

Manager Petroleum Regulation,
Minerals and Petroleum Regulation Unit,
Level 8, 250 Victoria Parade,
East Melbourne, Victoria, 3002

APPLICATION FOR APPROVAL TO CONDUCT A GEOPHYSICAL SURVEY (Offshore)

1. Tenement Number

VIC/P47

2. Titleholder (Operator)

Company

Bass Strait Oil Company Ltd

Phone

03 9614 0426

Fax

03 9629 6278

Postal Address

Level 25, 500 Collins Street

Suburb

MELBOURNE

State

VIC

Postcode

3000

3. Contact person regarding this application

Name

IAN REID

Position Held

GENERAL MANAGER EXPLORATION

Phone

03 9614 0426

Fax

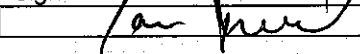
03 9629 6278

E-mail

ian.reid@bassoil.com.au

4. Signature of applicant or agent (Agent should demonstrate proof of authority)

Sign



Date

10th November 2004

5. Details of survey

Survey Name

GAP04A

Application for Access Authority

ATTACHED

Prime Survey

MOBY 3D SEISMIC

Secondary Survey

Technique

REFLECTION/TOWED ARRAY

Energy source

COMPRESSED AIR SOURCE

Proposed Line km or km²

245 km²

Estimated cost (\$A)

2.5 m

Scheduled commencement date

December 15, 2004

Estimated duration

10 days

Object of survey (attach statement if insufficient space)

To delineate the extent of the hydrocarbons encountered in the Moby-1 well drilled in October 2004 by Bass Strait Oil Company Ltd, east of the producing Patricia / Baleen Fields.
The survey will be used to map the identified reservoirs calibrated to the well and the amplitude anomaly on seismic to determine the full extent of this prospective resource over the Moby Structure.

6. Contractor

Company

WesternGeco (A) Pty Ltd

Postal Address

GPO Box 2763, Perth

State

WA

Postcode

6001

Phone

08 9420 4801

Fax

08 9420 4600

Name of vessel

Western Trident

Port from which the vessel will operate

Portland

Navigational system

SDGPS

Technical details of vessel attached

(if not previously supplied)

VESSEL SPECIFICATIONS M/V WESTERN TRIDENT



WesternGeco reserves the right to alter specifications without prior notice.

Maritime Specifications / Particulars

Main Particulars

Ships Name	Western Trident
Call Sign	3FE09 (Three, Foxtrot, Echo Zero, Nine)
International Maritime Org. (Imo) No.	9187502
Owner	Seismic Shipping INC
Previous Name	N/A
Flag State & Port Of Registry	Panama, Panama
Panama Official No.	27927-Pext-2
Date Of Build	1-Mar-99
Yard No. And Type Of Vessel	Build 241, Type UT
Yard Built	Ulstein Shipyard, Ulsteinvik, Norway
Date Converted / Power Upgraded	11/2003 Monowing upgrade
Yard Converted	BMV Bergen
Classification Society And Class	DNV, +1A1, EO, HELDK, ICE-C
Class Id No.	20519
Classification Machinery System	PMS, CMS
Class Approved Maintenance System	TM-Master, Windows based
International Safety Management, (Ism) Code Compliance	DNV SMC. Valid until 05-Oct-06
Safe Manning Certificate (Minimum)	No.M3026 (10 crew)

Principal Particulars

Gross Tonnage (Grt)	8369
(Grt) National & International	8369
Gross Tonnage (Grt) Suez Canal	8862.6
Net. Reg.Ton (Nrt) Panama Canal	n/a
(Nrt) National & International	2511
Net. Reg. Ton (Nrt) Suez Canal	6913.12
Lightship Displacement	4667
Dead Weight	4568
Length Over All (Loa)	92.50m
Length Between Perpendiculars	80.10m
Breadth (Moulded)	23.00m
Breadth (Extreme)	25.00m
Depth (Moulded)	9.00m
Draft (Max)	7.30m (Summer)
Draft (Mean)	6.40m (Design)
Air Draft (To Highest Antenna)	32.70m (Summer draft)
Helicopter Deck Rating	Sikorsky S-61 / 9.3t Max
Helicopter Deck Diameter (D-Value)	22.80m
Helicopter Deck Markings Standard	CAA / CAP437 / BHAB

