

**ANNEXURE-I**

**LIST OF ABBREVIATIONS**

**A**

AA	Administrative Authority
ABER	Anticipated Beyond Economical Repairs
ACOL	Assistant Controller of Logistics
ACOM	Assistant Chief of Material
ACOM (IT&S)	Assistant Chief of Material (Information and Technology and Systems)
ACOM (D&R)	Assistant Chief of Material (Dockyard and Refit)
A/DGM (P&A)	Additional/Deputy General Manager (Personnel and Administration)
AGM (PL)	Additional General Manager (Planning)
AMP	Assisted Maintenance Period
ARC	Annual Refit Conference
A's & A's	Additions and Alterations
ASD	Admiral Superintendent Dockyard
AWPA	Annual Works and Production Account
ATN	Action Taken Note

**B**

BER	Beyond Economical Repair
BLR	Beyond Local Repair
BOO	Board of Officers
BP	Board Proceedings

**C**

CAS	Cost Accounting Section
CCPA	Cabinet Committee Political Affairs
CCS	Cabinet Committee on Security
CFA	Competent Financial Authority
CNC	Commander-in-Chief
COL	Controller of Logistics
COM	Chief of Material
CSL	Cochin Shipyard Limited
CST	Comparative Statement of Tenders

**D**

DA	Diesel Alternator
DCD	Dockyard Completion Date
DD	Dry Dock
DDCOST	Deputy Director Cost Accounts
DFM	Directorate of Fleet Maintenance
DGNP	Director General Naval Project
DIT	Directorate of Information Technology
DL	Defect List
DLS	Directorate of Logistic Support
DME	Directorate of Marine Engineering
DNA	Directorate of Naval Architect
DODY	Directorate of Dock Yard
DOI	Directorate of Indigenisation
DPM	Defence Procurement Manual

DPP	Defence Procurement Procedure
DWE	Directorate of Weapon Equipment

**E**

ECS	Electronic Clearing System
ESR	Extended Short Refit

**F**

FA	Financial Advisor
FCL	Forecast List
FMU	Fleet Maintenance Unit

**G**

GM (R )	General Manager (Refit)
GM (T)	General Manager (Technical)
GRSE	Garden Reach Ship builders and Engineers
GT	Gas Turbine
GTA	Gas Turbine Aggregates

**H**

HQ	Headquarter
HQENC	Headquarter Eastern Naval Command
HQSNC	Headquarter Southern Naval Command
HQWNC	Headquarter Western Naval Command

**I**

IHQ	Integrated Headquarters
ILMS	Integrated Logistic Management System
IN	Indian Navy
INS	Indian Naval Ship

**L**

LOI	Letter of Intent
LTE	Limited Tender Enquiry

**M**

MES	Military Engineering Services
MLU	Mid Life Update
MO	Material Organisation
MoD	Ministry of Defence
MR	Medium Refit
MS	Material Superintendent
MU	Matrix Unit
MYC & R	Manager Yard Craft and Requisitions
MYRR	Mid Year Refit Review

**N**

NA	Not Applicable
ND	Naval Dockyard
NR	Normal Refit
NSRY	Naval Ship Repair Yard

**O**

OEM	Original Equipment Manufacturer
OCRC	Operation cum Refit Cycle
OPDEF	Operational Defects
OTE	Open Tender Enquiry

**P**

PAC	Proprietary Article Certificate
PCDA (N)	Principal Controller of Defence Accounts (Navy)
PCD	Planned Completion Date
PDD	Post Defectation Demand
PNC	Price Negotiation Committee
PSU	Public Sector Unit

**R**

RA	Refitting Authority
RGS	Reduction Gears
RC	Refit Coordinator
RM	Raksha Mantri
RPP	Refit Planning Programme

**S**

SATs	Sea Acceptance Trials
SDL	Standard Defect List
SLEP	Ship Life Extension Programme
SNF	Surendranath Frigate
SO	Staff Officer
SOC	Statement Of Case
SEWS	Ship Borne Electronic Warfare
SMP	Self Maintenance Period
SONAR	Sound Operated Navigation Range
SOR	Schedule of Requirement
SR	Short Refit

STE Single Tender Enquiry

STW Set To Work

**T**

TA Technical Advisor

TEC Technical Evaluation Committee

TNC Technical Negotiation Committee

TOC Tender Opening Committee

**U**

UW Under Water

**W**

WC Work Centre

WCC Work Completion Certificate

## ANNEXURE II

### Information collated from Defense Service Estimates pertaining to expenditure related to Refits

#### a) Expenditure on off-loaded refits

The expenditure incurred on refit of naval ships offloaded by Naval Dockyards to public sector undertakings (PSUs), private firms and sent abroad is tabulated below for the period 2005-06 to 2010-11.

(₹ in crore)

Year	Payment to PSUs	Payment to Private Firms	Payment for repairs abroad	Total
<b>2005-06</b>	55.76	72.70	89.84	218.30
<b>2006-07</b>	66.63	115.55	57.50	239.68
<b>2007-08</b>	42.68	113.46	20.63	176.77
<b>2008-09</b>	25.25	147.20	38.47	210.92
<b>2009-10</b>	47.82	260.46	1.27	309.55
<b>2010-11</b>	42.10	217.72	56.03	315.85

Sub-Head 106 (A), Code No. 627/01 relates to payments to PSUs, Code No. 627/02 relates to payments to Private Firms and Code No. 627/03 relates to payments for repairs abroad.

#### b) Expenditure on civilian pay and allowances at dockyards

The details of pay and allowances of civilians employed at various dockyards is tabulated below:

(₹ in crore)

Year	Civilian Officers	Civilian Others	Industrial Employees	OTA Others	OTA Industrial Employees	Medical treatment	Total
<b>2005-06</b>	6.20	72.78	148.76	30.01	55.63	5.99	319.37
<b>2006-07</b>	8.23	76.66	160.01	25.61	56.63	7.01	334.15
<b>2007-08</b>	8.70	83.60	172.02	26.04	65.13	5.71	361.20
<b>2008-09</b>	9.52	128.94	263.72	28.12	69.11	6.18	505.59
<b>2009-10</b>	11.74	170.34	353.88	24.43	67.33	8.11	635.83
<b>2010-11</b>	11.66	157.37	341.74	24.16	82.74	9.18	626.85

The above expenditure is booked to Major Head 2077-Navy, Minor Head-104 Pay & Allowances of civilians.

**c) Expenditure on pay and allowances of service officers and sailors posted at repair organisation**

Minor Head-101, Sub-Head A has a detailed code head 600/05 for booking of expenditure relating to pay & allowances of service officers posted in repair organizations and Sub Head B has a detailed code head 601/04 for booking of expenditure relating to pay & allowances of sailors posted in repair organisations. The pay and allowances, booked for officers and sailors posted in repair organizations, during the period from 2005-06 to 2010-11 are tabulated below:

( ₹ in crore)

Year	Officers	Sailors	Total
2005-06	17.30	12.87	30.17
2006-07	18.84	15.30	34.14
2007-08	21.37	20.73	42.10
2008-09	34.90	35.71	70.61
2009-10	59.50	51.15	110.65
2010-11	48.58	43.67	92.25