

ANNEX 31A

**NAVAL ARCHITECTURE INCIDENT INFORMATION FORM (NAIIF)
- INSTRUCTIONS ON USE****1. Contents of NAIIF**

General Data	Page 1
Incident Details	Page 2
Current State of Buoyancy and Stability	Page 3
Vessel Structural Condition	Page 4
Other Effects of Incident on Vessel Condition	Page 5
Condition of Vessel at last known Pre-incident Condition	Page 6
Services Requested	Page 7
Table 1 Tank Contents (Class specific)	Page 8
Table 2 Deadweight items (Class specific)	Page 9

2. Background

- a. In the event of an incident leading to the requirement for rapid Naval Architecture support from the relevant Platform IPT (PIPT), several elements of information will be required by the PIPT's Professional Naval Architect (PNA), in order to advise command (as requested) of residual stability, strength and the affect of any planned remedial measures on the vessel.
- b. The attached Incident Information Form (and Class-Specific Tables 1 and 2) essentially provides a master list for the information likely to be requested by the PIPT PNA from the vessel's MEO. It is accepted that depending on the severity of the incident and the other pressures on ship's staff, the form may be partially or fully completed. Completion of this form can save time during the response.
- c. This form is **solely** for the use of RN Vessels whose Naval Architecture Support is provided by the PIPT. Vessels whose Naval Architecture Support is provided by LR SERS or DNV ERS should utilise the (similar) forms specifically provided by those organisations.

3. Notes on Completeness and Accuracy

- a. A full technical response requires significant amounts of information to enable the most accurate assessment to be made. However in the event of an incident it is likely that some information will not be available to command. Where information is not available or cannot reasonably be obtained, an estimate based on experience should be made. The more accurate the information passed the more accurate the support provision will be. Those fields that are mandatory have the annotation **(M)**.
- b. It is advised that information detailing a known condition prior to the incident may be required to allow the magnitude of changes to be assessed, most notably when grounding is involved, to detail the magnitude of the grounding force, which directly impacts on the remedial measures advised by the PIPT.

4. Applicability - LPH, LPD, T23, T45, Sandown Class and HUNT Class. This form is held by MEOs, PIPT Naval Architects for enclosed classes, Fleet FOMO and S&MO IPT NA.

5. Completion of the Form

At a suitable opportunity the form should be completed during an incident and reported back to the PIPT. The following guidance is offered:

a. Where possible known values should be entered. Where these are not available the estimated values should be added, with annotation **(E)** to denote that an estimate has been made.

b. The preferred methods of receipt are fax or email. Should neither be available a signal to DLO Bath, FAO the relevant PIPT and the relevant SIC, should be prepared listing each data element preceded by the number attached to that data element on the form as the example below:

Preferred (Fax/Email) Method	
9) Heading 345	10) Speed 5 kts (E)
Alternate (Signal) Method	
9) Heading 345	
10) Speed 5 kts (E)	

c. The generic form covers information required regardless of the vessel type. This should always be completed. In addition the class specific Table 1 and Table 2 should be completed as far possible.

d. Where time does not allow a detailed tank or dead-weight description a brief text description such as the example below should be provided.

Preferred Approach (Completed Table 1A and 1B)	
Tank State:	
when Draughts Read	Current Condition
Tank 1 95%	Tank 1 Empty
Tank 2 50%	Tank 2 Empty
Compensated Tank 3 100% Water	Compensated Tank 3 100% Water
Alternate (Brief) Approach	
Tank state when draughts read broadly as standard 'deep' condition	
Current tank state as standard 'deep' condition except Tanks 1 and 2 empty	

6. General Data

a. **Administrative Information**

Report No.		Date and Time Issued (M)	
Ship Name (M)		Local Time Zone (M)	
Point of Contact (M)		Complement (No.)(M)	

Primary Means of Communication (M)	
---	--

b. **Location of Vessel**

General (M)		Lat		Long	
Heading (M)	deg	Speed (M)			Kts

c. **Geographic Concerns (Tick)**

Shallow Water		Proximity of Land	
Environmental Concerns		Bearing	deg
Distance	Nm	Political Concerns	

Description	
--------------------	--

d. **Nature of the Sea Bed**

Rock		Sand/Silt/Mud	
-------------	--	----------------------	--

e. **Weather (M)**

Current	
----------------	--

f. **Tide (M)**

State		Range		Time HW/LW	
--------------	--	--------------	--	-------------------	--

g. **Relative Sea (M)**

Direction		Height		Sea Temp Deg C	
------------------	--	---------------	--	---------------------------	--

h. **Relative Swell (M)**

Direction		Height	
------------------	--	---------------	--

i. **Current**

Direction		Rate	
------------------	--	-------------	--

j. **Wind (M)**

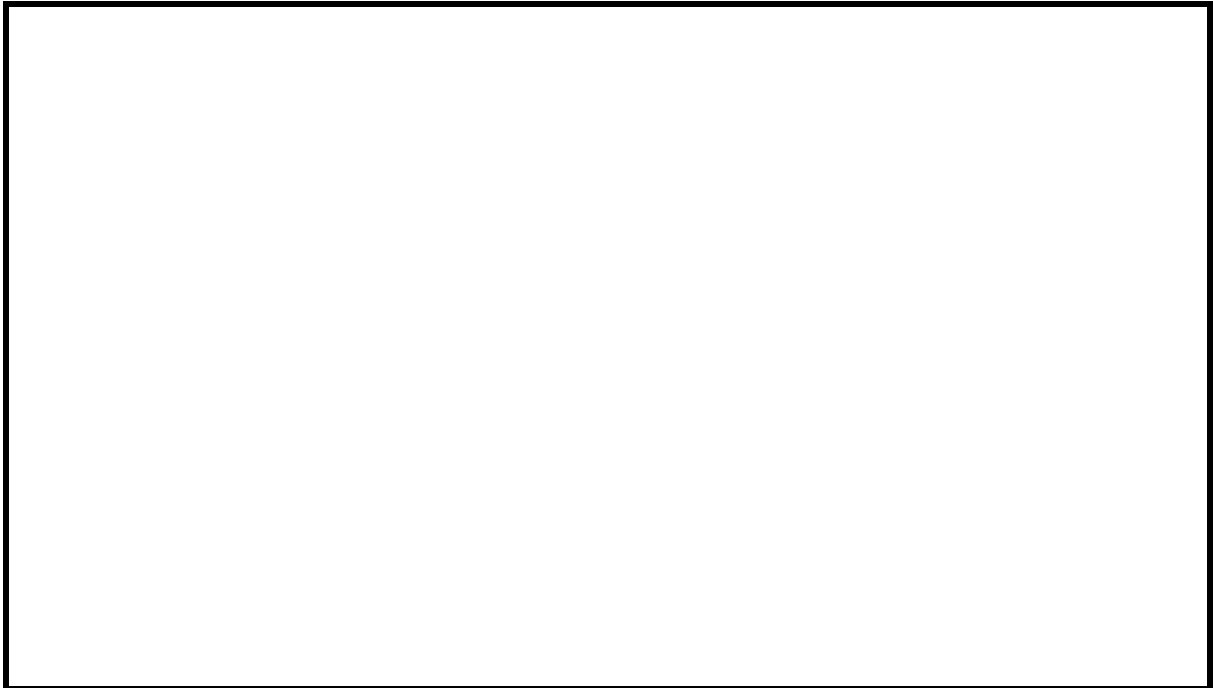
Direction		Speed (Beaufort)		Air Temp Deg C	
------------------	--	-----------------------------	--	---------------------------	--