Capacities And Endurance's

Cable / Towpoints / Subarrays	TMS Solid / 16 Tow Points / 10 Sub arrays
Bollard Pull	142t x 100% power
Fresh Water Capacity	440 M³
Fresh Water Maker Production	2 x 12 tons / 24 Hrs.
Potable Water System	Evaporators, 2 x Alfa Laval De-Salt.
Fuel Capacity, All Tanks Topped	3550 M³
Fuel, Useful For 100 % Consumption	3250 M³
Fuel Type	Gas oil
Fuel Tank Heating	N/A
Lub. Oil, Engine Oil (M³)	30 M³
CYLINDER OIL, HP COMPRESSORS (M³)	7 M³ cylinder oil, 7 M³ screw compressor oil.
CABLE OIL, KEROSENE (Clean/Dirty)	11 M³ clean / 7 M³ dirty
BALLAST, SEA WATER (M³)	3150 M³
Speed, Transit, Max. In Calm Sea	15 Knots
Speed, Transit Economy, Ditto	12 Knots
Consumption Of Fuel , Full Speed	36 M³ / 24 Hrs
Consumption Of Fuel, Economy Speed	26 M³ / 24 Hrs
Operational Endurance	86 Days (+4 days safety)
Endurance Of Fuel During Survey	85 days, operating with 10 streamers
Consumption Of Fuel In Port	3 M³ / 24 Hrs
Safety Equipment Certificate	68 Persons

Bridge Navigation Equipment

Radar No 1	FURUNO FAR 2835S (s-band)
Radar No 2	FURUNO FAR 2825 (x-band)
Radar No 3	N/A
Ecdis	SIMRAD SPS COS-100
Gyro Compass	SIMRAD RGC 11
Auto Pilot	SIMRAD AP9 Mk3 / SJS500
	Joystick/Autotrack System
Gps Receiver	1 x FURUNO GP80
	1 x TRIMBLE NT300D
Speed Log	BEN ANTHEA Electro. Mag.

Echo Sounder
 Radio's, Vhf, Gmdss*, Type 1
 Radio's, Vhf, Gmdss*, Type 2
 Radio's, Vhf
 Radio's, Uhf
 Radio Direction Finder
 Weather Facsimile
 Navtex Receiver
 Ups, Power Supply To All GMDSS Radio's

SKIPPER GDS 101
 3 x SKANTI VHF 1000 DSC
 3 x NAVICO AXIS 250 (portable)
 6 x MOTOROLA GP340 (portable)
 1 x Motorola GM 300
 N/A
 FURUNO DFAX-208 Mk2
 ICS ELECTRONIC Nav5
 FN Electro Converter/Charger with lead acid battery back up.

Communication Equipment, Compliant With Gmdss Requirements

Radio Station Licence No.
 Class / Corr. Category
 Ship / Air Craft Radio
 Helicopter Beacon
 Automatic Identification System (AIS)
 Transmitter / Receiver, Main (Mf)
 Transmitter / Receiver, Reserve (Mf)
 Transmitter / Receiver, Main (Vhf)
 Transmitter / Receiver, Main (Dsc)

06-11-2003/1 Panama
 A1, A2, A3. GMDSS
 JOTRON TR-6101 (fixed) + Dittel FSG 5
 SAC DS410 (410 KHz. I.D. 'T R I D')

Ais. Automatic Identification System
 Radio, Portable, VHF

SKANTI TRP 8251D
 N/A
 3 x SKANTI VHF 1000 DSC
 SKANTI DSC9000 MF/HF DSC
 CONTROLLER/RECEIVER

Booster Unit For Portable Radio (Uhf)
 Emergency Radio Beacon (Epirb)
 Radar Transponder
 Radio, Lifeboat, Vhf

SKANTI UAIS 2100
 6 x MOTOROLA GP340
 4 x MOTOROLA GP328
 N/A
 JOTRON TRON 40S 406/121.5 MHz
 2 x JOTRON TRON SART 9 GHz
 3 x NAVICO AXIS 250 (portable)

Satellite Communications

MMSI Number
 Inmarsat Type B

357 270 000
 NERA SATURN B.
 Tel:335 726 910
 Fax:335 726 911
 Data9600: 335 726 912
 2 x SKANTI CAPSAT 435 726 910 and 920
 44-207 576 6870
 1-713 296 5370
 SAME AS V-SAT THEN TRANSFERRED
 Eudora, Ethernet
 captain@trident.vessel.int.slb.com

