

Permit No: 4251

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

- White:** Original person seeking permit
- Pink:** Retain on bridge
- Yellow:** Chief Engineer/Control Room
- Blue:** Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P70
 Location of work on vessel: AGT Grinding Deck
 Date: 12/4/07
 Outside contractors
 Company: TAYLOR BROTHERS
 Contractors name: AARON WILSON STACEY SCREE
 Responsible person: _____

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

INSTALLING STORM COVERS HOT WORK WELDING

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level: _____
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____
 Testing time: _____ Date: _____

Flammable atmosphere (give % LEL)

- Testing time: _____ Date: _____
- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used. PORT ER FAN
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): DAVE HAROS
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area.

Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: A.T. Wilson

Permit Open (Time): 0821

Master/Chief Engineer/Mate: San C.

Date: 12-4-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: A.T. Wilson

Permit Close (Time): 1621

All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: San C.

Date: 12/4/07

Permit No: 4252

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P/O
 Location of work on vessel: Boothrooms
 Date: 24-04-07
 Outside contractors
 Company: _____
 Contractors name: TR
 Responsible person: Jack
Rally Brien

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Boothroom Renovation

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

Safe oxygen level: _____
 Testing time: _____ Date: _____

Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____

Testing time: _____ Date: _____

Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

Stand-by person(s) are (identify): _____

Alternative to stand-by (specify arrangements): _____

Communications arrangements: _____

Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____

Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or Helme/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: Rally Brien

Permit Open (Time): 0715

Master/Chief Engineer/Mate: Rally

Date: 24-04-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: Rally Brien

Permit Close (Time): 5:30 PM

All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: Rally

Date: 24-04-07

Permit No: 4253

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: S.S.V.
 Work requested by: P40
 Location of work on vessel: GREEN ROOM
 Date: 24/4/2007
 Outside contractors
 Company: T.G.E.S.
 Contractors name: T.G.E.S.
 Responsible person: PAULIE MARQUEZ

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

INSIDE AND OUTSIDE LIGHTS
2 LIGHTS

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level: _____
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____
 Testing time: _____ Date: _____

Flammable atmosphere (give % LEL)

- Testing time: _____ Date: _____
- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessels/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: WPE by contractor
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (ie required).

Responsible Person Signature: [Signature]

Permit Open (Time): 09:45

Master/Chief Engineer/Mate: [Signature]

Date: 24/4/2007

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: [Signature]

Permit Close (Time): 21:35

All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: _____

Date: 24/4/07

Permit No: 4254

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P/O
 Location of work on vessel: PORT SHIELDING DOCKS
 Date: 24/4/07
 Outside contractors
 Company: HEALTHY MARINE COATINGS
 Contractors name: WALTER SKOTTON
 Responsible person: ADAM SIZAKT

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

GRIND & PRIME STEEL SHEET PILING DOCKS

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space:

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measures ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____
 Permit Open (Time): 07:50
 Master/Chief Engineer/Mate: PJS
 Date: 24-04-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: _____
 Permit Close (Time): _____

All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: _____
 Date: 24-04-07

Permit No: 4255

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: 33
 Work requested by: C. GRANT
 Location of work on vessel: ACCOMMODATION, AC. 201
 Date: 24.4.07
 Outside contractors
 Company: TG
 Contractors name: C. GRANT
 Responsible person: C. GRANT

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

ELECTRICAL WIRING

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (W in details and results of the tests)

- Safe oxygen level: _____
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____
 Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____

Permit Open (Time): 08:00/15

Master/Chief Engineer/Mate: _____

Date: _____

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: _____

Permit Close (Time): 21:45

All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: _____

Date: 24.4.07

Permit No: 4256

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P+O
 Location of work on vessel: ER
 Date: 24-04-07
 Outside contractors: _____
 Company: Pirtek
 Contractors name: _____
 Responsible person: Nigel Pearson

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Flux boxes

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level:
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____

- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessels/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: [Signature]

Permit Open (Time): 0840

Master/Chief Engineer/Mate: [Signature]

Date: 24-04-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: [Signature]

Permit Close (Time): 10.58 AM

All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: [Signature]

Date: 24-04-07

Permit No: 4257

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution
White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SUNSHINE SUPPLY
 Work requested by: PAU CUBO
 Location of work on vessel: ALUMINIUM THERMIST
 Date: 29.09.07
 Outside contractors
 Company: KAPPA-2 AIR CONDITIONING
 Contractors name: REX BERRY / GUYE LONG
 Responsible person: _____

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

INSPECTION OF AIR FLOW THROUGH ALL
230KVS.

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (Nil in details and results of the tests)

Safe oxygen level: _____
 Testing time: _____ Date: _____

Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____
 Testing time: _____ Date: _____

Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measures ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: PPE IS THE RESPONSIBILITY OF CONTRACTOR
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____

Permit Open (Time): 1100

Master/Chief Engineer/Mate: PAU CUBO

Date: 29.09.07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: _____

Permit Close (Time): 1500

All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: PAU CUBO

Date: 29/09/07

Permit No: 4258

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
 Pink: Retain on bridge
 Yellow: Chief Engineer/Control Room
 Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P&O
 Location of work on vessel: Dry Store
 Date: 24-04-07
 Outside contractors
 Company: _____
 Contractors name: TB
 Responsible person: Rob Pyke
Stacy Cleo

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

+ Ballast Pipe Repairs

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (N in details and results of the tests)

- Safe oxygen level: _____
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

Zone 5

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: [Signature]
 Permit Open (Time): 14:00
 Master/Chief Engineer/Mate: [Signature]
 Date: 24-04-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: [Signature]
 Permit Close (Time): 16:00
 All personnel have exited confined spaces, ceased all hot work and equipment is safe to be tagged or has been tagged out and no personnel are working aloft, overboard.
 Master/Chief Engineer/Mate: [Signature]
 Date: 24-04-07

Permit No: 4259

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: S/SUBUCTIA
 Work requested by: PCC
 Location of work on vessel: SWIMMING PILES No 1 Pile
 Date: 24/4/07
 Outside contractors
 Company: TAYLOR BROS
 Contractors name: DAVID & BRADY
 Responsible person: DAVID

2. DESCRIPTION OF WORK TO BE UNDERTAKEN**3. CONFINED SPACE**

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
 Mechanical/electrical drives
 Sludges/deposits/waste
 Harmful materials
 Electrical services
 Warning notices, locks, or tags have been fitted to means of isolation
 Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
 Ventilation of space
 Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level: 18.5% O₂
 Testing time: 1600 HRS Date: 24/4/07
 Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
 Continuous monitoring for atmosphere contaminants required
 Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
 With an air purifying (non air-supplied) respiratory protective device.
 Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
 A water hose run to job site and tested.
 Welding machine earthed directly to equipment being welded as close to the welding point as possible.
 Power leads not draped across pipelines or access ways.
 Electrical trace on pipes located. Hot work is/is not permissible inside this space.
 Coatings stripped to minimise fire risks.
 Need for firewatcher.
 Portable fire extinguisher at hand.
 Any J.S.A. identified and observed.
 Adjacent spaces checked.
 Isolate fire zones (if applicable).
 Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
 J.S.A. followed (if applicable).
 Other personnel verbally advised.
 Other hazards identified and isolated.
 All moving machinery close to work area shut down or safeguarded.
 Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
 Any electrical or other hazards identified.
 Portable power leads/equipment safe to use.
 Isolate and tag radar/satellite communications.
 J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS**a) USE OF CHEMICAL AGENTS (Details to be completed)**

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): DAVID & BRADY
 Alternative to stand-by (specify arrangements): _____
 Communications arrangements: VHF

- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
 Special precautions (ie vessels/contractors equipment): _____
 Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
 Air purifying respiratory protective devices: _____
 Safety harness and/or safety line or lifeline/rescue line: _____
 Eye protectors: _____
 Hand protection: _____
 Safety boots: _____
 Protective clothing: _____
 Hearing protectors: _____
 Safety helmets: _____
 Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____

