう。

環境ライセンシングプロセスには3段階があり、各段階で環境面からみたプロジェクトの実現可能性が評価・分析され、条件を満たした場合にライセンスが発給される。環境ライセンスが定める条件には、環境影響に対する予防措置、緩和措置、補償措置等の配慮の有無などが含まれる。

#### ① 事前許可（LP - Licença prévia）

プロジェクトの計画段階において、基本条件を満たし、環境面の実現可能性を確認した場合に発給され、立地・設計を承認する。

#### ② 設置許可（LI - Licença de instalação）

環境対策他すべての要求条件を満たした場合に発給され、プロジェクトの設置を承認する。

#### ③ 操業許可（LO - Licença de operação）

②の設置許可の付帯条件を遵守していることが確認された後に発給され、プロジェクトの操業を承認する。

重大な環境被害を引き起こす可能性のあるプロジェクトについては事前の環境影響調査が行われ、環境省の環境・再生可能天然資源院（IBAMA）がライセンスを発給する。それ以外は、州がライセンスの発給元になる。

工場の建設予定地は、施設の環境ライセンス付与に直接影響するため、企業は特に細心の注意が必要。水源の近くや特殊な動植物の生息地などでは環境ライセンスの取得が複雑・長期化する。また場合によっては事後であっても環境補償の請求が生じることもあるので注意を要する。

生産工程で大量の水を必要とする場合、水源の利用可能性にも留意する必要がある。水の需要が大きく地域は、水量が制限される場合もある。

### ■ ビジネスオプション

ブラジル市場へのアプローチとして以下のオプションが考えられる。

造船所：河川造船所事業への協力・進出、タグ・バージ・河川船舶分野の研究  
M&A（造船所、ブラジル国内外の海洋エンジニアリング企業）  
支援船建造分野への参入  
修繕・メンテ事業への参入  
海洋深海技術の獲得  
技術協力（一般商船、漁船）  
人材派遣・海洋エンジニアの登用  
生産性向上のための現場技術指導&エンジニアリングサービス、  
現地海洋エンジニアリング会社とのテクニカルタイアップ

\*ブラジルが求めているサブシー技術分野の研究・開拓

\*河川輸送の主役であるプッシャー・バージシステム（PBS）の研究

\*日本で行われている内陸水運研究・技術のブラジル河川輸送へのアプリケーションの可否。

（河川輸送はルートや河川障害の条件による運航への影響も大きいことから今後ともプッシャー方式のマルチバージの採用が拡大すると考えられる。ブラジルの河川輸送でポピュラーなミシシッピタイプのバージョンアップの研究等）

海運業：河川輸送分野への参入  
プレサル鉱区オフショアオペレーション分野への参入  
支援船事業分野への参入  
現地企業との協業による港湾事業への参画  
その他 M&A

船用産業：河川造船所及び河川輸送業者へのアプローチ  
現地企業との共同生産事業  
事業投資（M&A）  
技術供与（含：パテント）  
日本及び外国工場からの機器輸出  
\*港湾機器も対象市場

商社：インフラ事業投資、港湾事業、  
各種リースオペレーション、ファイナンス等  
機器輸出  
M&A

### 【アルゼンチン】

2月上旬、経済危機に見舞われているアルゼンチンとブラジルの両大統領が貿易における両国の連携強化とメルコスルの発展について協調を図ることを取り決めた。海事クラスターの規模は限定的。市場には諸外国からの資金注入もあり得ることから、中・長期的にはブラジルとの連携市場としての可能性も注視。ファイナンスも重要ファクター。

造船所：船舶修繕・メンテ事業への参入・M&A、技術指導

船会社：河川運輸事業分野への参入

船用機械：河川運輸事業者へのアプローチ。

日本及び域外製造機器の輸出販売

商社：バージ等のリース、ファイナンス、港湾インフラ事業、機器輸出、鋼材販売

### 【チリ】

マーケットととしては限定的でケースバイケースの対応。

造船所：技術協力、一般商船（コンテナ船輸出）

船会社：修繕・保守工事。コンテナオペレーターとのアライアンス等

船用機械：日本あるいは域外製造機器の販売

商社：コンテナ船や一般商船の販売・リース、漁業産業の周辺ビジネス、鋼材販売

### 【ウルグアイ】

マーケットは限定的。ブラジルとの連携市場として可能性を研究。政府による造船クラスター育成の動きを注視。海事協会との交流

造船所：河川船舶修繕・メンテ事業への参入・M&A、技術指導

船会社：河川運輸事業分野への参入

船用機械：タグボート、自航河川船舶への機器・装置販売

商社：河川船舶やバージ等のリース、鋼材販売

### 【パラグアイ】

マーケットとしては河川ビジネスの周辺を研究。ケースバイケースの対応

造船所：河川船舶建造事業（投資・M&A）、技術指導

船会社：バージ輸送等河川運輸事業分野への参入

船用機械：タグボート、自航バージ、フェリー等河川船舶への機器・装置販売

商社：ターミナル・輸送事業、バージ等のリース、機器取り扱い、鋼材販売

### 【ペルー】

マーケットとしては限定的でケースバイケースの対応。SIMA 造船グループ等への販促

造船所：小型商船（漁船、パトロール船、フェリーなど）及び技術協力

船会社：特になし

舶用機械：日本あるいは域外製造機器の販売

商社：リース、機器取り扱い、鋼材販売

### 【エクアドル】

市場は極めて限定的。ケースバイケースで検討

タグボート用機器

### 【コロンビア】

市場は極めて限定的。Ecopetrol 社による海洋掘削の動きを注視

ケースバイケースで対応

### 【ベネズエラ】

今後の政治経済やエネルギー分野の動きを注視。ケースバイケースで対応

## 資料 1 ブラジル造船工業会（SINAVAL）会員

（2017年1月現在の工業会メンバーは以下の36社となっている）

### 企業名

1. ALIANÇA S. A. –  
Indústria Naval e  
Empresa de Navegação  
Travessa Braga, 2 (Avenida do Contorno) – Barreto  
Niterói – RJ – CEP 24110-200  
Telefone: (21) 2624-9300  
Fax: (21) 2624-9331  
Homepage: [www.estaleiroalianca.com.br](http://www.estaleiroalianca.com.br)
2. ARPOADOR  
Engenharia Ltda.  
Escritório: Av. das Américas, 3333 – Sala 1116 – Barra  
da Tijuca  
Rio de Janeiro – RJ – CEP 22631-003  
Telefone: (21) 3153-8841  
Estaleiro: Av. Prefeito Domingos de Souza, 605 – Vila  
Santa Rosa  
Guarujá – SP – CEP 11432-130  
Telefone: (13) 3329-1152  
Angra dos Reis: Av. Winston Maruca, s/n – Lote 36 –  
Marina Verolme – Jacuecanga  
Angra dos Reis – RJ – CEP 23914-345  
Telefone: (24) 3361-2231  
Homepage: [www.arpoador.eng.br](http://www.arpoador.eng.br)
3. BENETEAU BRASIL  
CONSTRUÇÕES DE  
EMB. S/A  
Av. Winston Maruco, s/n°. – lote 30 – parte 1 e 2  
Jacuecanga – Angra dos Reis – RJ – CEP 23914-345
4. BR Offshore S/A  
Avenida Paulista, 37, 10°  
São Paulo – SP – CEP 01311-902  
Telefone: (11) 3372-9515  
Fax: (11) 3372-9550  
Homepage: [www.broffshore.com](http://www.broffshore.com)
5. BRASFELS S/A  
Rodovia Rio-Santos (BR-101), km 83 – Jacuecanga  
Angra dos Reis – RJ – CEP 23905-000  
Telefone: (24) 3361-6000  
Fax: (24) 3361-3408  
Rua da Quitanda, 86, sala 301, 3° Andar – Centro  
Rio de Janeiro – RJ – CEP 20091-005  
Telefone: (21) 2102-9400  
Fax: (21) 2102-9425  
Homepage: [www.kfelsbrasil.com.br](http://www.kfelsbrasil.com.br)