Inmarsat Type C
 V-Sat Uk
 V-Sat Usa
 Telefax Machine
 Internal E-Mail & Pc-Network
 E-Mail Address To Vessel

Safety Equipment Crew

Lifeboat Type / Capacity/ No. Of Boats
 Engine, Lifeboat
 Liferafts Type /Capacity

2 x Norsafe 70 Pers each.
 Sabb type 4L 186 LB
 Viking, 4 x 25 Pers and 2 x 20 Pers.
 + 1 MOB raft x 6 Pax
 6 rafts total. + 1 MOB
 142 (Seamaster-1983)
 68 (Koppernaes)
 30 x 'Mustang' + 10 'Aqua' Dry suits.
 Norsafe Magnum, 7.5 mtr.
 Yanmar 4LH-STE 4 Cyl. Turbo. Appr. 25

Number Of Life Rafts
 Lifejackets Nos.
 Survival Suits, Thermo Insulated
 Working Suits, Thermo Insulated
 Man Overboard Boat (Mob) Type
 Engine, Mob And Speed Of Boat

Waterjet And Gear Drive, Mob
 Work Boats
 Engine Work Boat And Speed Of Boat

knots
 Hamilton 212 water jet, ZF Hurth gear,
 HSW 630
 CMV AND 25 FOOT NORPOWER
 WORKBOAT
 CMV 2 X Mermaid Turbo-Four II engines
 20Kn. Norpower NOGVA/CUMMINS type
 6BT5.9M 210HP Speed 15Kn

Fixed Fire Extinguisher System

Engine Room
 Separator Room
 Incinerator Room / Galley Ducting
 Tape Store
 Cable Store
 Steamer Winch Room
 Helicopter Deck
 Paint Store
 Chemical Store
 Main Foam Pump, Afff Foam Mixture
 Main Fire Pump
 Water Spray Pumps For Streamers
 Emergency Fire Pump
 Fire Detection Monitoring System

Inergen, Zenith Electro. 103 pcs.
 Bottles w/volume 50 ltr Pressure: 300 bar
 N/A
 Inc. Room: Inergen. / Galley: CO²
 Inergen, Zenith Electro
 N/A
 Streamers covered by fixed water fog
 system.
 AFFF 3%. Two Unitor FJM 80 foam
 monitors
 Fixed water fog system.
 N/A
 7.5 M³/h, 11 Bar, Grundfoss CR8-100/9. 3%
 mix.
 1xAllweiler NB 40-200/01/194,
 50 M³/h at 7 Bar.
 1x Allweiler NAM 80-250/01/208,
 170M³/h at 8 Bar
 2 x Allweiler NAM 125-315/01/326,
 240M³/h at 5 Bar
 1xAllweiler NB 40-200/01/189,
 40 M³/h at 7 Bar.
 1 x SERVOTEKNIK BMS-904

Hull Outfitting

Anchor
 Windlass
 Mooring Winches
 Capstan No 1
 Capstan No 2
 Decks Crane 1, Capacity/Reach/Location
 Decks Crane 2, Capacity/Reach/Location
 Decks Crane 3, Capacity/Reach/Location
 Decks Crane 4, Capacity/Reach/Location
 Anti Rolling Damping System
 Heeling Tanks, Volume And Fuel/Fw/Sw
 BUNKER CONNECTIONS, Locations

Maker: ABB Zamech Ltd. Type: SPEC 4320
 1 x 4340 Kgs + 1 x 4320 Kgs
 1 x Ulstein Brattvaag BFM 22U.050, low
 pressure hydraulic (40 Bar)
 N/A
 2 x ODIM Type: 3M3117/OCF801
 (Gun deck)
 N/A
 1 x Norlift GPFO 250 0814, D-deck Port,
 frame 36. Max. lift 8 tons
 1 x Norlift GPFO 250 0814, D-deck Stbd,
 frame 36. Max. lift 8 tons
 HYDRALIFT 1, KMCV 1400-6T (10M)
 RB600.
 N/A
 Ulstein Passive Stabilisation System
 Tk.No.8 Roll Reduction Frd 398 M³
 Tk.No.37 Roll Reduction Aft 312 M³
 N/A
 1 x forecastledeck centre, frame 117,
 2 x main deck starboard and port side,

BUNKER CONNECTIONS, Type(S)

frame 57.