k. **Weather Forecast**

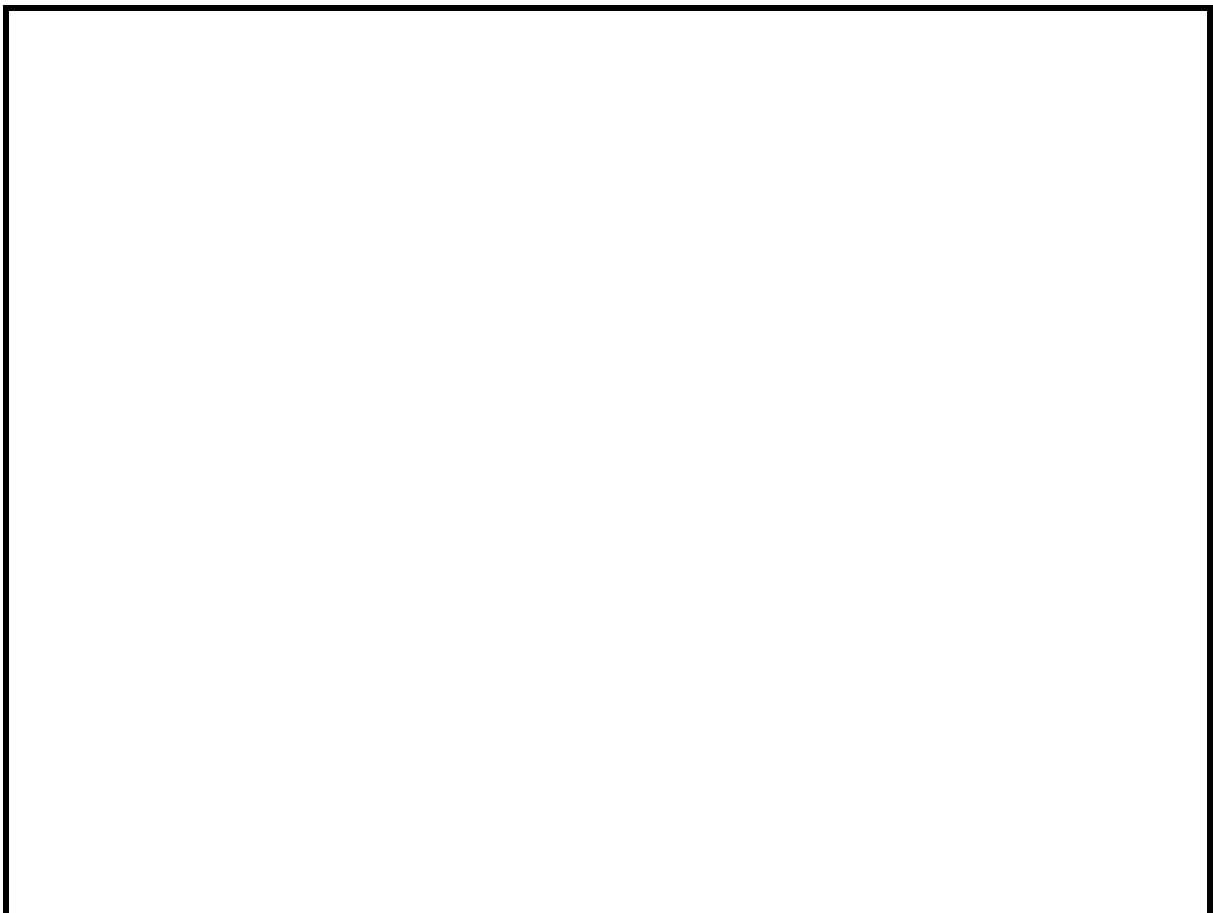
--

7. Incident Details

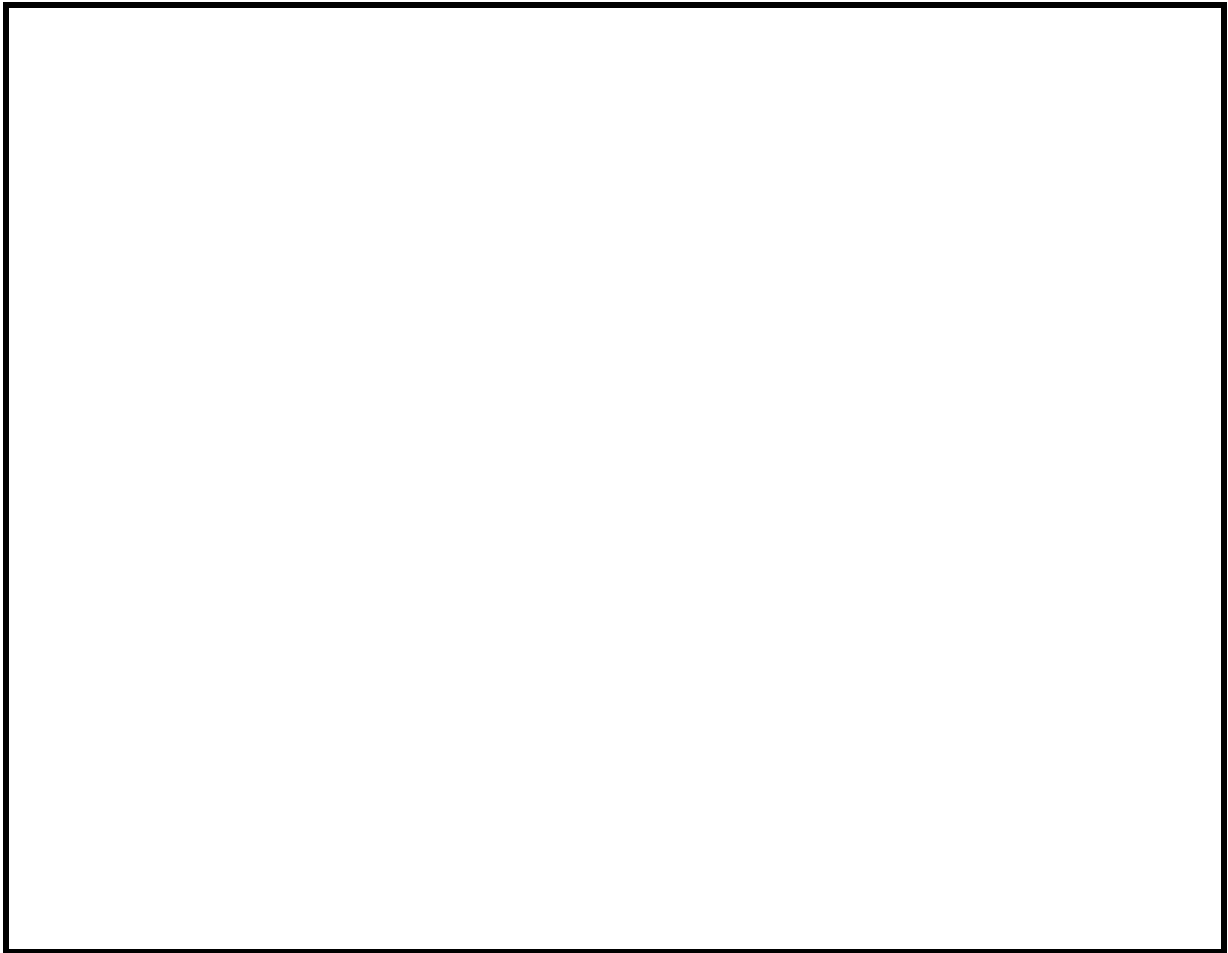
a. Nature of Incident (M)

A large, empty rectangular box with a black border, intended for the user to provide details about the nature of the incident.

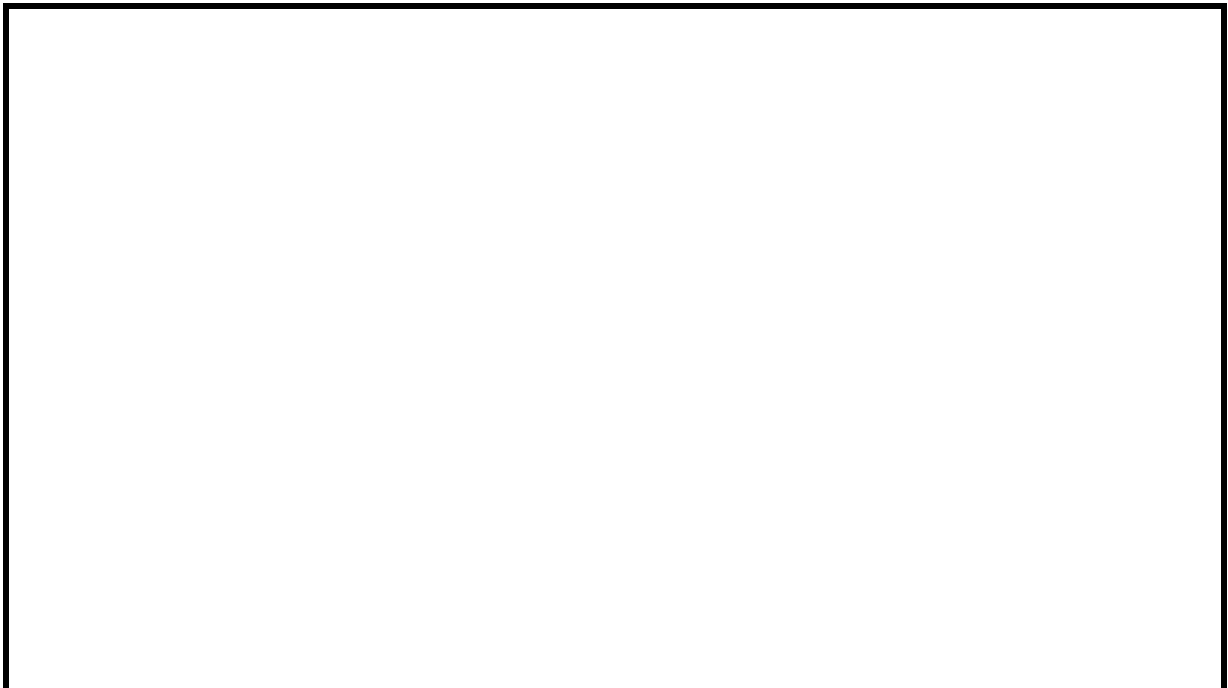
b. Current Command Aims

A large, empty rectangular box with a black border, intended for the user to provide details about the current command aims.

c. **Propulsion Systems Currently Inoperable**



d. **Electrical and Habitability Systems Currently Inoperable**



8. Current State of Buoyancy and Stability**a. Flotation Status (M) (Tick)**

Free Floating (Intact)		Free Floating (Damaged)	
-------------------------------	--	--------------------------------	--

Grounded (Intact)		Grounded (Damaged)		Internal Flood	
--------------------------	--	---------------------------	--	-----------------------	--

b. Draughts (M)

Fwd	Port	Units	Starboard
Amidships			
Aft			
Props			

c. Accuracy and Method of Draught Readings (M) (Tick)