6. BRAVANTE –  
Brasbunker  
Participações S/A –  
Estaleiro São Miguel
- Rua Lauro Muller, 116, Grupo 23º andar – Botafogo  
Rio de Janeiro – CEP 22290-160  
Telefone: (21) 2543-7414  
Fax: (21) 2530-8222  
Av. Senador Salgado Filho, 356 – Paecará  
Guarujá – SP – CEP 29050-430  
Telefone: (13) 3352-6600  
Rua Manuel Duarte, 2999 – Gradim  
São Gonçalo – RJ – CEP 24430-500  
Telefones: (21) 3715-8750 (Estaleiro), 3715-8760  
(Operações) e 3715-8770 (Offshore)  
Homepage: [www.bravante.com.br](http://www.bravante.com.br)
7. CMO Construção e  
Montagem Offshore S/A
- Avenida Rio Branco, 89, sala 1302 – Centro  
Rio de Janeiro – RJ – CEP 20040-004  
Telefone: (21) 2516-4822 / 2203-2037  
Homepage: [www.cmooffshore.com.br](http://www.cmooffshore.com.br)
8. Construtora  
QUEIROZ GALVÃO S/A
- Av. Rio Branco, 156, Conj. 3037 – Centro  
Rio de Janeiro – RJ – CEP 20040-901  
Telefone: (21) 2131-7100  
Fax: (21) 2220-5457  
Homepage: [www.queirozgalvao.com](http://www.queirozgalvao.com)
9. DETROIT Brasil S/A
- Rua César Augusto Dalçoquio, 4500 (BR-101, km 112) –  
Salseiros  
Itajaí – SC – CEP 88311-550  
Telefone: (47) 2103-8500  
Fax: (47) 3349-3144  
Homepage: [www.detroit.cl](http://www.detroit.cl)
10. DOCK Brasil  
Engenharia e Serviços  
S/A
- Escritório: Rua do Acre, 92 – Sala 401 – Centro  
Rio de Janeiro – RJ – CEP 20081-000  
Telefone: (21) 2253-8746  
Estaleiro: Rua Manuel Duarte, Lotes 5 e 6 – Gradim  
São Gonçalo – RJ – CEP 24430-500  
E-mail: [dockbrasil@dockbrasil.com.br](mailto:dockbrasil@dockbrasil.com.br)
11. DOCKSHORE  
Navegação e Serviços  
Ltda.
- Rua B, número 20 (Parte) – Ilha da Conceição  
Niterói – RJ – CEP 24050-000  
Telefone: (21) 2707-3100
12. EISA – Estaleiro  
Ilha S/A
- Praia do Rosa, 2 – Ilha do Governador  
Rio de Janeiro – RJ – CEP 21920-630  
Telefone: (21) 2468-8002  
Fax: (21) 3396-2903

13. EJA – Estaleiro  
Jurong Aracruz Ltda.  
Homepage: [www.eisa.com.br](http://www.eisa.com.br)  
Avenida dos Coqueiros, 80  
Aracruz – ES – CEP 29199-030  
Telefone: (21) 3024-0509  
Fax: (21) 2506-5428  
Homepage: [www.jurong.com.br](http://www.jurong.com.br)
14. Empresa Brasileira  
de Reparos Navais S/A –  
RENAVE  
Avenida do Contorno, 169 – Barreto  
Niterói – RJ – CEP 24110-200  
Telefone: (21) 2199-8000  
Fax: (21) 2624-1662 / 2628-7855  
Homepage: [www.enavi.com.br](http://www.enavi.com.br)
15. ENAVAL –  
Engenharia Naval e  
Offshore Ltda.  
Rua Miguel Lemos, 80 – Ponta d’Areia  
Niterói – RJ – CEP 24040-260  
Telefone: (21) 2233-8536  
Homepage: [www.enaival.com.br](http://www.enaival.com.br)
16. Estaleiro  
ATLÂNTICO SUL S/A  
Av. Rio Branco, 53, 4º andar – Centro  
Rio de Janeiro – RJ – CEP 20090-004  
Telefone: (21) 2253-2711 / 2717 / 2708 / 2276-2300  
Fax: (21) 2276-2327  
Ilha de Tatuoca s/nº – Complexo Portuário de Suape –  
Ipojuca  
Recife – PE – CEP 55590-900  
Telefone: (81) 9803-7200  
Homepage: [www.estaleiroatlanticosul.com.br](http://www.estaleiroatlanticosul.com.br)
17. Estaleiro Brasa  
Ltda.  
Ilha do Caju, s/n, Parte  
Niterói – RJ – CEP 24040-005  
Telefone: (21) 3520-5003
18. Estaleiro Enseada  
do Paraguaçu S.A  
Avenida Tancredo Neves, 620, 4º andar – Caminho das  
Árvores  
Salvador – BA – CEP 41820-020  
Telefone: (71) 2546-4770  
Avenida República do Chile, 230, 6º andar – Centro  
Rio de Janeiro – RJ – CEP 20031-919  
Telefone: (21) 3299-7300
19. Estaleiro MAUÁ S/A  
Rua Dr. Paulo Frumêncio, 28 – Lote 1ª (Parte) – Ponta  
d’Areia  
Niterói – RJ – CEP 24090-290  
Telefones: (21) 2613-9999  
Fax: (21) 2722-1509  
Homepage: [www.estaleiromaua.ind.br](http://www.estaleiromaua.ind.br)