Permit Open (Time): 1500 HRSMaster/Chief-Engineer/Mate: T. S. H.Date: 24/4/07**9. WORK COMPLETED/SUSPENDED**

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: _____

Permit Close (Time): 1600-300

All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: 73/9021Date: 24/4/07

Permit No: 4260

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: PO
 Location of work on vessel: AC PLAT - 5000 G-11
 Date: 20-11-07
 Outside contractors
 Company: Taylor's
 Contractors name: _____
 Responsible person: Alan Sward

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Grounding - welding

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
 Mechanical/electrical drives
 Sludges/deposits/waste
 Harmful materials
 Electrical services
 Warning notices, locks, or tags have been fitted to means of isolation
 Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
 Ventilation of space
 Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level: _____
 Testing time: _____ Date: _____

- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____
 Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required

- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
 With an air purifying (non air-supplied) respiratory protective device.
 Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
 A water hose run to job site and tested.
 Welding machine earthed directly to equipment being welded as close to the welding point as possible.
 Power leads not draped across pipelines or access ways.
 Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
 Coatings stripped to minimise fire risks.
 Need for firewatcher.
 Portable fire extinguisher at hand.
 Any J.S.A. identified and observed.
 Adjacent spaces checked.
 Isolate fire zones (if applicable).
 Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
 J.S.A. followed (if applicable).
 Other personnel verbally advised.
 Other hazards identified and isolated.
 All moving machinery close to work area shut down or safeguarded.
 Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
 Any electrical or other hazards identified.
 Portable power leads/equipment safe to use.
 Isolate and tag radar/satellite communications.
 J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS**a) USE OF CHEMICAL AGENTS** (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): Alan Sward
 Alternative to stand-by (specify arrangements): _____
 Communications arrangements: _____
 Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
 Special precautions (ie vessel's/contractors equipment) _____
 Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT Supplied by Contractor

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
 Air purifying respiratory protective devices: _____
 Safety harness and/or safety line or lifeline/rescue line: _____
 Eye protectors: _____
 Hand protection: _____
 Safety boots: _____
 Protective clothing: _____
 Hearing protectors: _____
 Safety helmets: _____
 Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____

Permit Open (Time): 16:16Master/Chief Engineer/Mate: SwardDate: 20-11-07**9. WORK COMPLETED/SUSPENDED**

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: _____

Permit Close (Time): 17:20

All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: _____

Date: _____

Permit No: 4261

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

- White:** Original person seeking permit
- Pink:** Retain on bridge
- Yellow:** Chief Engineer/Control Room
- Blue:** Master copy book

1. DETAILS

Vessel's name: 55V
 Work requested by: RO
 Location of work on vessel: 4/E
 Date: 25-4-07
 Outside contractors
 Company: Tagliero
 Contractors name: Rosa
 Responsible person: _____

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Grounding + Tagging work on 4/E

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level:
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn. (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____
 Permit Open (Time): 0702
 Master/Chief Engineer/Date: _____
 Date: 25-4-07

9. WORK COMPLETED/SUSPENDED

All persons have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: _____
 Permit Close (Time): 1522
 All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.
 Master/Chief Engineer/Date: _____
 Date: 25/04/07

Permit No: 4262

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: Raj
 Location of work on vessel: Platform
 Date: 24/1/07
 Outside contractors
 Company: Taylor
 Contractors name: _____
 Responsible person: Raj

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

See work order

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (N in details and results of the tests)

Safe oxygen level: _____
 Testing time: _____ Date: _____

Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____

Testing time: _____ Date: _____

Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: Raj

Permit Open (Time): 0705

Master/Chief Engineer/Mate: SSV

Date: 24/1/07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: Raj

Permit Close (Time): 0715

All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: Raj

Date: 25-1-07

Permit No: 4263

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: AD
 Location of work on vessel: Accom.
 Date: 25-4-07
 Outside contractors
 Company: T.B.
 Contractors name: _____
 Responsible person: Seacy

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

BRIGHT VOLT.

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level:
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measures ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____
- Part requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____

Permit Open (Time): 07.00

Master/Chief Engineer/Mate: Seacy

Date: 25-4-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: _____

Permit Close (Time): 13.20

All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: AD

Date: 25-04-07

Permit No: 4264

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
 Pink: Retain on bridge
 Yellow: Chief Engineer/Control Room
 Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P.O.
 Location of work on vessel: Tank P.O.
 Date: 25-4-07
 Outside contractors
 Company: Amerson Ltd Taylor's
 Contractors name: Liam Amerson
 Responsible person: Don Gifford

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Tank cleaning P.O./B.O./C.O.

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
 Mechanical/electrical drives
 Sludges/deposits/waste
 Harmful materials
 Electrical services
 Warning notices, locks, or tags have been fitted to means of isolation
 Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
 Ventilation of space
 Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

Safe oxygen level: 20.7
 Testing time: 25 0711 Date: 25-4-07

Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
 Continuous monitoring for atmosphere contaminants required
 Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
 With an air purifying (non air-supplied) respiratory protective device.
 Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
 A water hose run to job site and tested.
 Welding machine earthed directly to equipment being welded as close to the welding point as possible.
 Power leads not draped across pipelines or access ways.
 Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
 Coatings stripped to minimise fire risks.
 Need for firewatcher.
 Portable fire extinguisher at hand.
 Any J.S.A. identified and observed.
 Adjacent spaces checked.
 Isolate fire zones (if applicable).
 Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
 J.S.A. followed (if applicable).
 Other personnel verbally advised.
 Other hazards identified and isolated.
 All moving machinery close to work area shut down or safeguarded.
 Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
 Any electrical or other hazards identified.
 Portable power leads/equipment safe to use.
 Isolate and tag radar/satellite communications.
 J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS**a) USE OF CHEMICAL AGENTS (Details to be completed)**

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

Stand-by person(s) are (identify): Don

Alternative to stand-by (specify arrangements): _____

Communications arrangements: radio

Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measures ticked below have been implemented:

- Warning notices/barricades are in position.
 Special precautions (ie vessels/contractors equipment) _____

Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
 Air purifying respiratory protective devices: _____
 Safety harness and/or safety line or lifeline/rescue line: _____
 Eye protectors: _____
 Hand protection: _____
 Safety boots: _____
 Protective clothing: _____
 Hearing protectors: _____
 Safety helmets: _____
 Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____

Permit Open (Time): 0714

Master/Chief Engineer/Mate: SKG

Date: 25-4-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: _____

Permit Close (Time): 1010

All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: _____

Date: 25-04-07

Permit No: 4265

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
 Retain on bridge
 Pink: Chief Engineer/Control Room
 Yellow: Master copy book
 Blue: _____

1. DETAILS

Vessel's name: S.S. V.
 Work requested by: P.O.
 Location of work on vessel: Deck Room
 Date: 25/11/07
 Outside contractors
 Company: P.O.
 Contractors name: P.O.
 Responsible person: John Murray

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Weld - in new bleed pipe.