1 x 4" pipes w. standard flanges on
forecastle deck,
2 x 7" with std. flange on main deck.
One fitted with 3" camlock female.

BUNKER HOSE Length And Dimension (Loose)

N/A

Crew Accommodation, No Of Bunks

64 bunks

Single Berths Cabins

21

Double Berths Cabins

20

Client Cabins, Single Berths

3

Business Conference And Training Room

A-deck

Sauna And Fitness Room

A-deck

International Oil Pollution Prevention (IOPP) Equipment

Incinerator, Sludge And Waste Oil

Teamtec-Golar, OGS400C, 65 ltr IMO
sludge/h. Max 400 ltrs solid waste / charge.
World Water Systems, 2500 OCD, 2.5 M³/h,
through 15 ppm unit.

Bilge / Oily Water Separator

Bilge W.tank:14 M³.

Oily Water / Sludge Holding Tanks Cap.

Sludge/waste tk's.: 22 M³

Sewage Disposal Plant

Hamworthy Super Trident, ST6A. Macerate,
biological plant w. chem. Dosage facility.
Max. flow 15 M³/24 Hrs.

BOD5 6 Kg's/ 24 Hrs.

Oil Spill Absorbent / Damage Control

1 Set Oil Spill Kit inc. sorbent booms/pads,
granules & dispersant.

Machinery Equipment

Air Source, Hp Compressors

3 x LMF 57/138 - 207 - E60,
1 x LMF off-line compressor,
V17/5518-E60, 75 cfm.

Air Capacity, Each And Total (Cfm)

3 x 2000 cfm, total 6000 cfm

Hp Compressor Drive Motors

3 x ABB motors, AMA450 L6L BAFMH,
1 MW, voltage / freq. Controlled.

Main Engine Or Electric Prop. Motors

2 x Bergen Diesel BRM9, 5400 BHP each
(3975 Kw Ea)

Auxiliary Engines (Generator Drive)

2 x Caterpillar 3516 STD, 1.4 MW each.
440 V, 60 Hz

Redundancy Propulsion, Az-Thruster
Vessels Total Brake Hp / Kw For Prop.

N/A

10800 BHP, 7900 KW.

Main Engines, Power Supply

N/A

Propeller Type, Main Propulsion

2 x 4 blade CPP in nozzle, diam. 4.2 mtr,
125 rpm

PROPELLER And THRUSTER CONTROL

Ulstein-Liaaen electro / hydraulic control.

Propeller Blade, Spare

N/A

Generators / Alternators

2 x A.van Kaick shaft gen's, DSG 114 M1-
6W, 440V, 60 Hz, 3000 KVA each

El. Power, Useful, Out From M.S.Board

> 7000 KW

Ups Power To Instrument Room

1 x Siemens UPS Masterguard S5280, 73
KVA, 15 min. battery back-up.

Power Supply Instr.Room Back -Up

1 x Siemens UPS Masterguard S5280, 73
KVA, 15 min. battery back-up.

Emergency & Harbour Gen. Engine

1 x Caterpillar 3406 DITA, 345 KW

Emergency & Harbour Generator

1 x Caterpillar SR4-3450, 315 KW, 440V,
60 Hz

Fuel Back-Up System For Aux. Eng.
Cooling System For Aux. Engines

Bow Thruster

Stern Thruster

Fresh Water Generator (Fwg)

Boiler, Exhaust Gas & Oil Fired

Steering Gear

N/A

Independent FW cooling. 2 x Sondex FW /
SW coolers

Ulstein-Liaaen 800 TV, 1.1 MW, 440V, 60 Hz.

N/A

2 x Alfa Laval De-Salt. 12 T/24hrs each

1 x Pyro E 1130, 406 KW

2 x Ulstein Tenfjord, type SR662

Seismic Specifications

Main Particulars

Streamers

12

Tow Points

16

Sub Arrays

8

Energy Systems

Gun Controller (Type & Manufacturer)

Source Synchronizer System (SSS),
Input/Output

Guns (Manufacturer, Type & Capacities)

Input/Output, Sleeve-gun, type I, 40 cu. in.
and type IIB, 55 cu. in. to 150 cu. in.