20. Estaleiro NAVSHIP Ltda. Rua Orlando Ferreira, 305 – Machados Navegantes – SC – CEP 88375-000  
Telefone: (47) 2104-2800  
Fax: (47) 2104-2804  
Rua da Quitanda, 86 – sala 401 – Centro Rio de Janeiro – RJ- CEP 20091-005  
Telefone: (21) 3970-9150  
Homepage: [www.navship.com.br](http://www.navship.com.br)
21. Estaleiro RIO MAGUARI S/A Estrada do Maracacuera, km 6 – Icoaraci Belém – PA – CEP 66815-140  
Telefone: (91) 3214-7800  
Fax: (91) 3227-2601  
Homepage: [www.riomaguari.com.br](http://www.riomaguari.com.br)
22. Estaleiro Rio Tietê Ltda. Rua Afonso Pena, 1244 – Vila Mendonça Araçatuba – SP – CEP 16015-040  
Telefone: (18) 3621-1433
23. Estaleiro SÃO JACINTO Ltda. (Grupo Muliceiro) Rua Manoel Duarte, 2159 – Gradim São Gonçalo – RJ – CEP 24430-500  
Telefone/Fax: (21) 2605-5287  
E-mail: [saojacinto@terra.com.br](mailto:saojacinto@terra.com.br)
24. Estaleiros do Brasil Ltda – EBR. Estrada pública, S/n – Bairro Cocuruto São José do Norte – RS – CEP: 96225-000  
E-mail: [contato@ebrbrasil.com](mailto:contato@ebrbrasil.com)  
Homepage: <http://www.ebrbrasil.com>
25. ETP Engenharia Ltda. Av. Almirante Barroso, 97/8º andar – Centro Rio de Janeiro – RJ – CEP 23031-005  
Telefone: (21) 2533-3351  
Fax: (21) 2533-3467  
Homepage: [www.etp.com.br](http://www.etp.com.br)
26. ICN – Itaguaí Construções Navais S/A Rua Lauro Muller Nº 116 – Sala 3905/3906 – Botafogo – Rio de Janeiro  
Telefone: (21) 3266-0699
27. Intecnial S/A Rua Alberto Parenti, 1133 Erechim – RS – CEP 99700-000  
Telefone: (54) 2107-8000  
Fax (54) 2107-8200  
Homepage: [www.intecnial.com.br](http://www.intecnial.com.br)



28. KEPPEL  
Singmarine Brasil Ltda. Rua Prefeito Manoel Evaldo Müller, 3388 – Volta Grande  
Navegantes – SC – CEP 88375-000  
Telefone: (47) 3342-6460  
Fax: (47) 3348-1701  
Homepage: [www.keppelom.com](http://www.keppelom.com)
29. QGI Brasil S/A  
Av. Honório Bicalho, 11 – Getúlio Vargas  
Rio Grande – RS – CEP 96201-020  
Telefone/Fax: (53) 3035-9000  
Dique seco:  
Av. Alm. Maximiano da Fonseca, 4361 (Parte) – Superporto  
Rio Grande – RS – CEP 96204-040  
Telefone/Fax: (53) 3035-9000  
Rio de Janeiro:  
Av. Presidente Vargas, 409 – 18º ao 20º andar – Centro  
Rio de Janeiro – RJ – CEP 20071-003  
Telefone: (21) 3211-5000  
Fax: (21) 3211-5192  
Homepage: [www.quip.com.br](http://www.quip.com.br)
30. R.G. Estaleiros S/A  
Rua da Assembleia, 66, 19º andar – Centro  
Rio de Janeiro – RJ – CEP 20011-000  
Telefone: (21) 2108-0500  
Homepage: [www.engevix.com.br](http://www.engevix.com.br)
31. TRIUNFO  
Operadora Portuária Ltda. Av. Pres. Wilson, 113, sala 1201 – Centro  
Rio de Janeiro – RJ – CEP 20030-020  
Telefone: (21) 2178-8800  
Homepage: [www.triunfoportuaria.com.br](http://www.triunfoportuaria.com.br)
32. UTC Engenharia S/A  
Rua Bela Cintra, 986  
São Paulo – SP – CEP 01415-906  
Telefone: (11) 3124-1200  
Fax: (11) 3259-2539  
Rua Monsenhor Raeder, 273/275 – Barreto  
Niterói – RJ – CEP 24110-814  
Telefone: (21) 2624-9200  
Fax: (21) 2624-9226  
Homepage: [www.utc.com.br](http://www.utc.com.br)
33. VARD Electro Brazil  
(Instalações Elétricas) Ltda. Rua Dr. Borman, 23, sala 502 – Centro  
Niterói – RJ – CEP 24.020-320  
Telefone: (21) 2729-2828

34. VARD NITERÓI S/A Praça Alcides Pereira, 1 – Ilha da Conceição  
Niterói – RJ – CEP 24050-350  
Telefone: (21) 2718-9090  
Fax: (21) 2718-9080  
Homepage: [www.vard.com](http://www.vard.com)
35. VARD PROMAR S/A AE Zona Industrial Portuária – Ilha de Tatuoca – Zona Rural  
Ipojuca – PE – CEP 55590-000  
Telefone: (81) 3561-2500  
Fax: (81) 2122-3099
36. WILSON, SONS – Rua Padre Arnaldo Caiaffa, 246 – Bairro Vila Lúcia  
Comércio, Indústria e Guarujá – SP – CEP 11430-020  
Agência de Navegação Ltda. Telefone: (13) 3347-7200  
Fax: (13) 3358-2748  
Rua Jardim Botânico, 518, 3º andar – Jardim Botânico  
Rio de Janeiro – RJ – CEP 22461-000  
Telefone: (21) 2126-4120  
Fax: (21) 2126-4190  
Homepage: [www.wilsonsons.com.br](http://www.wilsonsons.com.br)

## 資料 2 ブラジル河川船舶関連機器及びメーカーリスト

機器	企業名
Air Filter	Bosch Rexroth, SMC Pneumaticos
Accomodation Ladder	Mecanavi
Accumulators	HT Hidrautronica, Bosh Rexroth
Actuators	Ascoval, Bardella, Bray Controls, Cameron, Flowserve, KSB Valvulas, Metal Work, Micromazza, SMC Pneumaticos, Spectra
Agitators	Bardella
Air Dryers	SMC Pneumaticos
Air Ducts	Poleoduto
Air Filtration	Mahle
Air treatment	Metal Work
Analgetic Couplers	Conexel
Anchors	Navasul, Techlabor
Angle and Plates	Carbinox
Array	Conexel
Automation	Bosch Rexroth, Conexel, Magnetrol, SMC Pneumaticos, Spectra, WEG Equipamentos
Auziliares Systems	Flowserve, Delp Enghenaria
Auxiliarey Generator Sets	Commins
Backstops	Tec Tor, Vulcan
Ballast Water Treatment	Alfa Laval
Bands	Utilinox, Fechometal
Barges	Cummins
Bathroom Units	SCA
Batteries	AMPE
Battery charger	AMPE, SPECTRA
Bearing seals	Lamiflex, Powerflex
Bilge Water Treatment	Alfa Laval
Bins	SCS
Blanks	Usiminas Mecanica
Blocks	Bosch Rexton, Conexel, KSB Valvulas, SPECTRA, Usiminas Mecanica
Booster	Alfa laval