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
 Mechanical/electrical drives
 Sludges/deposits/waste
 Harmful materials
 Electrical services
 Warning notices, locks, or tags have been fitted to means of isolation
 Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
 Ventilation of space
 Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (N/A in details and results of the tests)

- Safe oxygen level: _____
 Testing time: _____ Date: _____
 Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
 Continuous monitoring for atmosphere contaminants required
 Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
 With an air purifying (non air-supplied) respiratory protective device.
 Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
 A water hose run to job site and tested.
 Welding machine earthed directly to equipment being welded as close to the welding point as possible.
 Power leads not draped across pipelines or access ways.
 Electrical trace on pipes located. Hot work is/is not permissible inside this space.
 Coatings stripped to minimise fire risks.
 Need for firewatcher.
 Portable fire extinguisher at hand.
 Any J.S.A. identified and observed.
 Adjacent spaces checked.
 Isolate fire zones (if applicable).
 Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
 J.S.A. followed (if applicable).
 Other personnel verbally advised.
 Other hazards identified and isolated.
 All moving machinery close to work area shut down or safeguarded.
 Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
 Any electrical or other hazards identified.
 Portable power leads/equipment safe to use.
 Isolate and tag radar/satellite communications.
 J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS**a) USE OF CHEMICAL AGENTS (Details to be completed)**

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
 Alternative to stand-by (specify arrangements): _____
 Communications arrangements: _____
 Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
 Special precautions (ie vessel/contractors equipment) _____
 Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
 Air purifying respiratory protective devices: _____
 Safety harness and/or safety line or Heline/rescue line: _____
 Eye protectors: _____
 Hand protection: _____
 Safety boots: _____
 Protective clothing: PPS by confirmation
 Hearing protectors: _____
 Safety helmets: _____
 Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: [Signature]

Permit Open (Time): 1300

Master/Chief Engineer/Mate: [Signature]

Date: 25/11/07

9. WORK COMPLETED/SUSPENDED

All persons have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: [Signature]

Permit Close (Time): _____

All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: [Signature]

Date: _____

Permit No: 4266

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: Stromboli
 Work requested by: ALBERT + CO LTD
 Location of work on vessel: OFF BOARD
 Date: 25-4-07
 Outside contractors
 Company: _____
 Contractors name: _____
 Responsible person: _____

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

INSTALLATION

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: *(fill in details and results of the tests)*

- Safe oxygen level: _____
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____
 Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessels/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective device: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____
 Permit Open (Time): 0700 hrs
 Master/Chief-Engineer/Mate: J.A. Bay
 Date: 25/4/07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: _____
 Permit Close (Time): 1615
 All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.
 Master/Chief-Engineer/Mate: J.A. Bay
 Date: 25-4-07

Permit No: 4267

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P+O
 Location of work on vessel: A/C Flat / Green Room
 Date: 25-04-07
 Outside contractors: _____
 Company: TGF
 Contractors name: _____
 Responsible person: C Grant

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Electrical

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level:
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area.

Measures ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: [Signature]

Permit Open (Time): 0705

Master/Chief Engineer/Mate: [Signature]

Date: 25-04-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: [Signature]

Permit Close (Time): _____

All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: [Signature]

Date: _____

Permit No: 4268

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P+O
 Location of work on vessel: 5P+SS Ballast Tr.
 Date: 25-04-07
 Outside contractors: _____
 Company: TB
 Contractors name: _____
 Responsible person: Russ Hutton

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

#1 Tank lids to Replace

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level: 20.9
 Testing time: 0730 Date: 25-04-07
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): TONY WOOD
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____

- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: [Signature]
 Permit Open (Time): 1035
 Master/Chief Engineer/Mate: [Signature]
 Date: 25-04-07

9. WORK COMPLETED/SUSPENDED

All persons have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: [Signature]
 Permit Close (Time): 1520
 All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.
 Master/Chief Engineer/Mate: [Signature]
 Date: 25/4/07

Permit No: 4269

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P&O
 Location of work on vessel: ER
 Date: 25-04-07
 Outside contractors
 Company: _____
 Contractors name: TB
 Responsible person: Brian Mulder
Rad Walkers

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

FW Relief V/S & Hot Water System

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (N/A in details and results of the tests)

- Safe oxygen level: _____
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____
 Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/Is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measures ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: Rad Walkers
 Permit Open (Time): 1240
 Master/Chief Engineer/Mate: RWS
 Date: 25/04/07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: X Rad Walkers
 Permit Close (Time): 1500HS
 All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.
 Master/Chief Engineer/Mate: Rad Walkers
 Date: 25/04/07

Permit No: 4270

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SSV P+O
 Work requested by: Clean Room
 Location of work on vessel: 25-04-07
 Date: 25-04-07
 Outside contractors: _____
 Company: TR
 Contractors name: Craig Strike
 Responsible person: Don Dejean

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Storage System Made Hot Work

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (Nil in details and results of the tests)

- Safe oxygen level: _____
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____
 Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

Zone 10

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)
 No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

- The following arrangements have been made:
- Stand-by person(s) are (identify): _____
 - Alternative to stand-by (specify arrangements): _____
 - Communications arrangements: _____
 - Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

- Smoking is banned in the confined space and adjoining area. Measures ticked below have been implemented:
- Warning notices/barricades are in position.
 - Special precautions (ie vessel/contractors equipment) _____
 - Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

- The personal protective equipment ticked below shall be worn, (specify details where appropriate):
- Supplied-air respirators: _____
 - Air purifying respiratory protective devices: _____
 - Safety harness and/or safety line or lifeline/rescue line: _____
 - Eye protectors: _____
 - Hand protection: _____
 - Safety boots: _____
 - Protective clothing: _____
 - Hearing protectors: _____
 - Safety helmets: _____
 - Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____
 Permit Open (Time): _____
 Master/Chief Engineer/Mate: _____
 Date: 25-04-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: _____
 Permit Close (Time): _____
 All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.
 Master/Chief Engineer/Mate: _____
 Date: 25-04-07

Permit No: 4271

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

- White:** Original person seeking permit
- Pink:** Retain on bridge
- Yellow:** Chief Engineer/Control Room
- Blue:** Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P+O
 Location of work on vessel: #1 DB tank
 Date: 25-04-07
 Outside contractors: _____
 Company: _____
 Contractors name: P+O
 Responsible person: Sean Connolly
Rogers

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (N) in details and results of the tests)

- Safe oxygen level: 20.9
 Testing time: 0730 Date: 25.04.07
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)
 No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:
 Stand-by person(s) are (identify): Rogers
 Alternative to stand-by (specify arrangements): _____
 Communications arrangements: _____

Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: [Signature]
 Permit Open (Time): 1045
 Master/Chief Engineer/Mate: [Signature]
 Date: 25-04-07

9. WORK COMPLETED/SUSPENDED

All personnel have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: [Signature]
 Permit Close (Time): 1120
 All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.
 Master/Chief Engineer/Mate: [Signature]
 Date: 25-04-07

Permit No: 4272

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P+O
 Location of work on vessel: Green Room
 Date: 25-09-07
 Outside contractors: _____
 Company: TB
 Contractors name: Green Strike
 Responsible person: Dan Greigar

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Poly Sewage Pipe Installation

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) **PURGING AND VENTILATION**
 Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) **ATMOSPHERIC TEST REQUIREMENT**
 The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level:
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

 Testing time: _____ Date: _____
- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) **USE OF CHEMICAL AGENTS** (Details to be completed)
 No chemical agents other than those listed below may be taken into the confined space: _____

b) **STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS**
 The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) **OTHER CONTROL MEASURES**
 Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessels/contractors equipment) _____
- Port requirements complied with.

d) **PERSONAL PROTECTIVE EQUIPMENT**
 The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____
 Permit Open (Time): 1440
 Master/Chief Engineer/Mate: RWB
 Date: 25-09-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: _____
 Permit Close (Time): 1600 HS
 All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.
 Master/Chief Engineer/Mate: Rice
 Date: 25/9/07

Permit No: 4273

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
 Pink: Retain on bridge
 Yellow: Chief Engineer/Control Room
 Blue: Master copy book

1. DETAILS

Vessel's name: ESV
 Work requested by: T+O
 Location of work on vessel: P/K ROOM
 Date: 25/04/07
 Outside contractors
 Company: Taylor Pries
 Contractors name: MATT BOND
 Responsible person: BEAN SWARD

