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Master Template Ref:	194-A03.01-003 Schedule B5 ILS Requirements and Compliance Matrix			Project:	[*insert Name]
Type	Organization	Area	Supplier	VSY Supplier Code	SWBS
Contract	ILS	Subcontracts / SCM	[* insert name]	[* insert VSY number]	[SWBS for the equipment]

Schedule B5

Integrated Logistics Support Requirements Matrix

[Package Description]



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Approvals

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Revisions Record

Rev	Section	Description	Date
0	All	Initial Issue	28-Jul-17
1	All	Update Entry Fields, included Signature Page	28-Aug-17

B5.1 PURPOSE

The purpose of this Schedule B5 is to obtain the required Vendor Furnished Information (VFI) to accurately conduct the Integrated Logistic Support requirements for design items to be supplied as per the Vessel design. The Schedule B5 must be utilized as a template to obtain VFI from potential Suppliers, Vendors and System Implementation Contractors.

B5.2 Structure

This document is divided into the following sections:

- 1 General Information intended to guide the supplier in the development of systems and equipment defined in the statement of work.
- 2 General Technical Requirements VCRI and Compliance Matrix

B5.3 General Information

- 3 Owner: Government of Canada, Department of National Defence
- 4 Ship type: Joint Support Ship (JSS)
- 5 Design service life (minimum): 30 years
- 6 Maximum length overall: 173.70m
- 7 Beam: 24.0m
- 8 Depth to Main Deck: 14.60m @ Centerline
- 9 Draught DWL: 7.40m
- 10 Number of accommodations: 239
- 11 Machinery plant: 2 x Medium Speed Diesel Engine
- 12 Propulsion type: 2 x controllable-pitch propeller
- 13 Operational Area: Unrestricted with Canadian Arctic ice Rating "Type E" designated by GL ice rating "E"
- 14 Electrical: Diesel Electric Generators
 - (a) 440VAC 60Hz Primary Distribution
 - (b) 115VAC 60 Hz Secondary Distribution

B5.4 INTEGRATED LOGISTICS SUPPORT (ILS)

ILS is an integrated approach to the management of logistic disciplines in the military with a goal of creating systems that last longer and require less support. ILS is defined as a disciplined approach that influences the product design and develops the support solution to optimize the Life Cycle Cost (LCC) and encompasses the technical logistics elements to plan and develop the support requirements for a system. ILS addresses the supportability of the system not only for the acquisition, but also throughout the period of its operational life. The key elements of ILS are as given below.

1. ILS PLANNING

The ILS Plan is a live document that is maintained throughout the project life and it includes the requirements, tasks, interfaces and milestones for various phases of the project. The ILS planning activities coincide with the development of the acquisition strategy for the system and trade-offs are normally required with the development of the ILS elements to acquire a system that is affordable, operable, maintainable, supportable, sustainable and environmentally sound.

2. DESIGN INTERFACE & SUPPORTABILITY ANALYSIS

The design interface and Supportability Analysis (SA) influence the selection and finalization of the functions of the ship and the equipment onboard and their configuration. Some of the basic requirements that need to be considered as a part of the Design Interface include the study of the Reliability, Availability, Maintainability, Safety, Failure Mode Effects and Criticality Analysis etc.

- a. SA consists of the analytical tasks which influence the design of the system to take account of logistic support considerations and identify support issues, readiness requirements and cost drivers as early as possible in the system life cycle.
- b. The design and configuration of the ship and the systems or equipment onboard, identified through the Design Interface and Supportability Analysis, is progressively evolved as the program advances. The control of the design and configuration is achieved through the establishment of a Configuration Management (CM) process based on the ILS principles.