BOPS	Cameron, PWR Mission Ind. MEC S/A
Box reduction with steering wheel	SMV
Brakes	Tec Tor, Vulcan
Buckles	Utilinox/Fechometal
Buckets	Bardella, Iasa, Python, Scs, Zinque
Cables	Bratech, maincrane, Mecanavi, wirex
Capstans	navalsul, Strauhs
Casting Pieces	Usiminas Mecanica, Python
Ceilings	SCA
Centrifugal	ASCA, ASVAC, Cameron, Flowserve, Mausa, PWR Mission Ind.MEC
Chains	Brasilamarras, WEG Equipamentos, Vecom Brasil
Channels	Poleduto
Chargers	AMPE, SPECTRA, WEG
	Equipamentos-Check:ASCA, Bray Controls, Cameron, Flowserve, KSB Valvylas, Metallulugica SCAI, Neway, SMV
Chocks	Lamiflex, Navalsul
Christmas Tree	Micromazza
Chucks to Lathe	Union Americana
Circular Blind Discs and Spaces	SFAY
Cleaning Machine	Alfa laval
CNC Boring Milling Machines	Mausa
Coating for marine structure	Vibtec Industrial
Cold Rooms	SCA
Columns	Delp engenharia
Command panels	Ascoval, Conex
Compact membrane Potable Water	Ecoscan
Compressed Air	ASCA, Ascoval, Engetank, SMC Pneumaticos
Compressors	Burckhardt, Cameron, Danfoss, Johnson Controls, Lamiflex, Powerflex, Neuman
condenser	IASA
Condensing units	Johnson Controls, Danfoss
Conditionning System	Flowserve

Conduit and carbon steel	Carbinox
Connection Boxes	Conex, Bknav
Connections	Bosch Rexroth, Carbinox, Conex, Metal Work, Schlz, SMC Pneumaticos, SMV, WEG
Connectors	Cameron, Conexel
Control	Cameron
Instrumentation	
Control of flowed	SMV, Cameron
Control of pressure and temperature	Danfoss
Contro Panels	GE Energy/Gevisa, Johonson control, Bosch Rexroth, Spectra
Controls	Cameron, Conex, Neuman, Weg Equipamentos
Conveyor belt	IASA
Coupling	Lamiflex Pwerflex
Cranes	IASA, Mecanavi, Navalsul, Strauhs, Bardella, mausa
Crewboat	Cmmings
Current/Voltage	Conexel
Monitoring	
Curtains	SCA
Custom Equipment	SCA
Custom panels	Weg Equipamentos
Cut cold drawn, vulcanized and machined	Juntas Brasil
Cylinders	Guimmy, PWR Mission Ind. MEC, SMC Pneumatico
Davits	Mecanavi, Navalsul, Techlabor
Deck Equipments	Techlabor, mecanavi
Deck fittings	Techlabor, mecanavi
Deck machinery	Navalsul
Deck mating	Rosch Rextoth
Desalination systems for wells, ships and oil platforms	Ecosan
Detonation and continuous combustion	ASCA

Diaphragm	Lamiflex powerflex
Diesel engine manufacturer of propulsion	Cummins
Diesel electric propulsion	MTU do Brasil
Displays	Spectra
Distributor	Delp Engenharia, Maincrane
Doors	SCA, Mecanavi, Union Americana, Zinque
Double damper	PWR Mission Ind., MEC
Drain Pipe	Poleoduto
Dredgers	Cummins
Drilling guide basis	Delp Engenharia
Driveshafts Industry	Tec Tor
Dry gas seal panel	Flowserve
Dryers Chillers	Mausa
Dual plate retention mission	PWR Mission Ind.MEC
Ducts	Cameron, Iasa, Juntas Brasil, Python, SCS
Duplex strainers	SFAY
E/P conveyor	Bosch Rexroth
Eccentric plug	Flowserve
Electors	Bosch Rexroth
Elastomeric	lamiflex Powerflex
Electric arc furnace	Delp Engenharia
Electric motors	WEG Equipamentos
Electric panel	Bosch Rexroth, WEG Equipamentos
Electrical and Electronic componests	Equisul
Electronic and Electromechanical	Magnetrol
Industrial process	
Elliptical Vessels heads for the nitrogen storage	Engetank
Engineering\$Project management chokes	Cameron
Equipment and PPE's	Juntas Brasil
Evaporator	Mausa

Expansion joints metallic and nonmetallic	juntas Brasil
Explosion vents	BS&B
Extrusion lines, wire uniting and twisting machines	Brastech
Fairleads	Navalsul
Fan coils and chillers units	Johnson controls
Fans	Lamiflex Powerflex
Feeder	IASA
Fender davit	Mecanavi
Fiberglass composite materials	ENMAC
field machining, recovery	IBRAV
Filters	Alfa Laal, ASCA, bosh Rexroth, Johnson controls, Mahle, Mausa, SMC pneumatics, Techlabor
Filtration systems fittings	IASA Brasilamarras, Conex, flowserve, Johnson Controls, Mecanavi, metal Work, Pleoduto, Record, SMC pneumatics, Zinque
Flame arresters	RS&B
Flame arrestters and protectors	ASCA
Flanges	Schlz
Flap	SMV
Flat bars	Carbinox
Floorlights	BKNAV, Conex
Flooring	SCA
Flow indicators	SFAY
Forging fittings	Brasilamarras
Foundry	SBV
Free wheels	Tec Tor
Fresh water generator	Alfa Laval, Sasakura
Furnaces	Bardella, Delp engenharia, IASA
Gangway	Mecanavi

Gantry	IASA
Garra/portaGarra	Union Americana
Gasketed plate heat exchanger	Tranter
Gates	Cameron, Delp Engenharia, IASA
Gause	bosch Rexroth, Record
Gears	lamiflex Powerflex
Generators	bosch Rexroth, Cummins, Delp engenharia, GE Energy/Gevisa, Lamiflex/Powerflex, MTU do Brasil, Vibtech Industrial, Vulkan, WEG Equipamentos
Glass for level gases	SFAY
Graphite products	Juntas Brasil
Guide cable	Mecanavi
Hammers	Guimmy
Hand and powered hydraulic power units	Guimmy
Handrails	SCA
Hangers	Cameron
Heat Exchangers	Bardella, delp Engenharia, V6M do Brasil
Heaters	delp engenharia, mausa, Spectra
Heating torches	Record
Heavy equipment	Maincrane
Helical gears	Cestari
Helicopter handling system by hydraulic winches	Mecanavi
Hexagonal bars high pressure hydraulic tools	Carbinox guimmy
Hooks	Strauhs
Hopper	IASA
Hoses	Poleoduto
Hot rolled/cold drawn seamless steel tubes	V&M do Brasil
Hydraulic and pneumatic torque wrenches	Guimmy
Hydraulic cardboard	zjntas Brasil