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

welding & GRINDING
HK Replacement Small Plate

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
 Mechanical/electrical drives
 Sludges/deposits/waste
 Harmful materials
 Electrical services
 Warning notices, locks, or tags have been fitted to means of isolation
 Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
 Ventilation of space
 Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level:
 Testing time: _____ Date: _____
 Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
 Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
 With an air purifying (non air-supplied) respiratory protective device.
 Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
 A water hose run to job site and tested.
 Welding machine earthed directly to equipment being welded as close to the welding point as possible.
 Power leads not draped across pipelines or access ways.
 Electrical traces on pipes located. Hot work is/ is not permissible inside this space.
 Coatings stripped to minimise fire risks.
 Need for firewatcher.
 Portable fire extinguisher at hand.
 Any J.S.A. identified and observed.
 Adjacent spaces checked.
 Isolate fire zones (if applicable).
 Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
 J.S.A. followed (if applicable).
 Other personnel verbally advised.
 Other hazards identified and isolated.
 All moving machinery close to work area shut down or safeguarded.
 Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
 Any electrical or other hazards identified.
 Portable power leads/equipment safe to use.
 Isolate and tag radar/satellite communications.
 J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS**a) USE OF CHEMICAL AGENTS (Details to be completed)**

No chemical agents other than those listed below may be taken into the confined space:

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): M. Bond, T. Sward

Alternative to stand-by (specify arrangements): _____

Communications arrangements: voice

Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
 Special precautions (ie vessel's/contractors equipment) _____

Part requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
 Air purifying respiratory protective devices: _____
 Safety harness and/or safety line or lifeline/rescue line: _____
 Eye protectors: _____
 Hand protection: _____
 Safety boots: _____
 Protective clothing: _____
 Hearing protectors: _____
 Safety helmets: _____
 Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____

Permit Open (Time): _____

Master/Chief Engineer/Mate: J. DayDate: 25.4.07**9. WORK COMPLETED/SUSPENDED**

All persons have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: _____

Permit Close (Time): 1700

All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: J. DayDate: 26.04.07

Permit No: 4274

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

- White:** Original person seeking permit
- Pink:** Retain on bridge
- Yellow:** Chief Engineer/Control Room
- Blue:** Master copy book

1. DETAILS

Vessel's name: S/SURVIVOR
 Work requested by: F.O
 Location of work on vessel: V6 A/C ROOM
 Date: 26-06-07
 Outside contractors
 Company: CHINA AIR
 Contractors name: _____
 Responsible person: R. BENT

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (N/A in details and results of the tests)

- Safe oxygen level: _____
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: [Signature]

Permit Open (Time): _____

Master/Chief Engineer/Mate: [Signature]

Date: 26-06-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: [Signature]

Permit Close (Time): 22:45

All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: [Signature]

Date: 26-06-07

Permit No: 4275

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

- White:** Original person seeking permit
- Pink:** Retain on bridge
- Yellow:** Chief Engineer/Control Room
- Blue:** Master copy book

1. DETAILS

Vessel's name: S/S MURICA
 Work requested by: P+C
 Location of work on vessel: VH AX ROOM
 Date: 26-4-07
 Outside contractors
 Company: TASMA OCEAN SERVICES
 Contractors name: CHANN
 Responsible person: CHANN

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level: _____
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____
 Testing time: _____ Date: _____

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)

Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space:

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessels/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____

Permit Open (Time): _____

Master/Chief Engineer/Mate: JALIN

Date: _____

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: _____

Permit Close (Time): 18.45

All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: 4-07

Date: _____

2018 4

Permit No: 4276

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

- White:** Original person seeking permit
- Pink:** Retain on bridge
- Yellow:** Chief Engineer/Control Room
- Blue:** Master copy book

1. DETAILS

Vessel's name: S/SUKUNTOR
 Work requested by: PEO
 Location of work on vessel: GREEN ROOM
 Date: 26.4.07
 Outside contractors
 Company: TALMAS
 Contractors name: DAVIES
 Responsible person: DAVIES

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: *(Nil in details and results of the tests)*

- Safe oxygen level: _____
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/ls not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

Stand-by person(s) are (identify): CRAB STAKE

Alternative to stand-by (specify arrangements): None

Communications arrangements: _____

Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____

Part requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and I clearly understand. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____

Permit Open (Time): 0700 hrs

Master/Chief-Engineer/Mate: J. Davy

Date: 26.4.07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: _____

Permit Close (Time): _____

All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: _____

Date: 26.04.07

Permit No: 4277

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution
 White: Original person seeking permit
 Pink: Retain on bridge
 Yellow: Chief Engineer/Control Room
 Blue: Master copy book

1. DETAILS

Vessel's name: S/S SURUCUA
 Work requested by: PFC
 Location of work on vessel: 2nd Deck
 Date: 26.4.07
 Outside contractors
 Company: TAVROS
 Contractors name: RUSSELL BROWN + PARTNERS
 Responsible person: BEV

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

1st WATER SYSTEM
No 2 GENERATOR

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
 Mechanical/electrical drives
 Sludges/deposits/waste
 Harmful materials
 Electrical services
 Warning notices, locks, or tags have been fitted to means of isolation
 Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
 Ventilation of space
 Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level:
 Testing time: _____ Date: _____

- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

- Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required

- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.

- With an air purifying (non air-supplied) respiratory protective device.

- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.

- A water hose run to job site and tested.

- Welding machine earthed directly to equipment being welded as close to the welding point as possible.

- Power leads not draped across pipelines or access ways.

- Electrical trace on pipes located. Hot work is/ is not permissible inside this space.

- Coatings stripped to minimise fire risks.

- Need for firewatcher.

- Portable fire extinguisher at hand.

- Any J.S.A. identified and observed.

- Adjacent spaces checked.

- Isolate fire zones (if applicable).

- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
 J.S.A. followed (if applicable).
 Other personnel verbally advised.
 Other hazards identified and isolated.
 All moving machinery close to work area shut down or safeguarded.
 Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
 Any electrical or other hazards identified.
 Portable power leads/equipment safe to use.
 Isolate and tag radar/satellite communications.
 J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS**a) USE OF CHEMICAL AGENTS (Details to be completed)**

No chemical agents other than those listed below may be taken into the confined space:

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____

- Alternative to stand-by (specify arrangements): _____

- Communications arrangements: _____

- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measures ticked below have been implemented:

- Warning notices/baricades are in position.

- Special precautions (ie vessels/contractors equipment) _____

- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____

- Air purifying respiratory protective devices: _____

- Safety harness and/or safety line or lifeline/rescue line: _____

- Eye protectors: _____

- Hand protection: _____

- Safety boots: _____

- Protective clothing: _____

- Hearing protectors: _____

- Safety helmets: _____

- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: B. Muller

Permit Open (Time): 0700H

Master/Chief Engineer/Mate: BEV

Date: 26.4.07

9. WORK COMPLETED/SUSPENDED

All persons have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: _____

Permit Close (Time): _____

All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: _____

Date: _____

Permit No: 4278

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: S/SUBARICA
 Work requested by: PRO
 Location of work on vessel: WING 575 UPPER
 Date: 26-01-07
 Outside contractors:
 Company: TANCO
 Contractors name: TANCO ALLAN
 Responsible person: JOHN

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

WELDING & GRINDING

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (Nil in details and results of the tests)

Safe oxygen level: _____
 Testing time: _____ Date: _____

Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____

 Testing time: _____ Date: _____

Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

Continuous monitoring for atmosphere contaminants required

Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

Stand-by person(s) are (identify): ALLAN

Alternative to stand-by (specify arrangements): None

Communications arrangements: _____

Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

Warning notices/barricades are in position.