- 3. MAINTENANCE PLANNING**
Maintenance Planning (MP) commences during the initial stages of the acquisition process with the development of the maintenance concept. It defines the repair policy, determines the probable repair tasks for all types of maintenance and identifies the spares, tools, facilities, documentation, techniques and personnel required to execute the maintenance tasks.
- 4. SUPPLY SUPPORT**
Supply Support (SS) identifies the spares to be included in the Technical Documentation. It shall also include the Codification and Ranging and Scaling of the identified spares leading to the development of the initial provisioning list and spares establishment lists.
- 5. SPECIAL TOOLS AND TEST EQUIPMENT**
Special Tools and Test Equipment (STTE) includes all equipment, mobile and fixed, that is required to support the Operation and Maintenance of the ship's systems and equipment onboard.
- 6. FACILITIES AND INFRASTRUCTURE**
Facilities and Infrastructure (F&I) is composed of planning activities which are directed toward ensuring that the physical infrastructure and services, which are required to integrate, operate and maintain the system and equipment onboard the ship, are available concurrently with deployment of the system.
- 7. TRAINING AND TRAINING EQUIPMENT**
Training and Training Equipment (T&TE) support includes the processes, procedures, techniques, and training equipment used to train the personnel to operate and support a system. This element defines qualitative and quantitative requirements for the training of operating and support personnel throughout the life cycle of the system.
- 8. TECHNICAL INFORMATION**
Technical Information (TI) consists of the information necessary to operate, maintain, repair, support and dispose of a product during its life cycle. It includes all kinds of technical data and documentation in the form of drawings, manuals, reports, etc. The availability of the technical data and documentation and their quality has a great impact on the overall delivery of logistic support functions during the life cycle of the ship and the equipment onboard.
- 9. HUMAN FACTOR INTERFACE**
The Human Factor Interface (HFI) involves identification and acquisition of personnel with skills and grades required to operate and maintain a system over its lifetime.
- 10. PACKAGING, HANDLING, STORAGE AND TRANSPORTATION**
Packaging, Handling, Storage and Transportation (PHST) includes resources and procedures to ensure that all equipment and support items are preserved, packaged, marked, handled, transported, and stored properly for short- and long-term requirements.
- 11. DISPOSAL AND TERMINATION**
The disposal of the equipment should be considered at the design phase and take into account the possibilities of re-deployment, sale, waste disposal, the environmental impacts and the possible disposal of recovered material by sale.

B5.5 PHASES OF SHIP'S LIFE CYCLE

A ship's life cycle is generally divided into the following five main phases based on the activities involved in each of the phases. 1-ships-life-cycle

- Concept & Technology Development (C&TD)
- Engineering Development (ED)
- Production & Deployment (P&D)
- Operations & Support (O&S)
- Disposal

The initial ILS strategy to achieve the program requirements for all the elements of ILS are conceived during the Concept and Technology Development phase. The high level strategy for the maintenance of the ship and the equipment onboard is formulated during this phase and it determines the maintenance approach to be adopted during the operational life cycle.

B5.6 COMPLETION OF APPENDIX A AND TABLE 1

Supplier must complete Appendix A and Table 1 for the RFP response.

APPENDIX "A"

to 04 Schedule B5 ILS

Integrated Logistics Support Capabilities

Integrated Logistics Support Capabilities			
Part A - Introduction			
<p>Vancouver Shipyards Company Ltd (the Purchaser or VSY) must implement an Integrated Logistics Support (ILS) program as part of the Joint Support Ship (JSS) scope of work. The ILS program will include analyses to ensure the overall reliability, maintainability and supportability of the JSS fleet and may also be required to establish life cycle costs. In anticipation of this work effort, the Supplier is required to fill out this form (cover sheet, plus one datasheet for each Purchaser part number specified in the Technical Requirements or VCRI's (see Schedules B1 to B4 inclusive of the Resulting Subcontract)). This information will be used to assess the Supplier's ability to contribute to achieving the ILS requirements of the Project.</p>			
<p>The ILS Support Capabilities form consists of Part A - Introduction, Part B - Supplier Information, Part C - Equipment Proposed as well as individual Data Sheets and Cataloguing Data for each Equipment or System listed in Part C. One (1) Data Sheet and one (1) Cataloguing Data sheet is supplied as templates: the Supplier must create as many additional Data Sheets as required to cover all items of the Equipment.</p>			
<p>For Equipment and items of the Equipment that do not already have a NATO Stock Number (NSN) assigned, the Supplier must submit a Cataloguing Data Template for each Equipment or Item of Equipment requiring cataloguing at the time of delivery of Data Items in accordance with Part 4 (ILS) of Schedule D1 (SOW), Schedule D2 (SDRL) and Schedule D3 (DIDs) of the Resulting Subcontract.</p>			
Part B - Supplier Information			
Name :	[*]		
Address :	[*]		
	[*]		
City / Town	[*]		
Province / State	[*]	Postal code / Zip code	[*]
Supplier's Web Site	[*]		
Supplier's CAGE Code	[*]	*if available	
Supplier's Contact details:	Name :	[*]	
	Title :	[*]	
	Phone:	[*]	
	Fax :	[*]	
	Email :	[*]	