Measured		Visually Sighted		Estimate	
-----------------	--	-------------------------	--	-----------------	--

d. Angle of List (M)

Degrees		Port		Starboard	
----------------	--	-------------	--	------------------	--

e. Estimated Grounding Point (on Vessel) (M)

--

f. Estimate Current Water Salinity (Tick)

Salt/Sea Water		Fresh Water	
-----------------------	--	--------------------	--

g. Damaged/Flooded Spaces (M)

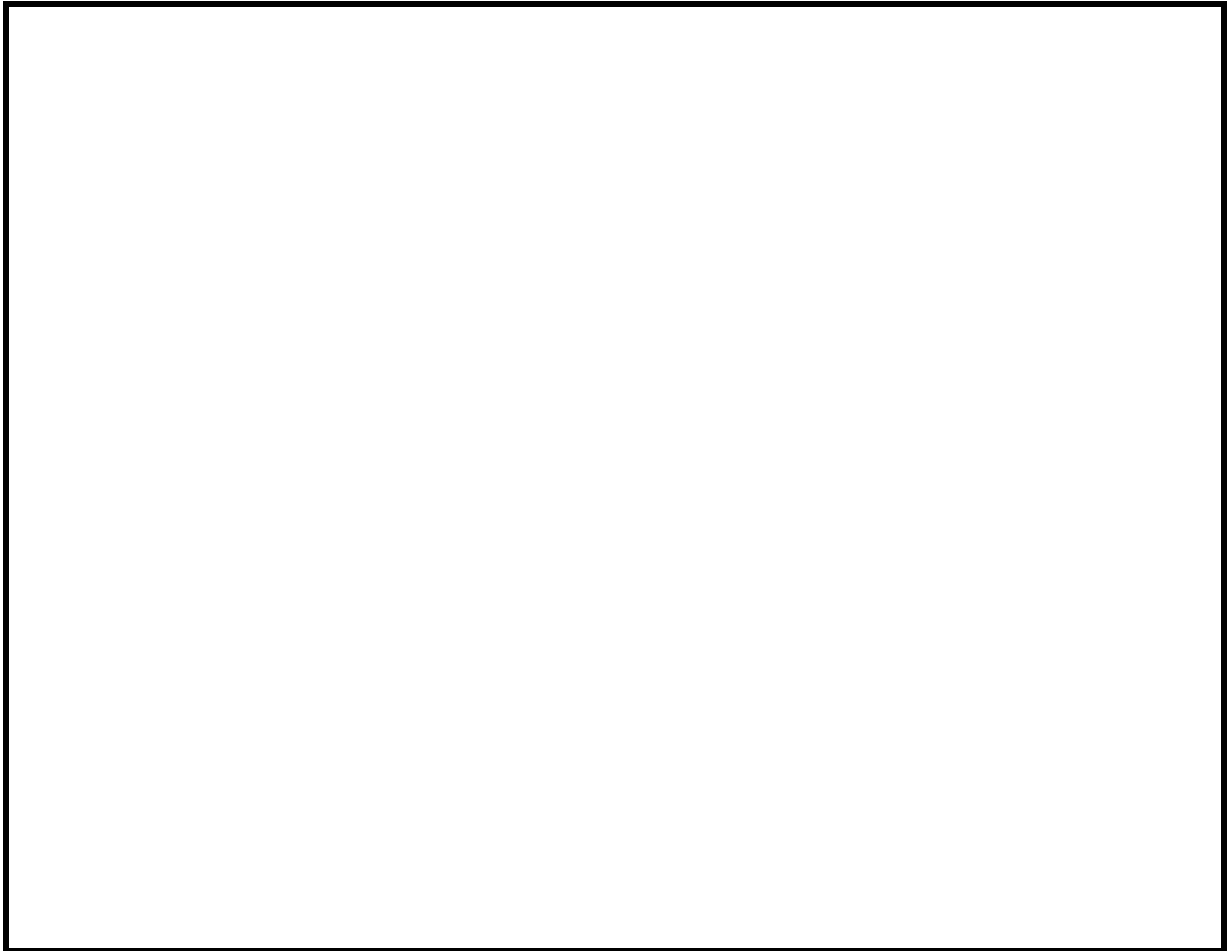
[illegible]

h. Fill in the Current Tank Contents in Table 1b **(M)**.

i. Fill in the Current Deadweight Contents in Table 2b **(M)**.

9. Vessel Structural Condition

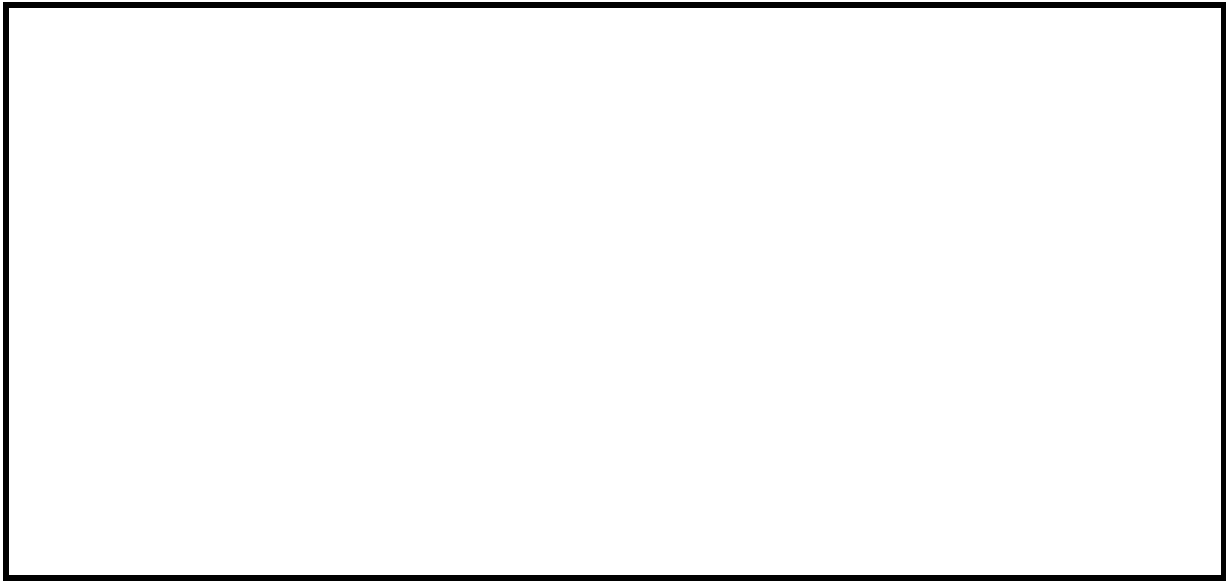
a. Details of Hull Structure Known to be Damaged