Hydraulic cylinders	Bosch Rexroth
Hydraulic Motors	Bosch Rexroth
Hydraulic nut splitters	Guimmy
Hydraulic pullers	Guimmy
Hydraulic reel and spare parts	Mecanavi
Hydraulic steel structures	Delp Engenharia
Hydraulic Turbines	Delp Engenharia
Hydrocyclones	Techlabor
Industrial gears	Bosch Rexroth, Cestari, Flowserve, lamiflex/Powerflex, Vulcan
Industrial Brakes	Tec Tor
Industrial filters for fluid technology	Mahle
Industrial seals	Juntas Brasil
Integrated system for marine interior acomodations	SCA
Inverters	AMPE, Spectra, GE Energy/Gevisa
Iron parts	ROMI
Jacking system	Bosch Rexroth
Junction boxes	BKNAV
Kitchen equipment	SCA
Kort nozzles	Navalsul
Labirinth seal for bearing box	La Miflex/Powerflex
Lamellar Oil/Water separators	Alfa Laval, ASCA, Bardella, Exosan, Mausa
Launching systems,loading and winding lines	Brastech
Lead acid stationary batteries	AMPE
Leak detector	Flowserve
Life boat davit	Mecanavi
Lighting fixtures	BKNAV
Limit switch	Flowserve
Sight flow indicator	SFAY

Lubricators	SMC Pneumaticos
Machining	IASA, IBRAV, SMV
Manifold blocks	Bosch Rexroth, Spectra
Manifolds	Delp Engenharia
Manual propulsion command	Bosch Rexroth
Marine and offshore power	Wirex
Maritime gearboxes	Renk Zanini
Maritime simulators	Spectra
Markers	Weidmuller Conexel do Brasil
Measurement	Cameron, Magnetrol
Mechanical industrial	Vecom Brasil
Mechanical isolation	BS&B
Mechanical seal	Flowserve, Friatec
Membrane oily water separator	Ecosan
Metal and flexible couplings	lamiflex/Powerflex
Metallic structure metallurgical laboratories	IASA Cestari
Mining cables extraflexible	Wirex
Mixers	Lamiflex/Powerflex
Modeling	SMV
Modular system for sealing cables and pipes	Roxtec
Monitorial cranes	Macanavi
Mooring buoys	Techlabor
Motors lines coaxial	Cestari
Mudgun for furnaces	IASA, IBRAV, SMV
Navigation Light	BKNAV
Nitrogen Generator and Lubricating	Flowserve
No Breaks	WEG Equipamentos
Online PSV Test and Relief	IBRAV

Orifice Plates,Orifice Restriction	SFAY
Outlets	Conex
Oxygen	Engetank
Packing	Friatec
Panels	Ascoval, Conex, GE Energy, johonson Controls, SMC, Vibtech Industrial, WEG Equipamenos
Partitions	SCA
Parts of boilers	SCS, Python
Passive fire protection	Morganite
pelletize Equipment	Delp engenharia
Penstocks	Delp Engenharia
Pipeline&Transmissi on Ball	Cameron
Pipes	Tenaris confab, morganite, Record, Schulz, SMC
Pipings	Neuman, Bardella
Plastic Tubes	Bosch Rexroth
Plate heat exchangers	Alfa laval, Tanter
Plugs	BKNAV, Conex
Pneumatic componesnts	Metal Work
Porticos	IASA, Mausa
Power supply	Conexel
Power transmission	Lamiflex/Powerflex, vulkan
Power units	Bosch Rexroth, Guimmy
Pressings	Juntas Brasil
Pressure amplifiers	SC pneumatics
Pressure and temperature switches	Ascoval
Pressure and vacuum relief vents	BS&B
Pressure regulators	Bosch Rexroth, Record,
Pressure switches	Bosch Rexroth, Record, SMC Pneumaticos
Pressure transducers	bosch Rexroth, SMC Pneumaticos
Pressure vessels	Delp Egenharia, ENGETANK, Python, SCS, Technolabor
Pressure/return filters	Bosch Rexroth

Projectors	Conex
Propulsion systems	Cummins, MTU do Brasil, Navalsul, Strauhs
Projection of rotating equipment	Vibtech Industrial
Pull cylinder	Guimmy
Pulley motorized	Tec Tor
Pumps	ASVAC, Bosch Rexroth, Flowserve, Friatec Brasil, Guimmy, Lamiflex/Powerflex, Mausa, Netsch do Brasil, PWR Mission Ind., MEC, SMC Pneumaticos, WEG Equipamentos
Push boat	Cummins
Quick acting watertight door	mecanavi
Quick couplings	Poleoduto
Rail calmps	Tec tor
Reactors	Bardella, Delp Engenharia
Rectifiers	AMPE
Reducers	Schulz
Redundant control systems(RCS)	Ascoval
Regulators	bosch Rexrth, Recor, SMC Pneumaticos
Rescue boat davit	Mecanavi
Resorvoirs	SMC Pneumaticos
Resins	Escosan, Enmac
Registnces	Spectra
Risers	Cameron, Morganite
Round bars	Cabinox
Rudders systems	Navalsul
Scales	Mausa
Screens	SFAY
Serchlight	BKNAV
Separators	Ecosan, flowserve, Mausa
Servo motors	Bosch Rexroth
Sewage treatment plant	Escosan
Shaft	Friatec Brasil, lamiflex/Powerflex, Vulkan
Sight flow indicators	SFAY
Silos	SCS
Simplex strainers	SFAY
Simulators	Specra

Skidding system	bosch Rexroth, delp Engenharia
Sludge system treatment	Alfa Laval
Soft –starters	Danfoss, WEG Engenharia
Soquet	BKNAV
Sound modules and systems	Spectra
Spaces	SFAY
Sphere	SMV
Spiral Box	Delp Engenharia
Square bars	Carbinox
Stacker reclaimer	Delp Engenharia
Stacs	SCS
Steel structures	Techlabor, usiminas mecanica, V&M do Brasil
Steam and compressed air traps	ASCA
Steel castings	Navalsul, Vecom Brasil
Steering gear	Strauhs
Storage crane	Mecanavi
Subsea equipment	Delp engenharia
Subsea processing	Cameron
Supports	Union Americana, utilinox/Fechometal
Suppression and chemical/mechanical insulation	BS&B
Suspension of housing modules	Vibtech Industrial
Suspension of main engines	Vibtech Industrial
Switchboard	AMPE
Switches	Ascoval, bosch Rexroth, Record, SMC Pneumaticos,
Synchronous/assynchronous motors	GE Energy/Gevisa, WEG Engenharia
Systems for product development and testing	Brastech
Tanks	SCS
Tapes	Juntas Brasil
Template	Cameron

Terminal blocks	Conexel
Terminao insulation	juntas BrasilMorganite
Thermometers	Record
Timers	Conexel
Tools	Conexel, Utilinox/Fechometal
Torpedo anchors	Techlabor
Torque limiters	Tec Tor
Towers process	Bardella, SCS
Towing and mooring winches	Navalsul
TPI style water/oil separators	Ecosan
Transfer cars	IASA
Treatment and processing systems	Alfa Lval, Camron, Escoan
Trees	Cameron, Micromazzal
Tromba loading and unloading	Juntas Brasil Carbinox, Navalsul, Poleoduto, V&Mnloading do Brasil
Tubes	Bosch Rexroth, Carbinox, Navalsul, Poleoduto, V&M do Brasil
Tug boat	Cummings
Tugger winches	
Turbine	Lamiflex/Powerflex
Turbocompressors	lamiflex/Powerflex
Upholstery	SCA
Valves	ASCA, Ascoval, Bosch Rexroth, Braycontrols, BS&B, Cameron, Delp engenharia, Flowserve, Friatec Brasil, Grupo interative, Iasa, Ibray, KSB Valves, Metal Work, Metalurgica SCAI, Micromazza, Neway, PWR Mission Ind.MEC, SMC neumaticos
Variable Frequency drives	WEG Equipamentos
Ventilation	IASA
Water reuse systems	Ecosan
Water oil separators	Bardella, Ecosan, Sasakura
Welded pipes	Carbinox, Tenarisconfab, Schulz
Welding and cutting torches	Record
Wellheads	Cameron