Part C – Equipment Proposed		Data Sheets and Cataloguing Data
System or Equipment:	Part Number	Data Sheet #
	[*]	1

Data Sheet			
In the 'Response' column, the Supplier must provide the required information, or provide comments regarding their ability to provide it. If the information exists in documents provided elsewhere (for example: "see the operating manual"; or "see Schedule E of the Resulting Subcontract"), you may simply refer to that location in your Proposal (e.g. "see operating manual, section [x]"). If the information is not currently available, please indicate when the data will be made available.			
#	Title	Description	Response
B5_a	Nomenclature	Name of the Equipment	[*]
B5_b	Equipment Description	High-level description of the Equipment, including capability, type, size, capacity, etc.	[*]
B5_c	Original Equipment Manufacturer (OEM)	Name of Original Equipment Manufacturer (OEM)	[*]
B5_d	Supplier	Name of Supplier (if not the same as OEM)	[*]
B5_e	OEM Part Number	Part Number assigned by OEM	[*]
B5_f	Model No.	Model Number assigned by OEM	[*]
B5_g	NATO Stock Number (NSN)	Provide if one exists	[*]
B5_h	Maintenance Policy	Provide recommendation as follows: D - Discard on Failure RA - Repair / Adjust in situ R by R - Repair by Replacement	[*] [*] [*]
B5_i	Repair Recommendation	Are repairs to be performed by OEM or authorized repair facilities only?	[*]
B5_j	Overhaul Periodicity	Number of operating hours, cycles between overhaul (if applicable)	[*]
B5_k	MTBF (Hours)	Mean Time Between Failures given in hours (or annotate with other measurement base such as cycles)	[*]
B5_l	Reliability Data Source	Reference data source for reliability figures, e.g. test data or based upon field data, etc.	[*]
B5_m	Failure Modes and Effects Analysis (FMEA)	If available.	[*]
B5_n	System Reliability Analysis	If available.	[*]
B5_o	MTTR (Hours)	Mean Time To Repair equipment. (include data source)	[*]
B5_p	Fault Find Method	State main method to fault isolate to failed unit. E.g. manual troubleshooting, operational checks, Built-In-Test (BIT), Condition Based Monitoring (CBM), etc.	[*]
B5_q	Built In Test (BIT) provided or available	State the effectiveness of the BIT to detect some or all failure modes for a given unit. E.g. 90% of failures will be detected by the BIT capabilities.	[*]
B5_r	Troubleshooting	Fault finding or troubleshooting guides for all furnished Equipment. Publications must be submitted with proposal; if not available, indicate when they will be supplied. Class 2 Interactive Electronic Technical Manuals (IETMs) are preferred (indicate if publications are Class 2 IETM). If design changes occur, updated manuals must be provided. Indicate price (and validity period) to purchase IP rights for these publications.	[*]
B5_s	Maintenance Envelope Data	Required operating and maintenance areas with clearance for removal or repair of components, including access diagram.	[*]
B5_t	Planned Maintenance	Required planned (preventative) maintenance man-hours per 1000 operating hours. If planned maintenance requires consumable spares / parts provide cost per 1000 operating hours.	[*]
B5_u	Standard and Special Tools, Test Equipment, and Support Equipment ¹	Provide details of any Special Tools and/or Test Equipment (STTE) required to troubleshoot and/or maintain the Equipment.	[*]
B5_v	Training	Provide details of any recommended OEM training to enable in-service operation / maintenance of the proposed Item / equipment. Details must include if training is CFITES or SCORM compliant (if known), number of trainees per serial, and if there is an option available for training materials/courses in French.	[*]