A large, empty rectangular box with a black border, intended for providing details of hull structure damage.

b. Environmental Impact (Pollutants known to be lost)

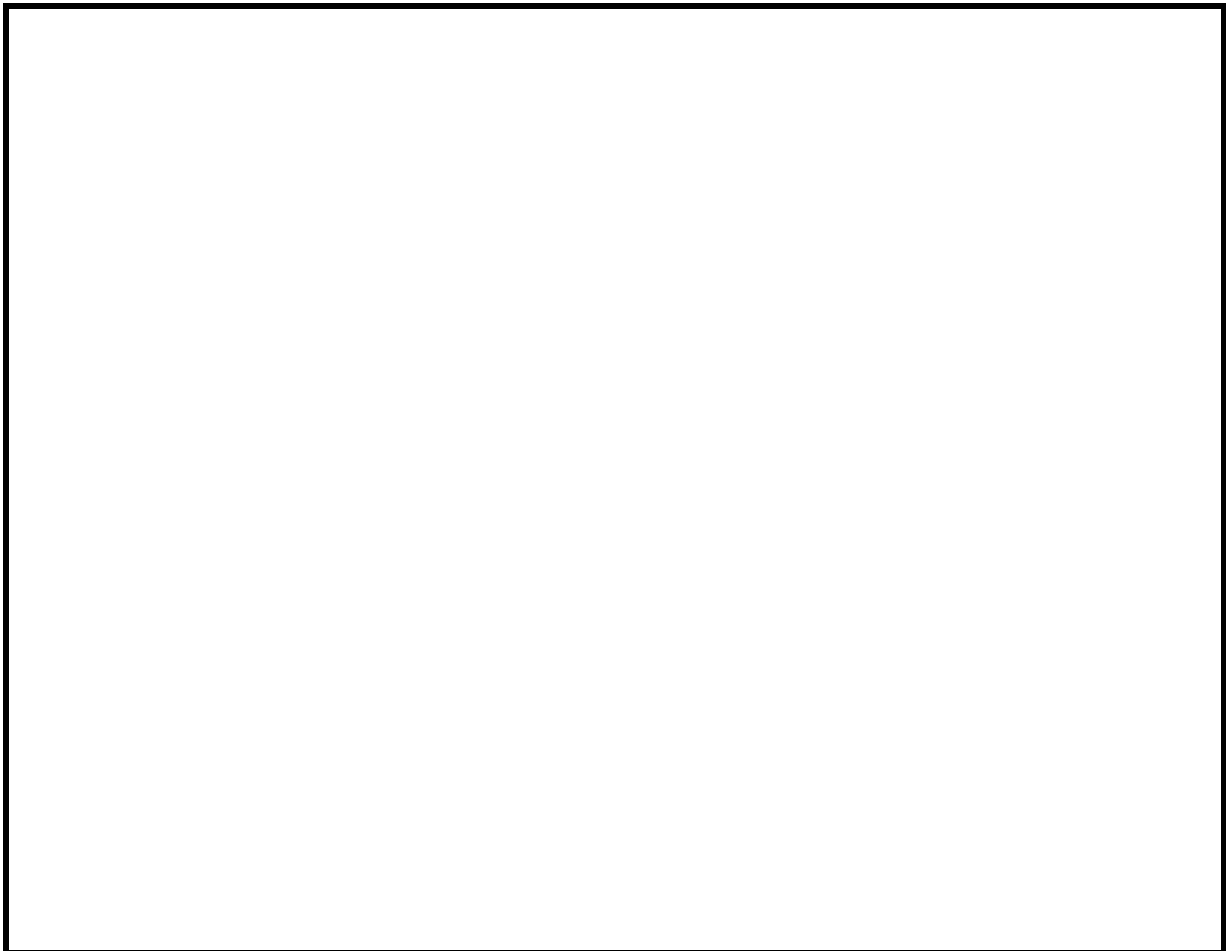
A large, empty rectangular box with a black border, intended for providing details of environmental impact.

c. **Pollutants at Risk of Loss**



10. Other Effects of Incident on Vessel Condition

a. **Major Items of Equipment or Deadweight Lost During/Post Incident (M)**



- b. **Actions Taken/Proposed by Ships Staff (M)** (include all deliberate actions by ships staff such as counterflooding, shoring, jettison etc)

11. Condition of Vessel at Last Known Pre-Incident Condition

- a. **Draughts (M)**

Fwd	Port	Units	Starboard
Amidships			
Aft			

- b. **Accuracy and Method of Draught Readings (M) (Tick)**

Measured		Visually Sighted		Estimate	
----------	--	------------------	--	----------	--

- c. **Date/Location of Readings**

d. **Estimate Current Water Salinity (Tick)**

Salt/Sea Water		Fresh Water	
-----------------------	--	--------------------	--



Note. This information may be required depending on the nature of the incident in order to allow the change in vessel characteristic due to the incident to be calculated. In some circumstances this allows the calculation of the safety of the current condition and suitable remedial action to be developed. Accuracy of data in this section will directly affect the accuracy of the subsequent calculations.

e. Fill in the Tank Contents at the time the draughts were read in Table 1a **(M)**.

f. Fill in the Deadweight at the time the draughts were read in Table 2a **(M)**.