Special precautions (ie vessel's/contractors equipment) _____

Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

Supplied-air respirators: _____

Air purifying respiratory protective devices: _____

Safety harness and/or safety line or lifeline/rescue line: _____

Eye protectors: _____

Hand protection: _____

Safety boots: _____

Protective clothing: _____

Hearing protectors: _____

Safety helmets: _____

Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: [Signature]

Permit Open (Time): 0700

Master/Chief Engineer/Mate: [Signature]

Date: 26-01-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: [Signature]

Permit Close (Time): 1626

All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: [Signature]

Date: 26-01-07

ZONE 6 + 11

Permit No: 4279

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SEVILIA
 Work requested by: P.T.O.
 Location of work on vessel: CATERING CABIN & LASS
 Date: 26-4-07
 Outside contractors
 Company: TRIMEX
 Contractors name: P. CLARKE
 Responsible person: R. MORAN

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

*REPLACING PIPES CATERING ROOMS

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
 Mechanical/electrical drives
 Sludges/deposits/waste
 Harmful materials
 Electrical services
 Warning notices, locks, or tags have been fitted to means of isolation
 Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
 Ventilation of space
 Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level: _____
 Testing time: _____ Date: _____

- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
 Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
 With an air purifying (non air-supplied) respiratory protective device.
 Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
 A water hose run to job site and tested.
 Welding machine earthed directly to equipment being welded as close to the welding point as possible.
 Power leads not draped across pipelines or access ways.
 Electrical trace on pipes located. Hot work isn't permissible inside this space.
 Coatings stripped to minimise fire risks.
 Need for firewatcher.
 Portable fire extinguisher at hand.
 Any J.S.A. identified and observed.
 Adjacent spaces checked.
 Isolate fire zones (if applicable).
 Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
 J.S.A. followed (if applicable).
 Other personnel verbally advised.
 Other hazards identified and isolated.
 All moving machinery close to work area shut down or safeguarded.
 Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
 Any electrical or other hazards identified.
 Portable power leads/equipment safe to use.
 Isolate and tag radar/satellite communications.
 J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS**a) USE OF CHEMICAL AGENTS (Details to be completed)**

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
 Alternative to stand-by (specify arrangements): _____
 Communications arrangements: _____
 Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
 Special precautions (ie vessel's/contractors equipment) _____
 Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators:
 Air purifying respiratory protective devices:
 Safety harness and/or safety line or lifeline/rescue line:
 Eye protectors:
 Hand protection:
 Safety boots:
 Protective clothing:
 Hearing protectors:
 Safety helmets:
 Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: P. Clarke

Permit Open (Time): 0700

Master/Chief Engineer/Mate: JAB

Date: _____

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: P. Clarke

Permit Close (Time): 1120

All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: R. Moran

Date: 26-04-07

Permit No: 4280

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: S/S SHARON
 Work requested by: P.D.
 Location of work on vessel: ENGINE ROOM
 Date: 26-6-07
 Outside contractors
 Company: TAYLORS
 Contractors name: R. PIKE & SEAT
 Responsible person: ALICE

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

INSTALLING LADDER ON MIST

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (N/A in details and results of the tests)

Safe oxygen level: _____
 Testing time: _____ Date: _____

Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____

 Testing time: _____ Date: _____

Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

Stand-by person(s) are (identify): ALICE

Alternative to stand-by (specify arrangements): _____

Communications arrangements: VOICE TO DECK MAN

Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

Warning notices/barricades are in position.

Special precautions (ie vessel's/contractors equipment): _____

Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn. (specify details where appropriate):

Supplied-air respirators: _____

Air purifying respiratory protective devices: _____

Safety harness and/or safety line or lifeline/rescue line: _____

Eye protectors: _____

Hand protection: _____

Safety boots: _____

Protective clothing: _____

Hearing protectors: _____

Safety helmets: _____

Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: ALICE

Permit Open (Time): 0700 hrs

Master/Chief Engineer/Mate: ALICE

Date: 26-6-07

9. WORK COMPLETED/SUSPENDED

All persons have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: _____

Permit Close (Time): _____

All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: ALICE

Date: 26-6-07

Permit No: 4281

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P+O
 Location of work on vessel: Shelter Deck
 Date: 26-04-07
 Outside contractors
 Company: Hobart Marine Coating
 Contractors name: Carl
 Responsible person: Adam Stewart

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Painting

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
 Mechanical/electrical drives
 Sludges/deposits/waste
 Harmful materials
 Electrical services
 Warning notices, locks, or tags have been fitted to means of isolation
 Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
 Ventilation of space
 Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (N/A in details and results of the tests)

- Safe oxygen level: _____
 Testing time: _____ Date: _____
 Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
 Continuous monitoring for atmosphere contaminants required
 Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
 With an air purifying (non air-supplied) respiratory protective device.
 Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
 A water hose run to job site and tested.
 Welding machine earthed directly to equipment being welded as close to the welding point as possible.
 Power leads not draped across pipelines or access ways.
 Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
 Coatings stripped to minimise fire risks.
 Need for firewatcher.
 Portable fire extinguisher at hand.
 Any J.S.A. identified and observed.
 Adjacent spaces checked.
 Isolate fire zones (if applicable).
 Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
 J.S.A. followed (if applicable).
 Other personnel verbally advised.
 Other hazards identified and isolated.
 All moving machinery close to work area shut down or safeguarded.
 Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
 Any electrical or other hazards identified.
 Portable power leads/equipment safe to use.
 Isolate and tag radar/satellite communications.
 J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS**a) USE OF CHEMICAL AGENTS (Details to be completed)**

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
 Alternative to stand-by (specify arrangements): _____
 Communications arrangements: _____
 Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
 Special precautions (ie vessel's/contractors equipment) _____
 Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
 Air purifying respiratory protective devices: _____
 Safety harness and/or safety line or lifeline/rescue line: _____
 Eye protectors: _____
 Hand protection: _____
 Safety boots: _____
 Protective clothing: _____
 Hearing protectors: _____
 Safety helmets: _____
 Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____

Permit Open (Time): 1030Master/Chief Engineer/Mate: PaulDate: 26-04-07**9. WORK COMPLETED/SUSPENDED**

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: _____

Permit Close (Time): 1630

All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: PaulDate: 26-04-07

Permit No: 4282

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SUNRISE
 Work requested by: PRO / CSO
 Location of work on vessel: A-5
 Date: 26-09-07
 Outside contractors
 Company: PRO
 Contractors name: _____
 Responsible person: LES MORROW / JOHN ROYCE

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

VISUAL FINAL INSPECTION OF A-5
PRO TANKS PRIOR TO BALLASTING

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

Safe oxygen level: 21.9%
 Testing time: 08:15 Date: 26-09-07

Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

Testing time: _____ Date: _____

Flammable atmosphere (give % LEL) 0.0%
 Testing time: 08:15 Date: 26-09-07

- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space:

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): LES MORROW
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: VHF RADIO
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____
- Part requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: [Signature]
 Permit Open (Time): 08:15
 Master/Chief Engineer/Mate: [Signature]
 Date: 26-09-07

9. WORK COMPLETED/SUSPENDED

All persons have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: [Signature]
 Permit Close (Time): 08:16
 All personnel have exited confined space, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.
 Master/Chief Engineer/Mate: [Signature]
 Date: 26-09-07

Permit No: 4283

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution
White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P+O
 Location of work on vessel: Fore Castle Deck
 Date: 26-04-07
 Outside contractors: _____
 Company: TB
 Contractors name: D. Norton
 Responsible person: Ben Mulder

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Over Body-Winch Repair

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (Nil in details and results of the tests)

- Safe oxygen level: _____
 Testing time: _____ Date: _____

- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____
 Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: Ben Mulder

Permit Open (Time): 0845

Master/Chief Engineer/Mate: R. J.

Date: 26-04-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: Ben Mulder

Permit Close (Time): 1645

All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: ABJ

Date: 26-4-07

Permit No: 4284

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

- White:** Original person seeking permit
- Pink:** Retain on bridge
- Yellow:** Chief Engineer/Control Room
- Blue:** Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: CSIS
 Location of work on vessel: AC120 014 sub hold space
 Date: 26-4-07
 Outside contractors
 Company: ARLEN JARSON
 Contractors name: Ad
 Responsible person: _____

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Remove pipes

3. CONFINED SPACE

- The items ticked below have been isolated or made safe:
- Pipelines (water, steam, gas, etc)
 - Mechanical/electrical drives
 - Sludges/deposits/waste
 - Harmful materials
 - Electrical services
 - Warning notices, locks, or tags have been fitted to means of isolation
 - Radiation services

a) PURGING AND VENTILATION

- Purging and ventilation measures listed below have been implemented:
- Purging of space
 - Ventilation of space
 - Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

- The test equipment has been calibrated and the atmosphere has been tested for: (N/A in details and results of the tests)
- Safe oxygen level:
 Testing time: _____ Date: _____
 - Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

 Testing time: _____ Date: _____
 - Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
 - Continuous monitoring for atmosphere contaminants required
 - Continuous monitoring flammable gas detector

- The atmosphere is safe for entry under the conditions ticked below:
- With a supplied-air respiratory protective device.
 - With an air purifying (non air-supplied) respiratory protective device.
 - Without a respiratory protective device.