Nominal Source Pressure

2000 psi

Pressure Release

Electro-magnetic solenoid, inertial poppet
and seat

Sensor Return

Inductive coil

Timing Resolution

0.1ms

Source

1 x 750 cu. in. compact sleeve gun source
per sub-array, 4 sub-arrays per source (3000
cu.in. each) using dual source configuration
6600 SCFM

Total Compressor Capacity

Compressors (Manufacturer & Capacity)

3 x LMF Compressors

Near Field Phone (Manufacturer & Type)

Input/Output 2933008 or AG Geophysical
800-05

Far Field Phone (Manufacturer & Type)

NA

Depth Indicators

AG Geophysical model AG 3303, 3 per sub-
array

Streamer Systems

Streamer (Manufacturer & Type)

Thompson Marconi, Sentry Solid Streamer
Monowing MKI and MKII

Streamer Deflector Type

60 kN

Section Breaking Strength (Typical)

1000-1818 kg

Typical Towed-streamer Stress

Streamer Capacity (Max)

Sentry Solid Streamer

72,000m

Streamers vs. Length (Max)

Sentry Solid Streamer

12 x 6,000m

Streamer Spread (Max spread Configuration)

1100m using Monowing (Presently capable
of 900M)

Streamer Control Device (Manufacturer & Type)

DigiCourse, 5011

Recording System (Manufacturer & Type)

Input/Output MSX 24A

Navigation Systems

Instrument Room Gyrocompass
(Manufacturer & Type)
Source Positioning System
(Manufacturer & Type)
Global Positioning System (GPS) Receivers
(Manufacturer & Type)

DGPS QC System (Manufacturer & Type)
Integrated Navigation System
(Manufacturer & Type)
3-D Quality Control System
(Manufacturer & Type)
3-D Binning System
Tail Buoy (TB)
Buoy (Manufacturer & Type)
TB Navigation (Manufacturer & Type)
Onboard TB Positioning (Manufacturer & Type)
Ultra-short Baseline (USBL) Acoustic Positioning
System (Manufacturer & Type)
Acoustic Positioning System
(Manufacturer & Type)
Current Profiler
(Manufacturer, Type & Frequency)
Temperature/Salinity Dip Profiler
(Manufacturer & Type)
Echo Sounder
(Manufacturer & Type)
Transducer Frequency & Theoretical Range

Transducer Draft

Sperry, MK227

WesternGeco, Posnet

1 x Fugro Starfix-Plus, dual frequency
2 x Trimble MS750, dual frequency
2 x Trimble 4000SSE, dual frequency
2 x C-Nav World DGPS.

TRINAV 2.6

TRINAV 2.6

TRINAV 2.6

TRINAV 2.6

T98

WesternGeco, Posnet Tailbuoy GPS Unit

WesternGeco, Posnet

NA

Digicourse, System 3

RDI, ADCP, 600kHz

1 x Sippican, Sippican

1 x Valeport, Mk600

Simrad, EA500

1 x 18 kHz to 8100m

1 x 200 kHz to 740m

-7.42m

Recording System

Format
Media
Device

4-byte SEG-D, demultiplexed data

IBM 3590 tape

EMASS Robotic tape library with 4 x 3590

IBM tape drives

Other Systems

Other Systems

MSX version 2.1 + PDL

CRS Continuous Recording System.

Allows acquisition to continue to record data
if tape drive(s) fail.

OYO, GS624

Single & Multi-trace Plotter
(Manufacturer & Type)

Onboard Seismic Qc

System
Software
Hardware

SeisView

Omega

1 x IBM p Series 640 Model B80 with

4 x processors

8 Gb Ram

54 Gb hard drive

Onboard Seismic Processing

System
Software
Hardware

Omega
Omega
32 x IBM SP-2 UNIX based super computer
nodes
2 x IBM p Series 640 Model B80 servers w/
5.2 Tbyte hard disk space
22 x 3590 IBM tape drives
5.2 Tbyte total hard disk space
EMASS Robotic tape library with 26 x 3590
IBM tape drives
OYO GS-636 Thermal Plotter