12. Services Requesteda. **Based on the Preceding Information Please Advise: (Tick)**

Current Stability	
Future Stability	
Develop More Stable Condition/Advise Counterflood	
Develop Stable Condition with Least Deadweight/Tankage	
Advise Affect of Damage on Hull Ultimate Strength	
Advise on Deck/Bulkhead Strength	
Advise Repairs	
Advise Changes to Achieve Float Off	

b. **Detailed Requirements**

13. Type 23

TABLE 1 - TANK CONTENTS		
Tank	Table 1a - Tank Contents at Time of Draught Readings	Table 1b - Current Tank Contents
3AA - Forepeak Tank		
5BA - Trim Tank		
5BZ - No. 1 Dieso		
5CZ - No. 2 Dieso		
5DA - No. 3 Dieso		
5DZ2 - No. 4 Dieso		
5DZ1 - No. 5 Dieso		
5EA0 - No. 6 Dieso		
5EB - Grey Water (if converted)		
5JA1 - No. 7 Dieso		
5JA2 - No. 8 Dieso		
5JZ1 - No 9. Dieso		
5JZ2 - No. 10 Dieso		
5FA - Fuel Overflow		
5FA 00 - Fwd Fuel Service		
5FZ - OMD 113 Storage		
5GA2 - Sullage Tank		
5GA1 - Separated Oil		
5GB0 - Mid Fuel Service		
5GY0 - Aft Fuel Service		
5GZ2 - Port Stripping		
5GZ1 - Stbd Stripping		
5HA0 - LO Drain		
5HA2 - Contaminated Oil		
5HA1 - OM 100 Storage		
5HB - Aft Fuel Overflow		
5HY2 - Clean Water		
5HY1 - Made Water		
5K 00 - AVCAT Overflow		
5KZ 00 - AVCAT Drain Tank		
4KZ2 - AVCAT Storage Port		
4KZ1 - AVCAT Storage Stbd		
4LA0 - AVCAT Service Tank		
4LZ2 - FW Storage Port		
4LZ1 - FW Storage Stbd		

Status of Hatches Designated to be left Open to Avoid 'Trapped Buoyancy'		
Hatch ID	Status (Open/Shut/Unknown)	Comment
3Ea (Ops Room Fwd)		
3Ez (Ops Room Aft)		
3J (Office Lobby)		
3K (JRs Mess)		

13. Type 23 (Cont'd)

TABLE 2 - DEADWEIGHT		
Deadweight Item	Table 2a - Deadweight at Time of Draught Reading (% of Max)	Table 2b - Current Deadweight (% of Max)
Crew and Effects		
Harpoon		
Seawolf		
Small Arms		
Ammunition 4.5		
Gun Bay Equipment		
Seagnat		
Pyrotechnics		
Smoke Stores		
Gunners Store		
Air Weapons		
TAS		
Main Sonobuoy Store		
RU Sonobuoy		
Helicopter		
Dry Provision Store (F)		
Dry Provision Store (G)		
Cold and Cool Room		
NAAFI Beer and Canteen		
NAAFI Canteen Store		
Mess Gear Clothing		
Medical Locker		
Wardroom Store		
Sports Gear Store		
Bulk Naval Store 1A Deck Fwd		
Bulk Naval Store 1A Deck Aft		
Deck Store 1 Deck Fwd		
Flammable Store 2 Deck Fwd		
No.1 Naval Store		
No.2 Naval Store		
Engineers Store		
Electrical Store		
Weapon Store		
Aircraft Store		

14. LPH

TABLE 1 - TANK CONTENTS		
Tank	Table 1a - Tank Contents at Time of Draught Readings	Table 1b - Current Tank Contents
10H0 Dieso Centre		
10H2 Dieso Port		
10H3 Dieso Stbd		
10J0 Dieso Centre		
10J1 Dieso Stbd		
10J2 Dieso Port		
10Kz0 Dieso Centre		
10Kz2 Dieso Port		
10Ka3 Dieso Stbd		
10L0 Dieso Centre		
10L1 Dieso Stbd		
10L4 Dieso Port		
10M0 Dieso Centre		
10Ka2 Dieso Overflow Drain		
10Kb1 Dieso Stripping Tank		
9Ha1 DO Settling		
9Hz3 DO Settling		
9La2 DO Settling		
9Lz2 DO Settling		
10H1-100 Fwd MELO Drain Tank		
10L2-200 Aft MELO Drain Tank		
9Kz1 MELO Renovating		
9Kz0 MELO Storage		
8Kz1 DGLO Storage		
8Kz2 DGLO Storage		
8Kz4 DGLO Renovating		
8Ky6 Gearbox LO Renovating		
8Ky4 Gearbox LO Storage		
8Ky2 Gearbox LO Storage		
10F0 Fwd Grey Water		
10N0 Aft Grey water		
10A Fore Peak		
10B Fwd Trim		
10G2 Heel/Trim WB Port		
10Gz1 Heel/Trim WB Stbd		
9H2 WB Port		
9K2 WB Port		
9K1 WB Stbd		
9LA1 WB Stbd		
10M2 Heel/Trim WB Port		
10M1 Heel/Trim WB Stbd		
8S Aft Trim		

14. LPH (Cont'd)

TABLE 1 - TANK CONTENTS (Cont'd)		
Tank	Table 1a - Tank Contents at Time of Draught Readings	Table 1b - Current Tank Contents
10D Fwd AVCAT		
10E2 Fwd AVCAT Port		
10E1 Fwd AVCAT Stbd		
10P0 AVCAT Drain		
8P2 AVCAT Service Port		
8P1 AVCAT Service Stbd		
8P4 Aft AVCAT Port		
8P3 Aft AVCAT Stbd		
9Fb2 Fwd FW Port		
9Fb1 Fwd FW Stbd		
8Q New Aft FW		
8Na2 Aft FW		
10 Ka4 Oily Sludge		
10Ka1 Oily Bilge Water		

TABLE 2 - DEADWEIGHT		
Deadweight Item	Table 2a - Deadweight at Time of Draught Reading (% of Max)	Table 2b - Current Deadweight (% of Max)
Ships Staff Crew and Effects		
TAG and EMF Crew and Effects		
Ammunition		
Aircraft		
Vehicles		
Victualling, Accommodation and Medical Stores		
Air Stores		
Army Stores		
LCVPs		
General Stores		
Weapon Stores		
Provisions		