4. HOT WORK

- The precautions ticked below must be observed:
- Area clean and free of all readily combustible materials.
 - A water hose run to job site and tested.
 - Welding machine earthed directly to equipment being welded as close to the welding point as possible.
 - Power leads not draped across pipelines or access ways.
 - Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
 - Coatings stripped to minimise fire risks.
 - Need for firewatcher.
 - Portable fire extinguisher at hand.
 - Any J.S.A. identified and observed.
 - Adjacent spaces checked.
 - Isolate fire zones (if applicable).
 - Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

- a) USE OF CHEMICAL AGENTS (Details to be completed)**
 No chemical agents other than those listed below may be taken into the confined space: _____
- b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS**
 The following arrangements have been made:
 Stand-by person(s) are (identify): _____
 Alternative to stand-by (specify arrangements): _____
 Communications arrangements: _____
 Rescue and emergency procedures are understood and have been posted.
- c) OTHER CONTROL MEASURES**
 Smoking is banned in the confined space and adjoining areas. Measure ticked below have been implemented:
 Warning notices/barricades are in position.
 Special precautions (ie vessels/contractors equipment) _____
 Port requirements complied with.
- d) PERSONAL PROTECTIVE EQUIPMENT**
 The personal protective equipment ticked below shall be worn, (specify details where appropriate):
 Supplied-air respirators: _____
 Air purifying respiratory protective devices: _____
 Safety harness and/or safety line or lifeline/rescue line: _____
 Eye protectors: _____
 Hand protection: _____
 Safety boots: _____
 Protective clothing: _____
 Hearing protectors: _____
 Safety helmets: _____
 Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).
 Responsible Person Signature: _____
 Permit Open (Time): 0932
 Master/Chief Engineer/Mate: SAUC
 Date: 26-4-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.
 List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: _____
 Permit Close (Time): 1225
 All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.
 Master/Chief Engineer/Mate: SEN
 Date: 26-4-07

Permit No: 4285

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SURFEN SURFEX
 Work requested by: SAULT
 Location of work on vessel: SAULTS A/C CASD
 Date: 20/08/07
 Outside contractors
 Company: SACK FILL
 Contractors name: SACK FILL
 Responsible person: SACK FILL

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Welding work on deck
in SAULTS

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level:
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

 Testing time: _____ Date: _____
- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable). zone 3
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)
 No chemical agents other than those listed below may be taken into the confined space:

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

- The following arrangements have been made:
- Stand-by person(s) are (identify): _____
 - Alternative to stand-by (specify arrangements): _____
 - Communications arrangements: _____
 - Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

- Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:
- Warning notices/barricades are in position.
 - Special precautions (ie vessel/contractors equipment) _____
 - Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

- The personal protective equipment ticked below shall be worn, (specify details where appropriate):
- Supplied-air respirators: _____
 - Air purifying respiratory protective device: _____
 - Safety harness and/or safety line or lifeline/rescue line: _____
 - Eye protectors: _____
 - Hand protection: PPG 13 - RESPIRATORY
 - Safety boots: _____
 - Protective clothing: 20 WATER TIGHT
 - Hearing protectors: _____
 - Safety helmets: _____
 - Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____
 Permit Open (Time): _____
 Master/Chief Engineer/Mate: TS MARRON
 Date: 20-08-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: J.W. Gill
 Permit Close (Time): 4:45 PM
 All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.
 Master/Chief Engineer/Mate: J. GAYE
 Date: 20-08-07

Permit No: 4286

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
 Pink: Retain on bridge
 Yellow: Chief Engineer/Control Room
 Blue: Master copy book

1. DETAILS

Vessel's name: SEV
 Work requested by: HO
 Location of work on vessel: Deck
 Date: 26-4-07
 Outside contractors
 Company: T.B.
 Contractors name: _____
 Responsible person: Alan Moran

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Access to engine room

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
 Mechanical/electrical drives
 Sludges/deposits/waste
 Harmful materials
 Electrical services
 Warning notices, locks, or tags have been fitted to means of isolation
 Radiation services

4) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
 Ventilation of space
 Continuous ventilation of space required

5) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (Nil in details and results of the tests)

- Safe oxygen level: _____
 Testing time: _____ Date: _____
 Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
 Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
 With an air purifying (non air-supplied) respiratory protective device.
 Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
 A water hose run to job site and tested.
 Welding machine earthed directly to equipment being welded as close to the welding point as possible.
 Power leads not draped across pipelines or access ways.
 Electrical trace on pipes located. Hot work is/is not permissible inside this space.
 Coatings stripped to minimise fire risks.
 Need for firewatcher.
 Portable fire extinguisher at hand.
 Any J.S.A. identified and observed.
 Adjacent spaces checked.
 Isolate fire zones (if applicable). 5/1500 2000 11
 Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
 J.S.A. followed (if applicable).
 Other personnel verbally advised.
 Other hazards identified and isolated.
 All moving machinery close to work area shut down or safeguarded.
 Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
 Any electrical or other hazards identified.
 Portable power leads/equipment safe to use.
 Isolate and tag radar/satellite communications.
 J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS**a) USE OF CHEMICAL AGENTS (Details to be completed)**

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): Tony Webb
 Alternative to stand-by (specify arrangements): _____
 Communications arrangements: radio
 Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
 Special precautions (ie vessel's/contractors equipment) _____
 Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
 Air purifying respiratory protective devices: _____
 Safety harness and/or safety line or lifeline/rescue line: _____
 Eye protectors: _____
 Hand protection: _____
 Safety boots: _____
 Protective clothing: _____
 Hearing protectors: _____
 Safety helmets: _____
 Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____

Permit Open (Time): 1154Master/Chief Engineer/Mate: SEVICDate: 26-4-07**9. WORK COMPLETED/SUSPENDED**

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: _____

Permit Close (Time): 1622

All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: Alan MoranDate: 26-4-07

Permit No: 4287

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution
White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: S. P. 142408
 Work requested by: CS 103
 Location of work on vessel: Deck A Frame
 Date: 21/4/07
 Outside contractors
 Company: CS 103
 Contractors name: _____
 Responsible person: Lindsay MacDuff

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: *(W in details and results of the tests)*

- Safe oxygen level:
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

- Testing time: _____ Date: _____
- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____

Permit Open (Time): 1400

Master/Chief Engineer/Mate: [Signature]

Date: _____

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: _____

Permit Close (Time): _____

All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: [Signature]

Date: 26-4-07

Permit No: 4288

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

- White:** Original person seeking permit
- Pink:** Retain on bridge
- Yellow:** Chief Engineer/Control Room
- Blue:** Master copy book

1. DETAILS

Vessel's name: SOUTHERN SURVEYOR
 Work requested by: C. B. RO
 Location of work on vessel: GREEN ROOM
 Date: 26 4 07
 Outside contractors
 Company: TAYLOR PROS
 Contractors name: _____
 Responsible person: CRAIG STRIKE

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

FITTING PVC PIPES TO NEW SURVIVOR TANKS

3. CONFINED SPACE

- The items ticked below have been isolated or made safe:
- Pipelines (water, steam, gas, etc)
 - Mechanical/electrical drives
 - Sludges/deposits/waste
 - Harmful materials
 - Electrical services
 - Warning notices, locks, or tags have been fitted to means of isolation
 - Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: *(fill in details and results of the tests)*

Safe oxygen level: _____
 Testing time: _____ Date: _____

Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____

 Testing time: _____ Date: _____

Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: [Signature]

Permit Open (Time): _____

Master/Chief Engineer/Mate: _____

Date: _____

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: [Signature]

Permit Close (Time): 16:30

All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: [Signature]

Date: 26-4-07

Permit No: 4289

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: FFP
 Location of work on vessel: Deck
 Date: 24/07
 Outside contractors
 Company: FFP
 Contractors name: FFP
 Responsible person: William Boyd

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Working Slips Side

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (N in details and results of the tests)

- Safe oxygen level:
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
- Coatings stripped to minimize fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

Zone 4

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining areas. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessels/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: William Boyd

Permit Open (Time): 1500

Master/Chief Engineer/Mate: W.B.