COMMONWEALTH OF AUSTRALIA

PETROLEUM (SUBMERGED LANDS) ACT 1967

**APPLICATION FOR ACCESS AUTHORITY
(Section 112)**

Name of applicant Bass Strait Oil Company

of Level 25, 500 Collins Street, Melbourne, Victoria 3000

being the permittee of Exploration Permit No. VIC/P 47 situated in the area specified as being adjacent to the State of **VICTORIA**, hereby apply for an ACCESS AUTHORITY in respect of Blocks Nos. tabled below:

<i>Applicants Permit/ SPA Licence No. from:</i>	<i>Permit/Licence No. Vacant Area to:</i>	<i>Registered Holders Names</i>	<i>Map Sheet Block No. (s)</i>
VIC/P 47	VIC/P 55	Santos Offshore Pty Ltd	Melbourne
		Basin Oil Pty Ltd	1784, 1785
		Trinity Energy Resources Inc	

This application is made in conjunction with the accompanying application for permission to conduct the GAP04A geophysical survey, which contains maps showing the proposed seismic lines and other relevant information.

Dated at Melbourne this ^{10th}..... day of November, 2004

MADE UNDER THE PETROLEUM (SUBMERGED LANDS) ACT 1967

Signed:


APPLICANT

To: Manager Petroleum Regulation,
Minerals and Petroleum Regulation Unit,
Level 8, 250 Victoria Parade,
East Melbourne, Victoria, 3002

COMMONWEALTH OF AUSTRALIA

PETROLEUM (SUBMERGED LANDS) ACT 1967

APPLICATION FOR ACCESS AUTHORITY (Section 112)

Name of applicant BASS STRAIT OIL COMPANY LTD

of Level 25, 500 Collins Street, Melbourne, Victoria 3000

being the permittee of Exploration Permit No. VIC/P 47 situated in the area specified as being adjacent to the State of VICTORIA, hereby apply for an ACCESS AUTHORITY in respect of Blocks Nos. tabled below:

<i>Applicants Permit/ SPA Licence No. from:</i>	<i>Permit/Licence No. Vacant Area to:</i>	<i>Registered Holders Names</i>	<i>Map Sheet Block No. (s)</i>
VIC/P 47	VIC/L 21	Santos Ltd	Melbourne
		Trinity Energy Resource Inc	1782
		OMV Timor Sea Pty Ltd	
		Basin Oil Pty Ltd	

This application is made in conjunction with the accompanying application for permission to conduct the GAP04A geophysical survey, which contains maps showing the proposed seismic lines and other relevant information.

Dated at Melbourne this ^{10th}..... day of November, 2004

MADE UNDER THE PETROLEUM (SUBMERGED LANDS) ACT 1967

Signed:


APPLICANT

To: Manager Petroleum Regulation,
Minerals and Petroleum Regulation Unit,
Level 8, 250 Victoria Parade,
East Melbourne, Victoria, 3002

COMMONWEALTH OF AUSTRALIA

PETROLEUM (SUBMERGED LANDS) ACT 1967

APPLICATION FOR ACCESS AUTHORITY (Section 112)

Name of applicant BASS STRAIT OIL COMPANY LTD

of Level 25, 500 Collins Street, Melbourne, Victoria 3000

being the permittee of Exploration Permit No. VIC/P 47 situated in the area specified as being adjacent to the State of **VICTORIA**, hereby apply for an ACCESS AUTHORITY in respect of Blocks Nos. tabled below:

<i>Applicants Permit/ SPA Licence No. from:</i>	<i>Permit/Licence No. Vacant Area to:</i>	<i>Registered Holders Name</i>	<i>Map Sheet Block No. (s)</i>
VIC/P 47	VIC/P 47 FO	Eagle Bay Resources NL	Melbourne
		Lakes Oil NL	1710
		Bass Strait Oil Trust	
		Gravity Capital	

This application is made in conjunction with the accompanying application for permission to conduct the GAP04A geophysical survey, which contains maps showing the proposed seismic lines and other relevant information.

Dated at Melbourne this ^{10th} 10th day of November, 2004

MADE UNDER THE PETROLEUM (SUBMERGED LANDS) ACT 1967

Signed:


APPLICANT

To: Manager Petroleum Regulation,
Minerals and Petroleum Regulation Unit,
Level 8, 250 Victoria Parade,
East Melbourne, Victoria, 3002