15. LPD

TABLE 1 - TANK CONTENTS		
Tank	Table 1a - Tank Contents at Time of Draught Readings	Table 1b - Current Tank Contents
No 9 AVCAT D/B Port		
No 9 AVCAT D/B Stbd		
No 4 Dieso D/B Port		
No 4 Dieso D/B Stbd		
No 5 Dieso D/B Port		
No 5 Dieso D/B Stbd		
No 6 Dieso D/B		
No 7 Dieso D/B Port		
No 7 Dieso D/B Stbd		
No 11 Dieso D/B Stbd		
Aft FW Port		
Aft FW Stbd		
Fwd FW Port		
Fwd FW Stbd		
AER DG LO Storage		
FER DG LO Storage		
Contaminated Oil		
Grey Water Port		
Grey Water Stbd		
Helicopter AVCAT Service		
Vehicle AVCAT Service		
AER FO Service		
FER FO Service		
Fore Peak WB		
No 1 WB Deep		
No 2 WB Deep Port		
No 2 WB Deep Stbd		
No 3 WB D/B Port		
No 3 WB D/B Stbd		
No 3 WB Wing Port		
No 3 WB Wing Stbd		
No 6 WB Wing Port		
No 6 WB Wing Stbd		
No 8 WB D/B Port		
No 8 WB D/B Stbd		
No 9 WB Wing Port		
No 9 WB Wing Stbd		
No 10 WB Deep		
No 10 WB Wing Port		
No 10 WB Wing Stbd		
No 11 WB Wing Port		
No 11 WB Wing Stbd		
No 12A WB Wing Port		

15. LPD (Cont'd)

TABLE 1 - TANK CONTENTS (Cont'd)		
Tank	Table 1a - Tank Contents at Time of Draught Readings	Table 1b - Current Tank Contents
No 12B WB Wing Port		
No 12A WB Wing Stbd		
No 12B WB Wing Stbd		
No 12A WB Deep		
No 12B WB Deep		
No 13 WB Wing Port		
No 13 WB Wing Stbd		
No 13 WB Deep		
No 14 WB Wing Port		
No 14 WB Wing Stbd		
Op. Fluids and Miscellaneous Tanks		

TABLE 2 - DEADWEIGHT		
Deadweight Item	Table 2a - Deadweight at Time of Draught Reading (% of Max)	Table 2b - Current Deadweight (% of Max)
EMF SHIPCAT1 Magazine		
Aircraft		
Commando Offs and Effects		
Crew and Effects		
SHIPCAT 1 Magazine		
SHIPCAT 2 Magazine		
SHIPCAT 3 Magazine		
SHIPCAT 5 Magazine		
LCVP Mk 5s		
Victualling Stores 1		
Victualling Stores 2		
Victualling Stores 3		
Victualling Stores 4		
General Stores		
Weapon Store 1 - Air(860)		
Weapon Stores 2		
Miscellaneous Stores		
HVs		
LVs		
LCUs Mk 10 + 8 HVs (831)		

16. SANDOWN Class

TABLE 1 - TANK CONTENTS		
Tank	Table 1a - Tank Contents at Time of Draught Readings	Table 1b - Current Tank Contents
Sullage Tank Port		
Sullage Tank Stbd		
Dieso Tank Port		
Dieso Tank Stbd		
FW Tank Port		
FW Tank Stbd		
Sewage Tank		
Waste Water Tank		
Fwd Port Compensation Tank		
Fwd Stbd Compensation Tank		
Aft Port Compensation Tank		
Aft Stbd Compensation Tank		
Minor Tanks		
Inhibited CW Storage Tank		
Magazine Spray Reservoir		
AFF Storage Tank		
Fuel Service Tank		
Lub Oil Storage Tank		
Fuel Header Tank, Main Engine (Port and Stbd)		
Generator Fuel Header Tank Port		
Generator Fuel Header Tank Stbd		
Generator Fuel Header Tank Centre		

TABLE 2 - DEADWEIGHT		
Deadweight Item	Table 2a - Deadweight at Time of Draught Reading (% of Max)	Table 2b - Current Deadweight (% of Max)
Crew and Effects		
Dry Provisions		
Mess and Galley Gear		
Loan Clothing		
NAAFI/Canteen Stores		
Refrigerated Stores		
Medical Stores		
Naval Stores and Spare Gear		
Weapons Stores		
Ammunition		

17. HUNT Class

TABLE 1 - TANK CONTENTS		
Tank	Table 1a - Tank Contents at Time of Draught Readings	Table 1b - Current Tank Contents
Dieso Tank Port		
Dieso Tank Stbd		
Dieso Tank Aft		
FW Fwd		
FW Port		
FW Stbd		
Dirty Lub Oil Tank		
Sullage Tank		
Hydraulic Oil Tank		
Sewage Tank		
Minor Tanks		

TABLE 2 - DEADWEIGHT		
Deadweight Item	Table 2a - Deadweight at Time of Draught Reading (% of Max)	Table 2b - Current Deadweight (% of Max)
Crew and Effects		
Ammunition		
Provision and Stores		
Naval Stores		
Outboard Fuel		

18. Type 45

TABLE 1 - TANK CONTENTS		
Tank	Table 1a - Tank Contents at Time of Draught Readings	Table 1b - Current Tank Contents
4KB4 AVCAT Service Tank		
6KB2 AVCAT (Port)		
6KB1 AVCAT (Starboard)		
6KC2 AVCAT Storage and Recovery		
6AA No.1 Water Ballast (Forepeak)		
6BB No.2 Water Ballast		
6KA1 No.3 Water Ballast		
6KA2 No.4 Water Ballast		
6LA No.5 Water Ballast		
7AA Sonar Space		
6BZ No 1 Dieso		
6KZ No 11 Dieso		
6HB1 Aft Fuel Stripping		
6HB2 Aft Fuel Overflow		
6HA2 No 4 Dieso Service		
6HA1 No 3 Dieso Service		
6G2 No 10 Dieso		
6G1 No 9 Dieso		
6FZ1 No 7 Dieso		
6FA1 Forward Fuel Stripping		
6FB1 No 1 Dieso Service		
6FA2 No 2 Dieso Service		
6FZ2 No 8 Dieso		
6EA Forward Fuel Overflow		
6DZ1 No 5 Dieso		
6DA No 4 Dieso		
6DZ2 No 6 Dieso		
6C1 No 3 Dieso		
6C2 No 2 Dieso		
6BA Forward Fresh Water		
6LB Aft Fresh Water		
5E-100 Technical Water		
5E-100		
6EZ1 Forward Grey Water		
6HZ Aft Grey Water (Day)		
6HZ Aft Grey Water		
5E-200 DG Lube Oil		
5E-200		
6FZ100 Fwd GTA LO Tank		
5DZ100 Fwd STP Tank		
4KA3 Aft STP Tank		
6HY2 Aft Sullage		