Date: 26-06-07

9. WORK COMPLETED/SUSPENDED

All persons have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: William Boyd

Permit Close (Time): 0150

All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: W.B.

Date: 26-06-07

Permit No: 4290

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution
White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P+D
 Location of work on vessel: A/C Flat
 Date: 27-04-07
 Outside contractors
 Company: K&C
 Contractors name: Bob Burger
 Responsible person: Alan Capel

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

A/C Installation
Hot Work

3. CONFINED SPACE

The items ticked below have been isolated or made safe:
 Pipelines (water, steam, gas, etc)
 Mechanical/electrical drives
 Sludges/deposits/waste
 Harmful materials
 Electrical services
 Warning notices, locks, or tags have been fitted to means of isolation
 Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:
 Purging of space
 Ventilation of space
 Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (Nil in details and results of the tests)

Safe oxygen level:
 Testing time: _____ Date: _____
 Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):
 Testing time: _____ Date: _____
 Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
 Continuous monitoring for atmosphere contaminants required
 Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

With a supplied-air respiratory protective device.
 With an air purifying (non air-supplied) respiratory protective device.
 Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:
 Area clean and free of all readily combustible materials.
 A water hose run to job site and tested.
 Welding machine earthed directly to equipment being welded as close to the welding point as possible.
 Power leads not draped across pipelines or access ways.
 Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
 Coatings stripped to minimise fire risks.
 Need for firewatcher.
 Portable fire extinguisher at hand.
 Any J.S.A. identified and observed.
 Adjacent spaces checked.
 Isolate fire zones (if applicable).
 Greater than 500 meters from Platform.

Zone 4

5. MECHANICAL/ELECTRICAL ISOLATION

Tag System used.
 J.S.A. followed (if applicable).
 Other personnel verbally advised.
 Other hazards identified and isolated.
 All moving machinery close to work area shut down or safeguarded.
 Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

Harness supplied and safe to use.
 Any electrical or other hazards identified.
 Portable power leads/equipment safe to use.
 Isolate and tag radar/satellite communications.
 J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)
 No chemical agents other than those listed below may be taken into the confined space:

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:
 Stand-by person(s) are (identify): _____
 Alternative to stand-by (specify arrangements): _____
 Communications arrangements: _____
 Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measures ticked below have been implemented:
 Warning notices/barricades are in position.
 Special precautions (ie vessel's/contractors equipment) _____
 Part requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):
 Supplied-air respirators:
 Air purifying respiratory protective devices:
 Safety harness and/or safety line or lifeline/rescue line:
 Eye protectors:
 Hand protection:
 Safety boots:
 Protective clothing:
 Hearing protectors:
 Safety helmets:
 Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).
 Responsible Person Signature: _____
 Permit Open (Time): 0650
 Master/Chief Engineer/Mate: RWT
 Date: 27-04-07

9. WORK COMPLETED/SUSPENDED

All persons have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.
 List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: _____
 Permit Close (Time): 6.00 p.m.
 All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.
 Master/Chief Engineer/Mate: Saw
 Date: 27/07

Permit No: 4291

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
 Pink: Retain on bridge
 Yellow: Chief Engineer/Control Room
 Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P+O
 Location of work on vessel: Crew Room
 Date: 27-24-07
 Outside contractors
 Company: TR
 Contractors name: Craig Strick
 Responsible person: Dan Geiger

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Sprayer Installation
Hot Work

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
 Mechanical/electrical drives
 Sludges/deposits/waste
 Harmful materials
 Electrical services
 Warning notices, locks, or tags have been fitted to means of isolation
 Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
 Ventilation of space
 Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (Nil in details and results of the tests)

- Safe oxygen level: _____
 Testing time: _____ Date: _____

- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____
 Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
 Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
 With an air purifying (non air-supplied) respiratory protective device.
 Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
 A water hose run to job site and tested.
 Welding machine earthed directly to equipment being welded as close to the welding point as possible.
 Power leads not draped across pipelines or access ways.
 Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
 Coatings stripped to minimise fire risks.
 Need for firewatcher.
 Portable fire extinguisher at hand.
 Any J.S.A. identified and observed.
 Adjacent spaces checked.
 Isolate fire zones (if applicable).
 Greater than 500 meters from Platform. Zone 10

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
 J.S.A. followed (if applicable).
 Other personnel verbally advised.
 Other hazards identified and isolated.
 All moving machinery close to work area shut down or safeguarded.
 Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
 Any electrical or other hazards identified.
 Portable power leads/equipment safe to use.
 Isolate and tag radar/satellite communications.
 J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS**a) USE OF CHEMICAL AGENTS (Details to be completed)**

No chemical agents other than those listed below may be taken into the confined space:

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
 Alternative to stand-by (specify arrangements): _____
 Communications arrangements: _____
 Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measures ticked below have been implemented:

- Warning notices/barricades are in position.
 Special precautions (ie vessel's/contractors equipment) _____
 Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
 Air purifying respiratory protective devices: _____
 Safety harness and/or safety line or lifeline/rescue line: _____
 Eye protectors: _____
 Hand protection: _____
 Safety boots: _____
 Protective clothing: _____
 Hearing protectors: _____
 Safety helmets: _____
 Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: _____

Permit Open (Time): _____

Master/Chief Engineer/Mate: _____

Date: 27-24-07**9. WORK COMPLETED/SUSPENDED**

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: _____

Permit Close (Time): 15:16

All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: SEAN CDate: 27-4-07

Permit No: 4292

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
 Pink: Retain on bridge
 Yellow: Chief Engineer/Control Room
 Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P+O
 Location of work on vessel: Cabins
 Date: 27-04-07
 Outside contractors
 Company: TB
 Contractors name: Barry Briggs
 Responsible person: Peter Clark

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

+ Deck Heats

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
 Mechanical/electrical drives
 Sludges/deposits/waste
 Harmful materials
 Electrical services
 Warning notices, locks, or tags have been fitted to means of isolation
 Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
 Ventilation of space
 Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

Safe oxygen level:
 Testing time: _____ Date: _____

Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

Testing time: _____ Date: _____

Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

- Continuous monitoring for atmosphere contaminants required
 Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
 With an air purifying (non air-supplied) respiratory protective device.
 Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
 A water hose run to job site and tested.
 Welding machine earthed directly to equipment being welded as close to the welding point as possible.
 Power leads not draped across pipelines or access ways.
 Electrical trace on pipes located. Hot work is/is not permissible inside this space.
 Coatings stripped to minimise fire risks.
 Need for firewatcher.
 Portable fire extinguisher at hand.
 Any J.S.A. identified and observed.
 Adjacent spaces checked.
 Isolate fire zones (if applicable).
 Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
 J.S.A. followed (if applicable).
 Other personnel verbally advised.
 Other hazards identified and isolated.
 All moving machinery close to work area shut down or safeguarded.
 Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
 Any electrical or other hazards identified.
 Portable power leads/equipment safe to use.
 Isolate and tag radar/satellite communications.
 J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS**a) USE OF CHEMICAL AGENTS (Details to be completed)**

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

Stand-by person(s) are (identify): _____

Alternative to stand-by (specify arrangements): _____

Communications arrangements: _____

Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

Warning notices/barricades are in position.