Wheels	IASA, Tec Tor
Winches	Strauhs, Mekanavi, Navalsul
Wind towers	SCS
Windlass	navalsul
Wire reel	Mekanavi
Wooden or steel furniture	SCA

### 資料 3 ブラジルの主要河川輸送企業リスト

企業名	船種	
<a href="#"><u>1. AGEMAR TRANSPORTES E EMPREENDIMENTOS LTDA</u></a>	Cabotage up to 1000TPB	1000DWT 以下の操業 許可取得（以下同様）
<a href="#"><u>2. AGS FRETES MARÍTIMOS LTDA EPP</u></a>	Cabotage up to 1000TPB	1000DWT 以下
<a href="#"><u>3. ALFAMARES TRANSPORTES APOIO MARITIMO E PORTUARIO LTDA EPP</u></a>	Cabotage up to1000TPB	1000DWT 以下
<a href="#"><u>4. ALIANÇA NAVEGAÇÃO E LOGÍSTICA LTDA.</u></a>	Cabotage	
<a href="#"><u>5. ATALAIÁ TRANSPORTE MARÍTIMO LTDA - EPP</u></a>	Cabotage Cabotage up to 1000TPB	1000DWT 以下
<a href="#"><u>6. BURRA LEITEIRA TRANSPORTE MARÍTIMO LTDA. EPP</u></a>	Cabotage Cabotage up to 1000TPB	1000DWT 以下
<a href="#"><u>7. COMPANHIA DE NAVEGAÇÃO NORSUL</u></a>	Cabotage	
<a href="#"><u>8. COMPANHIA LIBRA DE NAVEGAÇÃO</u></a>	Cabotage	
<a href="#"><u>9. CONTAINER TRANSPORTES MARÍTIMOS LTDA</u></a>	Cabotage	
<a href="#"><u>10. EMPRESA DE NAVEGAÇÃO ELCANO S.A.</u></a>	Cabotage	
<a href="#"><u>11. FERTIMAR MINERAÇÃO E NAVEGAÇÃO LTDA</u></a>	Cabotage up to 1000TPB	1000DWT 以下
<a href="#"><u>12. FLUMAR TRANSPORTES DE QUIMICOS E GASES LTDA</u></a>	Cabotage	
<a href="#"><u>13. G. F. DE LIMA - TRANSPORTES MARÍTIMOS-ME</u></a>	Cabotage up to 1000TPB	1000DWT 以下
<a href="#"><u>14. GRANINTER TRANSPORTES MARÍTIMOS DE GRANÉIS S.A.</u></a>	Cabotage	



<a href="#"><u>15. GUINMAR SERVIÇOS MARÍTIMOS LTDA - ME</u></a>	Cabotage up to 1000TPB	1000DWT 以下
<a href="#"><u>16. H. DANTAS - COMÉRCIO, NAVEGAÇÃO E INDÚSTRIAS LTDA</u></a>	Cabotage	
<a href="#"><u>17. HIDRONAVE SOUTH AMERICAN LOGISTICS S/A</u></a>	Cabotage	
<a href="#"><u>18. IN COMPANY SOLUÇÕES LOGÍSTICAS LTDA</u></a>	Cabotagem up to 1000TPB	1000DWT 以下
<a href="#"><u>19. JAQUELINE SEGUNDO EMPREENDIMENTOS E TRANSPORTE LTDA-ME</u></a>	Cabotagem up to 1000TPB	
<a href="#"><u>20. LOCAR GUINDASTES E TRANSPORTES INTERMODAIS S.A.</u></a>	Cabotage	
<a href="#"><u>21. LOG-IN LOGÍSTICA INTERMODAL S/A</u></a>	Cabotage	
<a href="#"><u>22. LYRA NAVEGAÇÃO MARÍTIMA LTDA</u></a>	Cabotage	
<a href="#"><u>23. MARCIA DOMINGOS DOS SANTOS LEANDRO - EPP</u></a>	Cabotage up to 1000TPB	1000DWT 以下
<a href="#"><u>24. MARFORT SERVIÇOS MARÍTIMOS LTDA.</u></a>	Cabotage	
<a href="#"><u>25. MARTIN LEME SERVIÇOS LTDA</u></a>	Cabotage	
<a href="#"><u>26. MERCOSUL LINE NAVEGAÇÃO E LOGÍSTICA LTDA</u></a>	Cabotage	
<a href="#"><u>27. MS OPERADORA, RECEPTIVO, TURISMO E EVENTOS LTDA ME</u></a>	Cabotage Cabotage up to 1000TPB	1000DWT 以下
<a href="#"><u>28. NORSULMAX NAVEGAÇÃO S.A.</u></a>	Cabotage	
<a href="#"><u>29. NTL - NAVEGAÇÃO E LOGÍSTICA S/A</u></a>	Cabotage	
<a href="#"><u>30. PANCOAST NAVEGAÇÃO LTDA.</u></a>	Cabotage	
<a href="#"><u>31. PAOLO GARABUGGIO</u></a>	Cabotage up to 1000TPB	1000DWT 以下

<a href="#"><u>32. PETROBRAS TRANSPORTE S.A. - TRANSPETRO</u></a>	Cabotage	
<a href="#"><u>33. PETRÓLEO BRASILEIRO S.A - PETROBRAS</u></a>	Cabotage	
<a href="#"><u>34. POSIDONIA SERVIÇOS MARÍTIMOS LTDA</u></a>	Cabotage	
<a href="#"><u>35. RABO DE PEIXE TRANSPORTES. SERVIÇOS MARÍTIMOS E EMPREENDIMENTOS TURÍSTICOS LTDA</u></a>	Cabotage	
<a href="#"><u>36. RADIANCE OFFSHORE NAVEGAÇÃO (ALAGOAS) LTDA.</u></a>	Cabotage	
<a href="#"><u>37. SELA GINETA LTDA.</u></a>	Cabotage up to 1000TPB	1000DWT 以下
<a href="#"><u>38. SUPERPESA CIA DE TRANSPORTES ESPECIAIS E INTERMODAIS</u></a>	Cabotage	
<a href="#"><u>39. TRANSHIP TRANSPORTES MARÍTIMOS LTDA</u></a>	Cabotage	
<a href="#"><u>40. TRANSNAVE NAVEGAÇÃO S/A</u></a>	Cabotage	
<a href="#"><u>41. VESSEL-LOG COMPANHIA BRASILEIRA DE NAVEGAÇÃO E LOGÍSTICA S/A.</u></a>	Cabotage	
<a href="#"><u>42. ZEMAX LOG SOLUÇÕES MARÍTIMAS LTDA</u></a>	Cabotage	