B5_w	Training Cost	If OEM training (operations or maintenance) is available / recommended, identify and provide cost (original currency) to deliver one (1) serial of each course at the Supplier's premises. Identify separate cost for all related travel, accommodation and <i>per diems</i> in the PAS for Part 4 (ILS) of Schedule D1 (SOW). Indicate pricing validity (duration). Additionally, indicate cost and pricing validity (duration) to purchase end-user IP rights to the training materials.)	[*]
B5_x	Technical Publications and Operating Manuals (Provide publications with Proposal)	Technical publications required for operating, preventative (PM) and corrective maintenance of the equipment, including installation instructions, start-up procedures, recommended Preventative Maintenance / tasks and schedules, and Corrective Maintenance tasks. Publications must be submitted with proposal; if not available, indicate when they will be supplied. Class 2 Interactive Electronic Technical Manuals (IETM) are preferred (indicate if publications are Class 2 IETM). If any design changes occur, updated publications must be provided. Indicate price (and validity period) to purchase IP rights for these publications.	[*]
B5_y	Language of Technical Publications	Technical publications must be provided in English. Indicate if manuals are also available in French (and include cost, pricing validity, availability date, and IP rights cost)	[*]
B5_z	Parts Manual(Provide manual with Proposal)	Parts Manual(s) (Illustrated Parts List). Publication(s) must be submitted with proposal; if not available, indicate when they will be supplied. Class 2 Interactive Electronic Technical Manuals (IETM) are preferred (indicate if publications are Class 2 IETM). If any design changes occur, updated publication(s) must be provided. Indicate price (and validity period) to purchase IP rights for these publications.	[*]
B5_aa	Repair & Overhaul manuals availability and cost	List available repair manuals and overhaul manuals, with associated cost, pricing validity (duration), and indicate if language is in French, English, or Both, and the date when the manual will become available. Class 2 Interactive Electronic Technical Manuals (IETM) are preferred (indicate if publications are Class 2 IETM). Indicate price (and validity period) to purchase IP rights for the manuals.	[*]
B5_ab	Intellectual Property (IP)	Covered in Schedule A (General Conditions) of the Resulting Subcontract: Confirm whether information provided in associated technical publications and training course material may be re-used by VSY to develop operations / maintenance documents to meet ship in-service requirements, as well as the cost (if applicable) and validity period of that price.)	[*]
B5_ac	Safety Precautions	Equipment safety precautions.	[*]
B5_ad	Control Ranges	Instruments and controls with ranges and set points.	[*]
B5_ae	Operating Limits	Operating safe limits (and cautions outside of those limits).	[*]
B5_af	Personal Protective Equipment (PPE)	Identify PPE required for operation and / or maintenance of equipment.	[*]
B5_ag	Cleaning/Testing	Any special cleaning or testing requirements.	[*]
B5_ah	Fail-Over Procedures	In the event of failure of the primary system, indicate the fail-over procedure for the secondary (or backup) system to be brought online, if applicable. If the system automatically fails-over to the backup, please indicate the sequence of events that would occur.	[*]
B5_ai	Shipping Diagram	Shipping diagram shall include: as-shipped dimensions (mm); weight (kg); saddle locations; tie-down details; and requirements for specialized equipment (e.g. cranes) to unload at delivery (if applicable) (see Schedule E of the Resulting Subcontract)	[*]
B5_aj	Shipping Notice		See Part 12 (Logistics) of Schedule D1 (SOW) [*]
B5_ak	Importer Data	Importer's security filing data elements	
B5_al	Packing List	-	See Part 12 (Logistics) of Schedule D1 (SOW) [*]
B5_am	Transportation Considerations	Requirements for preservation and protection of equipment during shipping (such as shock, cold, heat, power, etc.)	[*]
B5_an	Storage Considerations	-	See Part 12 (Logistics) of Schedule D1 (SOW) [*]
B5_ao	Weight (Kgs)	-	See Schedule E [*]
B5_ap	Weight (Kgs) (unpackaged)	-	See Schedule E [*]
B5_aq	Volume (LxWxH) in mm (Packaged)	-	[*]
B5_ar	Volume (LxWxH) in mm (unpackaged)	-	[*]
B5_as	Material Safety Data Sheets (MSDS)	Material Safety Data Sheets (MSDS)	[*]
B5_at	Material Properties Sheets	Material properties sheets	[*]
B5_au	Procurement Lead Time	-	[*]
B5_av	Unit Cost	Purchase price per unit.	[*]