Special precautions (ie vessel's/contractors equipment) _____

Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn. (specify details where appropriate):

Supplied-air respirators: _____

Air purifying respiratory protective devices: _____

Safety harness and/or safety line or lifeline/rescue line: _____

Eye protectors: _____

Hand protection: _____

Safety boots: _____

Protective clothing: _____

Hearing protectors: _____

Safety helmets: _____

Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: P. ClarkPermit Open (Time): 0655Master/Chief Engineer/Mate: P. ClarkDate: 27-04-07**9. WORK COMPLETED/SUSPENDED**

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

List continuing deficiencies:

10. SIGN OUT PERMITResponsible Person Signature: Peter ClarkPermit Close (Time): 1626

All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: SchulDate: 27-04-07

Permit No: 4293

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

- White:** Original person seeking permit
- Pink:** Retain on bridge
- Yellow:** Chief Engineer/Control Room
- Blue:** Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P+D
 Location of work on vessel: Engine Room/Green Room
 Date: 27-04-07
 Outside contractors
 Company: TB
 Contractors name: Tom McKeown
 Responsible person: Russel Huston

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

#2 AH Repair (AR)
Ultra Clean SW Repair (GR)

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level:
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards):

 Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space:

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessel's/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: [Signature]
 Permit Open (Time): 2700
 Master/Chief Engineer/Mate: [Signature]
 Date: 27-04-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: [Signature]
 Permit Close (Time): 1640
 All personnel have exited confined space/s, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.
 Master/Chief Engineer/Mate: [Signature]
 Date: 27/4/07

Permit No: 4294

Tag No: _____

P&O Maritime Services

Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P+O
 Location of work on vessel: FE EXH Space
 Date: 27-04-07
 Outside contractors
 Company: TIB
 Contractors name: Allen Rollett
 Responsible person: Tony Webb

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Repair to ME Hds Pipe

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: (fill in details and results of the tests)

- Safe oxygen level: _____
 Testing time: _____ Date: _____
- Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____
 Testing time: _____ Date: _____

- Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____
- Continuous monitoring for atmosphere contaminants required
- Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work isn't permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform. Zone 11, 6, 4

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radar/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

- Stand-by person(s) are (identify): _____
- Alternative to stand-by (specify arrangements): _____
- Communications arrangements: _____
- Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining areas. Measures ticked below have been implemented:

- Warning notices/barricades are in position.
- Special precautions (ie vessels/contractors equipment) _____
- Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

- Supplied-air respirators: _____
- Air purifying respiratory protective devices: _____
- Safety harness and/or safety line or lifeline/rescue line: _____
- Eye protectors: _____
- Hand protection: _____
- Safety boots: _____
- Protective clothing: _____
- Hearing protectors: _____
- Safety helmets: _____
- Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: [Signature]
 Permit Open (Time): 1627
 Master/Chief Engineer/Mate: [Signature]
 Date: 27-04-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

- List continuing deficiencies:

10. SIGN OUT PERMIT

Responsible Person Signature: [Signature]
 Permit Close (Time): 1627
 All personnel have exited confined spaces, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.
 Master/Chief Engineer/Mate: [Signature]
 Date: 27-04-07

Permit No: 4295

Tag No: _____

P&O Maritime Services Vessel Permit to Work

Distribution

White: Original person seeking permit
Pink: Retain on bridge
Yellow: Chief Engineer/Control Room
Blue: Master copy book

1. DETAILS

Vessel's name: SSV
 Work requested by: P+O
 Location of work on vessel: Deck
 Date: 27-04-07
 Outside contractors
 Company: TB
 Contractors name: Wayne Kiel
 Responsible person: D. Norton

2. DESCRIPTION OF WORK TO BE UNDERTAKEN

Towed Body Winch Repair.

3. CONFINED SPACE

The items ticked below have been isolated or made safe:

- Pipelines (water, steam, gas, etc)
- Mechanical/electrical drives
- Sludges/deposits/waste
- Harmful materials
- Electrical services
- Warning notices, locks, or tags have been fitted to means of isolation
- Radiation services

a) PURGING AND VENTILATION

Purging and ventilation measures listed below have been implemented:

- Purging of space
- Ventilation of space
- Continuous ventilation of space required

b) ATMOSPHERIC TEST REQUIREMENT

The test equipment has been calibrated and the atmosphere has been tested for: *(fill in details and results of the tests)*

Safe oxygen level: _____
 Testing time: _____ Date: _____

Atmosphere contaminant(s) (list contaminants, concentrations and compare with exposure standards): _____
 Testing time: _____ Date: _____

Flammable atmosphere (give % LEL)
 Testing time: _____ Date: _____

Continuous monitoring for atmosphere contaminants required

Continuous monitoring flammable gas detector

The atmosphere is safe for entry under the conditions ticked below:

- With a supplied-air respiratory protective device.
- With an air purifying (non air-supplied) respiratory protective device.
- Without a respiratory protective device.

4. HOT WORK

The precautions ticked below must be observed:

- Area clean and free of all readily combustible materials.
- A water hose run to job site and tested.
- Welding machine earthed directly to equipment being welded as close to the welding point as possible.
- Power leads not draped across pipelines or access ways.
- Electrical trace on pipes located. Hot work is/ is not permissible inside this space.
- Coatings stripped to minimise fire risks.
- Need for firewatcher.
- Portable fire extinguisher at hand.
- Any J.S.A. identified and observed.
- Adjacent spaces checked.
- Isolate fire zones (if applicable).
- Greater than 500 meters from Platform.

5. MECHANICAL/ELECTRICAL ISOLATION

- Tag System used.
- J.S.A. followed (if applicable).
- Other personnel verbally advised.
- Other hazards identified and isolated.
- All moving machinery close to work area shut down or safeguarded.
- Isolation switches etc. engaged.

6. WORKING ALOFT/OVERBOARD

- Harness supplied and safe to use.
- Any electrical or other hazards identified.
- Portable power leads/equipment safe to use.
- Isolate and tag radio/satellite communications.
- J.S.A. adhered to (if applicable).

7. GENERAL REQUIREMENTS

a) USE OF CHEMICAL AGENTS (Details to be completed)

No chemical agents other than those listed below may be taken into the confined space: _____

b) STAND-BY PERSONNEL AND RESCUE ARRANGEMENTS

The following arrangements have been made:

Stand-by person(s) are (identify): _____

Alternative to stand-by (specify arrangements): _____

Communications arrangements: _____

Rescue and emergency procedures are understood and have been posted.

c) OTHER CONTROL MEASURES

Smoking is banned in the confined space and adjoining area. Measure ticked below have been implemented:

Warning notices/barricades are in position.

Special precautions (ie vessel/contractors equipment) _____

Port requirements complied with.

d) PERSONAL PROTECTIVE EQUIPMENT

The personal protective equipment ticked below shall be worn, (specify details where appropriate):

Supplied-air respirators: _____

Air purifying respiratory protective devices: _____

Safety harness and/or safety line or lifeline/rescue line: _____

Eye protectors: _____

Hand protection: _____

Safety boots: _____

Protective clothing: _____

Hearing protectors: _____

Safety helmets: _____

Other: _____

8. SIGN IN PERMIT

The above conditions have been advised to me and are clearly understood. It is agreed all conditions of this permit system will be undertaken (as required).

Responsible Person Signature: [Signature]

Permit Open (Time): 0715

Master/Chief Engineer/Mate: [Signature]

Date: 27-04-07

9. WORK COMPLETED/SUSPENDED

All person have been withdrawn, the work has been suspended or completed. The workplace covered by this permit has been left in a safe condition.

List continuing deficiencies: _____

10. SIGN OUT PERMIT

Responsible Person Signature: [Signature]

Permit Close (Time): 1645

All personnel have exited confined space, ceased all hot work and equipment is safe to be used or has been tagged out and no personnel are working aloft, overboard.

Master/Chief Engineer/Mate: [Signature]

Date: 27-04-07