## 資料 4 アルゼンチンの主な海事関連企業

企業名	住所
ANTARES NAVIERA S.A.	Edificio Torre Bouchard 547, Piso 21, C1106ABG Buenos Aires, Argentina +54 11 43178400   <a href="mailto:info@antaresnav.com.ar">info@antaresnav.com.ar</a> <a href="http://www.antaresnaviera.com">www.antaresnaviera.com</a>
BUQUEBUS INTERNATIONAL LIMITED	Avenida Pedro de Mendoza Esquina Brasil 20/90, 1156 Buenos Aires, Argentina +54 11 4316 6466 Pedro de Mendoza 20/90, 1156 Buenos Aires, Argentina
BUQUEBUS S.A.	+54 11 4316 6500   <a href="mailto:atclientes@buquebus.com">atclientes@buquebus.com</a> <a href="http://www.agencias.buquebus.com">www.agencias.buquebus.com</a>
ESTREMAR S.A.	Alicia Moreau de Justo 840, P O Box 20, C11007 Buenos Aires, Argentina +54 11 4343 2673
FORWARDING S.A.	Oficina A, Piso 7, Avenida Cordoba 669, Buenos Aires, Argentina
INTERNATIONAL REEFER SERVICES S.A.	Office 315, 3rd Floor, Esmeralda 740, Buenos Aires, Argentina +54 11 43934071
MAGIC LINE MAR DE LAS PALMAS S.A.	South Basin, West Riverside, Buenos Aires, Argentina Avenida Belgrano 920, 1 Piso, C1092 Buenos Aires, Argentina
MARPACIFICO S.A.	Rufino Ortega N 128, 5500 Mendoza, Argentina +54 261 4380 519   <a href="mailto:guillermo.cruzado@marpacifico.com">guillermo.cruzado@marpacifico.com</a>
NATIONAL SHIPPING CORPORATION	National Shipping SA, Carlos Pelegrini, Piso 7, Buenos Aires, Argentina +54 11 5281 0600   <a href="mailto:arapela@nship.com.ar">arapela@nship.com.ar</a> <a href="http://www.nship.com.ar">www.nship.com.ar</a>
NAVIERA SUR PETROLERA S.A.	Avenida Rivadavia 869, 2 piso, 1002 Buenos Aires, Argentina +54 11 43452162/3
PESCAPUERTA ARGENTINA S.A.	Parque Industrial Pesquero, Maz.9 Parc.1, 9120 Puerto Madryn, Chubut Province, Argentina +54 2965 451299   <a href="mailto:pescapuerta@pescapuerta.com.ar">pescapuerta@pescapuerta.com.ar</a> <a href="http://www.pescapuerta.com.ar">www.pescapuerta.com.ar</a>

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+54 11 4815 2064 | [segmar@segmar.com.ar](mailto:segmar@segmar.com.ar)

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+54 11 43145110  
Avenida Leandro N. Alem 986, Piso 3, 1001 Buenos  
Aires, Argentina

UABL S.A.                            +54 11 48750408 | [lhoskinson@ultrapetrol.net](mailto:lhoskinson@ultrapetrol.net)  
[www.ultrapetrol.net](http://www.ultrapetrol.net)

ULTRAPETROL S.A.                11th Floor, Avenida Leandro N. Alem 986, 1001  
Buenos Aires, Argentina  
+54 11 48750400 | [chartering@ultrapetrol.com.ar](mailto:chartering@ultrapetrol.com.ar)

## 資料 5 チリの海事産業企業リスト

No	企業名	業種	場所（市）
1	Ultratug Remolcadores Ltda	Owner, Manager	Las Condes
2	Nisa Navegacion AS	Owner, Manager	Las Condes
3	CSAV	Owner, Manager	Valparaiso
4	Chilena Transmares	Owner, Manager	Las Condes
5	Chilena Interoceanica	Owner, Manager	Santiago
6	NACHIPA	Owner, Manager	Valparaiso
7	Sur Empresa	Owner, Manager	Valparaiso
8	SONAP	Owner, Manager	Las Condes
9	ECLAC	Maritime Organization	Santiago
10	ASMAR Shipbuilding & Ship Rep	Shipbuilder, Repairer	Valparaiso
11	ASMAR Talcahuano Yard	Shipbuilder, Repairer	Talcahuano
12	ASMAR-Valparaiso	Shipbuilder, Repairer	Valparaiso
13	Southern Shipmanagement Chile	Owner, Manager	Valparaiso
14	SOCIBER	Port Service	Valparaiso
15	Hempel (Chile) Ltd	Marine Equipment	Valparaiso
16	IPEN – Chile	Maritime Organization	Valparaiso
17	Cross Pacific Chartering Ltd	Ship Broker	Santiago
18	Transmarine Ltd	Marine Equipment	Valparaiso
19	Southern Cross Chartering	Ship Broker	Santiago
20	Universal Chtg (UNICHART)	Ship Broker	Santiago
21	Broom Y Cia SAC, A J	Ship Broker	Valparaiso
22	ASENAV	Shipbuilder, Repairer	Santiago
23	Jorpol	Port Agent	Coquimbo
24	Ultramar Agencies Maritima	Port Agent	Santiago
25	De Punta Arenas AS	Port Agent	Punta Arenas
26	Lirquen SA, Puerto de	Port Authority	Concepcion
27	CODELCO – Chile	Port Authority	Santiago
28	Agencias Universales AS	Port Agent	Antofagasta
29	Ultramar Ltda	Port Agent	Arica

30	Chile Govt Armada	Owner, Manager	Valparaiso
31	SAAM – HO	Towage, Salvage	Valparaiso
32	Valparaiso, Empresa Portuaria	Port Authority	Valparaiso
33	SAAM – Iquique	Port Agent	Iquique
34	Talcahuano San Vicente, Empr	Port Authority	Talcahuano
35	SGS Chile Ltda	Consultants, Surveyors	Santiago
36	Patillos Cove Port Authority	Port Authority	Iquique
37	Lloyd's Register - Valparaiso	Maritime Organization	Valparaiso
38	Lloyd's Register - Talcahuano	Maritime Organization	Talcahuano
39	SONACOL AS	Owner, Manager	Vina del Mar
40	Skorprios Naviera Y Turismo	Owner, Manager	Puerto Montt
41	Lauritzencool (Chile)	Owner, Manager	Santiago
42	ABS Americas – Valparaiso	Maritime Organisation	Valparaiso
43	Marco Ind	Marine Equipment	Renca
44	I Systems Ltda	Marine Equipment	Santiago
45	Humboldt Administradora	Owner, Manager	Valparaiso
46	Wartsila Chile Ltda	Marine Equipment	Conchale
47	SAAM – Arica	Towage, Salvage	Arica
48	SAAM – Iquique	Towage, Salvage	Iquique
49	SAAM – Antofagasta	Port Agent	Antofagasta
50	SAAM – Coquimbo	Towage, Salvage	Coquimbo
51	SAAM – Quintero	Towage, Salvage	Quintero
52	SAAM – Valparaiso	Towage, Salvage	Valparaiso
53	SAAM - San Antonio	Towage, Salvage	San Antonio
54	SAAM - Puerto Chacabuco	Towage, Salvage	Puerto Chacabuco
55	SAAM - Punta Arenas	Towage, Salvage	Punta Arenas
56	Asmarti Asesoria Maritima	Owner, Manager	Valparaiso
57	Arica, Empresa Portuaria	Port Authority	Arica
58	Coquimbo, Empresa Portuaria	Port Authority	Coquimbo
59	Chanaral Port Authority	Port Authority	Chanaral
60	Guayacan Port Authority	Port Authority	Guayacan
61	Orion Servicios Mercantiles	Port Service	Punta Arenas
62	Transuniversales	Port Service	Punta Arenas
63	Ultraport	Port Service	Punta Arenas
64	Minera del Pacifico, Compagnia	Port Service	La Serena