B5_aw	Repair Turn Around Time (Weeks)	In the event that the item is returned to the OEM / Supplier for repair, what is the average repair turn-around time (including shipping back to Navy/DND at Esquimalt, BC)	[*]
B5_ax	Supplier Repair Cost	Average total cost (current year) to repair a failed unit by the OEM / Supplier (in Canadian dollars), including return shipping to Esquimalt, BC.	[*]
B5_ay	Manufacturers' Recommended Spare Parts Lists	<ul style="list-style-type: none"> • Classification Society required spares¹ • Commissioning Spares List, Harbour and Sea Trial List (sometimes referred to as INCO Spares)¹ • Carried On Board Spares List and Base Spares List required to support (6) months of operation with unit prices (For example, assume 10,000 hrs.)¹ • Insurance spares (subject to early obsolescence or in low demand but nevertheless spare needed) (add to Base Spares List and indicate as 'Insurance Spares')¹ 	<ul style="list-style-type: none"> • [*] • [*] • [*] • [*]
B5_az	Warranty Period	See section 1 Articles of Agreement of the Resulting Subcontract	[*]
B5_ba	Expiry	Date of Manufacture (DOM) and Expiry Date in accordance with Part 4 (ILS) of Schedule D1 (SOW) 6 weeks prior to shipment or pick up.	[*]
B5_bb	Equipment / Parts Obsolescence (Months)	Elapsed months from Delivery Date to when Equipment/Items of the Equipment will become unavailable due to obsolescence	[*]
B5_bc	Next Generation	Plans for introduction of successor generation	[*]
B5_bd	Schedule E	Provide the following Schedule E tabs in ILS folder (only the specified tabs are to be included in the ILS folder)	Ship Equip List; Carried On Board Spares; Carried On Board STTE; [*]

Cataloguing Data Template
 Items of the Equipment recommended for procurement by the Supplier require a NATO Stock Number (NSN). Items that do not already have NSNs must go through the Department of National Defence (DND) cataloguing process, whereby NSNs are assigned.

The Supplier must complete this Cataloguing Data Template with Provisioning Technical Documentation for each item of the equipment requiring cataloguing, attaching pages such as drawings or Specification sheets as necessary. Each item to be catalogued will have a data package. The required data is prescribed by the End User to enable the cataloguers to distinguish the subject item from similar but non-interchangeable items.

Identify the "Item to be catalogued" as fully as possible: description of the Equipment; Manufacturer; Model (if applicable); Manufacturer's Part No.; Commercial and Government Entity (CAGE) code (if available).

Cataloguing Data #	1	Item to be catalogued:	: [*]
#	Required Data	Response	
B5_1	Drawings and illustrated parts lists	[*]	
B5_2	Technical and repair specifications	[*]	
B5_3	Physical and electrical characteristics	[*]	
B5_4	Performance data, including operating conditions	[*]	
B5_5	Mounting requirements	[*]	
B5_6	Commercial catalogue data	[*]	
B5_7	Calibration requirements	[*]	
B5_8	Any special packaging, handling, storage, or transportation requirements beyond commercial practice?	[*]	
B5_9	Any maintenance that must be completed while the item is in storage?	[*]	
B5_10	Hazardous material data?	[*]	
B5_11	ITAR/Controlled Goods information?	[*]	
B5_12	Disposal requirements?	[*]	

Table 1 – Interface Requirements, VCRI and Compliance Matrix for the Equipment and Deliverable Software

1 The explanation of the VCRI and Compliance Matrix is set out in Schedule B1 (End User's Requirements, VCRI and Compliance Matrix). The explanation applies to all VCRI and Compliance Matrix.