18. Type 45 (Cont'd)

TABLE 1 - TANK CONTENTS (Cont'd)		
Tank	Table 1a - Tank Contents at Time of Draught Readings	Table 1b - Current Tank Contents
6EB2 Forward Sullage		
6EZ2 Forward Waste Oil		
6HY1 Aft Waste Oil		

TABLE 2 - DEADWEIGHT		
Deadweight Item	Table 2a - Deadweight at Time of Draught Reading (% of Max)	Table 2b - Current Deadweight (% of Max)
Officer Effects (40 max)		
SR Effects (72 max)		
JR Effects (123 max)		
Officers and Crew (231 max)		
Aircrew Effects		
Embarked Forces and Effects (30 max) in Austerity Accommodation		
Munitions Aster 30 Fwd Port Group (8 max)		
Munitions Aster 30 Mid Port Group (8 max)		
Munitions Aster 30 Aft Port Group (8 max)		
Munitions Aster 30 Fwd Stbd Group (8 max)		
Munitions Aster 30 Mid Stbd Group (8 max)		
Munitions Aster 30 Aft Stbd Group (8 max)		
Munitions Phalanx IAP		
Munitions Harpoon Stbd Aft Group (4 max) IAP		
Munitions Harpoon Port Fwd Group (4 max) IAP		
Munitions MCG Rounds Deep Mag max Alias 1		
Munitions MCG Rounds Gunbay max Alias 2		
Munitions BMARC		
Munitions GPMG		
Munitions Torpedoes		
Munitions Sea Skuas		
Munitions SSTD on launchers IAP		
Munitions SSTD in magazine IAP		
Munitions 0.5" Gun		

18. Type 45 (Cont'd)

TABLE 2 - DEADWEIGHT (Cont'd)		
Deadweight Item	Table 2a - Deadweight at Time of Draught Reading (% of Max)	Table 2b - Current Deadweight (% of Max)
Munitions Helo Pyros		
Munitions Aircraft Decoy System		
Munitions Sonobouys		
Munitions DLH Decoy 01Es Fwd Stbd		
Munitions DLH Decoy 01Es Aft Stbd		
Munitions DLH Decoy 01Es Fwd Port		
Munitions DLH Decoy x 24 on DLH		
Munitions 01Fp Small Arms Mag SA80		
Munitions 01Fp Small Arms Mag 9 mm		
Munitions 01Fp Small Arms Mag Saluting Gun		
Munitions 01Fp Small Arms Mag Line Throwing		
Munitions 01Fp Small Arms Mag RAMSET		
Munitions Gunners Store 2Ms SA80		
Munitions Gunners Store 2Ms 9 mm		
Munitions Gunners Store 2Ms Saluting Guns		
Munitions Gunners Store 2Ms Line Thrower		
Munitions Gunners Store 2Ms SF Weapons		
Munitions GPMG x 2 Fwd		
Munitions GPMG x 2 Aft		
Munitions Smokes		
Munitions Scare Charges		
Munitions MSS		
Munitions Limpet Mine Disposal Equipment		
Munitions SF Ammunition		
Aircraft Merlin Stored, Fuelled and Crewed		
Aircraft Lynx max takeoff Weight		

18. Type 45 (Cont'd)

TABLE 2 - DEADWEIGHT (Cont'd)		
Deadweight Item	Table 2a - Deadweight at Time of Draught Reading (% of Max)	Table 2b - Current Deadweight (% of Max)
Dry Provisions 5G Main Store		
Dry Provisions 5Gp Secondary Store		
Dry Provisions 2Hs Galley		
Dry Provisions 2Cp Emergency Store		
Loan, Cash Clothing and Bedding 3Gs Stores		
4GZ3 NAAFI Canteen Beer and Spirits		
3GB3 SRs Beer Stores		
2Hp NAAFI Provisions and Miscellaneous Stores		
4GA4 Cold Room Stores		
4GA0 Cool Room Stores		
4GZ2 Cool Fruit and Vegetable Stores		
2K Medical Stores		
1F Surgery Stores		
1G Wardroom Wine Stores		
01E COs Stores		
4GZA Wardroom Stores		
4K Sports Gear Stores		
3G2 No1 Naval Stores		
4KZ2 No2 Naval Stores		
3GZ3 Bulk Naval Stores		
Cleaning Gear (distributed about ship)		
3F Electrical Workshop Tools and Test Equipment		
3H Mechanical Workshop Tools and Test Equipment		
3B FF and DC Stores Fwd		
2L FF and DC Stores Aft		
2Bs SSER Stores		
2Ks Boat Gear Stores		
1Ks Boat Locker Stores		
01H Hull Workshop Shipwrights Stores		
ME Spares 3F Electrical Workshop		
ME Spares 3H Mechanical Workshop		

18. Type 45 (Cont'd)

TABLE 2 - DEADWEIGHT (Cont'd)		
Deadweight Item	Table 2a - Deadweight at Time of Draught Reading (% of Max)	Table 2b - Current Deadweight (% of Max)
ME Spares 5E FMR		
ME Spares 5J AMR		
ME Spares 4K Avcat Pump Room		
ME Spares 4M Steering Gear Compartment		
EL Spares 3F Electrical Workshop Stores		
EL Spares 4L Electrical Stores		
Stationery (Total)		
Oils and Greases (Total)		
Flammables, Acids, Paints and Gases (Total)		
Air Stores Merlin (Total)		
Air Stores Lynx (Total)		
WE Spares Tools and Test Equipment (Total)		
2Mp Diving Gear Stores		
3Ms Gunwharf Stores		
IAP UK CEC		
IAP CESM		
IAP CMS		
IAP EACM		
IAP EWC2		
IAP FCS		
IAP IAE		
IAP ILDS Phalanx		
IAP IRAS		
IAP MBDS		
IAP MD CD		
IAP 155mm Gun MK41 Silo		
IAP RECM		
IAP RESM		
IAP SF		
IAP SSGWS		
IAP SSTD		
IAP TLS		
IAP WTTS		
IAP MTE		
IAP Bowman		
IAP CSS		