65	Carbonifera Schwager SA	Port Authority	Coronel
66	Empresa Porturaria Antofagasta	Port Authority	Antofagasta
67	Agemar SA - Puerto Montt	Port Agent	Puerto Montt
68	Agencias Universales-Valparais	Port Agent	Valparaiso
69	Agencias Universales-Puerto Mo	Port Agent	Puerto Montt
70	Astilleros Tenglo Ltda	Port Service	Puerto Montt
71	Castro Port Authority	Port Authority	Castro
72	Empresa Portuaria Chacabuco	Port Authority	Puerto Chacabuco
73	Compania Sidegurica Huachipato	Port Authority	Isla Guarello
74	Easter Island Port Authority	Port Authority	Isla de Pascua
75	Empresa Portuaria de Chile	Port Authority	Antofagasta
76	Puerto Montt, Empresa Portuaria	Port Authority	Puerto Montt
77	Empresa Portuaria Iquique	Port Authority	Iquique
78	Punta Arenas, Admin Portuaria	Port Authority	Punta Arenas
79	Gobernacion Maritima	Port Authority	Caldera
80	Gobernador Maritimo de Hanga	Port Service	Isle de Pascua
81	Maestranza Vic-Mar	Port Service	San Antonio
82	Naviera Andes SA	Port Service	Punta Arenas
83	Mejillones Port Authority	Port Authority	Santiago
84	Quellon Port Authority	Port Authority	Punta Arenas
85	Quemchi Port Authority	Port Authority	Puerto Natales
86	Quintero Port Authority	Port Authority	Quintero
87	Taltal Port Authority	Port Authority	Taltal
88	Tocopilla Port Authority	Port Authority	Tocopilla
89	Valdivia Port Authority	Port Authority	Santiago
90	Port Williams Port Authority	Port Authority	Punta Arenas
91	SAAM - Coquimbo	Port Agent	Coquimbo
92	Shell (South America) - Chile	Bunkerer	Punta Arenas
93	Broom Y Cia - Puerto Montt	Port Agent	Puerto Montt
94	SAAM - Puerto Montt	Port Agent	Puerto Montt
95	Transmarchilay SA	Port Agent	Puerto Montt
96	Saybolt Chile	Consultants, Surveyors	Providencia

97	Industrias Ceresita SA	Marine Equipment	Santiago
98	Astilleros y Servicios (Sy)	Shipbuilder, Repairer	Valdivia
99	Puerto de Huasco	Port Authority	Huasco
100	Pronautica	Marine Equipment	Santiago



## 資料 6 ウルグアイの造船関連企業

企業名	補足
Tsakos Industrias Navales S.A. Navy, SCRA-Servicio de Construcciones, Reparaciones y Armamento de la Armada	造船、修繕 Montevideo 在 1874 創業 ドライドック Punta de Lobos 在
Navy, SCRA-Servicio de Construcciones, Reparaciones y Armamento de la Armada	1872 創業 ドライドック Montevideo
Astilleros Krause	Montevideo
Astilleros Nereus	Montevideo
RIN S.A.	修繕 Montevideo
Astillero Nitromar S.A.-Cruz del sur Industrias Navales	修繕 Montevideo
Metalizora Uruguay S.A. MUSA	修繕 Montevideo
Leoner S.A. Taller Naval	修繕 Montevideo
Belmore S.R.L. Taller Naval	修繕 Montevideo
Temsi S.R.L.	修繕 Montevideo
Belnova S.A. Taller Naval	修繕 Montevideo
Metalock Uruguay S.A.	修繕 Montevideo
Metaldis S.R.L. Taller Naval	修繕 Montevideo
Aeromarine S.A.	修繕、通信機、電装品 Montevideo
Ingenal S.A.	修繕 Montevideo
Astilleros Rosendo s.r.l.	修繕 Montevideo Montevideo
Peace Shipbuilding	N/A
Kambara Uruguay S.A.	N/A Pajas Blancas
Astilleros Santa Lucia	修繕 San Jose
Astillero Sioux	修繕 Salto
Rio de la Plata Marine	造船 Colonia
SNAC	N/A Carmelo-Cow's River

## 資料 7 ペルーの海事関連企業

企業名	
APOLLO SERVICE COMPANY	JR Libertad #159, Callao 01, Peru +51 1 429 5565 apollo-callao@terra.com.pe
Corporacion Mara S.A. (Licensee)	Jr. Perseo 251, La Campina Chorrillos Lima
Wartsila Peru S.A.C.	Wartsila Peru S.A.C. Pasaje Mártir Olaya 129 Centro Empresarial José Pardo Torre "A" - P Iso 11 - Oficina 1101 Miraflores
Geo Supply Peru S.A.C	Calle Monte Rosa N 168, Oficina 10 Santiago de Surco Lima
Zeus Maritime S.R.L. Shipping Agency & Brokering	Av. Manco Capac 126 - 130 Callao
Trabajos Maritimos S.A. (TRAMARSA)	Malecon Velarde 103-110, Salaverry
Clever Shipping SAC	Calle Carlos Gonzales 267 San Miguel Lima
Diesel Stoller	Jr San Francisco 182-184 Lima, Lima
Latin American Shipping Agencies - LASA	Calle Francisco Masias 544 Piso 13 Lima, San Isidro Lima 27
North Pacific Ship Supplier SRL.	Agustin Tobar 569 La Punta
Pharos Ship Supply	Jr Espana 925 Laperla Alta Callao
Harbor Ship Suppliers SAC	Av. Eduardo de Habich 106 Ingenieria San Martin de Porres

LIMRA Shipping Services	Calle Badajoz N 120 Of 201 Urb.Javier Prado V.Etapa. San Luisx Lima
Acropolis Hellas Eirl	Manco Capac 126 2° Floor Off. 07 Callao Lima
Sergen S.R.L. Ship Chandlers	Av Tacna 650 San Miguel Lima, San Miguel
Seaworld Ship Supplier SAC	Urb. San Francisco de Cayran E-23 Lima, San martin de porres 511