Line Item #	CDS Ref	Section	Performance/Requirement Statement	Noted	Compliant		Acceptance Events						Criteria	Condition	Remarks Comments	Reqd By	Test Type	Customer Approval
					Yes	No	CAT 0 D/R	CAT 1 FAT	CAT 2 ET	CAT 3 SBT	CAT 4 HAT	CAT 5 SAT						
B5_1	070-00410	General Requirements for Design And Construction	The ship must have five-year operational cycles, which conclude with a docking work period.	Y														
B5_2	070-00630	General Requirements for Design And Construction	The ship must have at-sea endurance independent of supplies of 30 days.	Y														
B5_4	070-00740	General Requirements for Design And Construction	The JSS must be designed for a performance life span of 30 years.	Y														
B5_5	070-00990	General Requirements for Design And Construction	All the aids necessary for planned maintenance (special tools, etc.) must be included in the scope of delivery.	Y														
B5_6	071-00131	Access	System design must allow for a sufficient maintenance envelope to ensure easy access for the conduct of maintenance.	Y														
B5_7	071-00132	Access	Ship's equipment and subassemblies must have removal routes to ship access points.	Y														
B5_9	076-00030	Reliability and Maintainability	The total second line maintenance for JSS must be achievable within 75 working days per year.	Y														
B5_10	076-00040	Reliability and Maintainability	The preventive maintenance plan must accommodate the periodicity of second and third line scheduled maintenance actions of a minimum of 180 days.	Y														
B5_11	076-00050	Reliability and Maintainability	The JSS maintenance plan must reflect the five-year operational cycle.	Y														
B5_12	076-00250	Reliability and Maintainability	The total time spent to conduct preventive, predictive and corrective maintenance assigned to a first line resources must not exceed 50 hours per month for each maintainer.	Y														
B5_13	076-00260	Reliability and Maintainability	The Active Maintenance Time to conduct level one maintenance must not exceed 4.0 hours for 95 percent of maintenance routines.	Y														
B5_14	081-00050	Maintenance	The ship maintenance program must utilize available equipment health monitoring (EHM) systems, if supplied with the equipment.	Y														
B5_15	082-00220	Support and Test Equipment	Special Tools and Test Equipment (STTE) required in support of first and second level maintenance must be identified and rationalized.	Y														
B5_16	083-00002	Supply Support	An initial 6-month supply of spares and consumables required for first line maintenance must be identified.	Y														
B5_17	083-00003	Supply Support	An initial 30-day supply of spares and consumables required for level two maintenance must be identified.	Y														
B5_19	083-00010	Supply Support	Insurance Spares must be identified.	Y														
B5_20	083-00011	Supply Support	Classification Society required spares must be identified.	Y														
B5_21	083-00030	Supply Support	The ship equipment must have identification marking in accordance with CFTO D-02-002-001/SG-001 "Identification Marking of Canadian Military Property".	Y														
B5_22	083-00040	Supply Support	Unique Item Description (UID) must be applied, in accordance with NATO STANAG 2290, to items that meet the following criteria:															
B5_23	083-00041	Supply Support	All items that are Configuration Items;	Y														
B5_24	083-00042	Supply Support	All items that are subject to Preventive Maintenance;	Y														
B5_25	083-00043	Supply Support	All items that are subject to Classification Society Inspections and Surveys;	Y														
B5_26	083-00044	Supply Support	Training equipment, as applicable;	Y														
B5_27	083-00045	Supply Support	Special Tools and Test Equipment.	Y														
B5_28	083-00050	Supply Support	The 2-Dimensional Data Matrix Unique Item Identifier (UII) mark must be applied and positioned immediately adjacent to, or as part of, the equipment Nameplate/Label/Identification Plate.	Y														
B5_29	084-00050	Transportation and Handling	Each repairable and consumable spare part, bulk item, special tool and test equipment or training equipment delivered to Canada must meet the packaging, handling, storage and transportation requirements.	Y														
B5_30	084-00060	Transportation and Handling	Items requiring special PHST consideration must be identified and the specific requirements provided.	Y														
B5_31	086-00020	Technical Manuals and Other Data	The ships must be provided with all the technical data and documentation necessary for operation and maintenance of the systems and equipment through their life including disposal.	Y														
B5_33	088-00020	Personnel and Training	The ship must be provided with a JSS Training Program that will allow the ship's personnel and other DND personnel to acquire and maintain the skills and knowledge for the operation and maintenance of the ship's systems and equipment.	Y														

2 **Source of requirements:** JSS-SEM-210 JSS Contract Design Specifications (CDS) 29 Feb 2016.

3 **Instructions:**

to be completed by the Supplier. i.e. insert Yes/NO for compliance, insert Noted where required, insert Acceptance Method, Criteria, etc.

to be completed by the Purchaser

4 **Legend Overleaf**

Column No.	Column Title	Column Description
0	Line Item #	Means this is the local identifier for this document.
1	CDS Ref	Means Contract Design Specification
2	Sect	Means 'section' and refers to applicable Phase of the SOW
3	Performance/Requirement Statement	Refers to the performance / requirement statement in the DBS
4	Compliant?	Refers to the Supplier's response to Performance / Requirement Statement (column 5)
5	Noted	Refers to Supplier noting the statement but no Acceptance criteria required
-	Acceptance Categories	Acceptance Events or 'Acceptance Categories'. i.e. methods for demonstrating conformance to the Technical Requirements
6	D/R	Documentation/Reports
7	FAT	Factory Acceptance Test
8	ET	Environmental Trials
9	SBT	Shore Based Trial
10	HAT	Harbour Acceptance Trial
11	SAT	Sea Acceptance Trial
12	CT	Customer Trials
13	Criteria	'Pass/Fail' criteria
14	Condition	conditions or constraints when performing acceptance criteria
15	Remarks/Comments	Remarks and comments as required
16	Reqd By	Required By date (DDMMYY)
17	Test Type	e.g. 'Test and Achieve', 'Test and Declare', etc....
18	Customer Approval	Does the Customer have to 'approve' the Test Type and results. Yes/No