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CMAXS

Spare Parts Inventory Control

Operation Manual

(Shipboard System)

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1. System Outline

This system facilitates spare parts control for onboard machinery. There are major functions for spare parts inventory control and procurement of required spare parts etc. It consists of Headquarters System and Shipboard System installed on the ships managed under this system. Moreover, the user are restricted for each function as below.

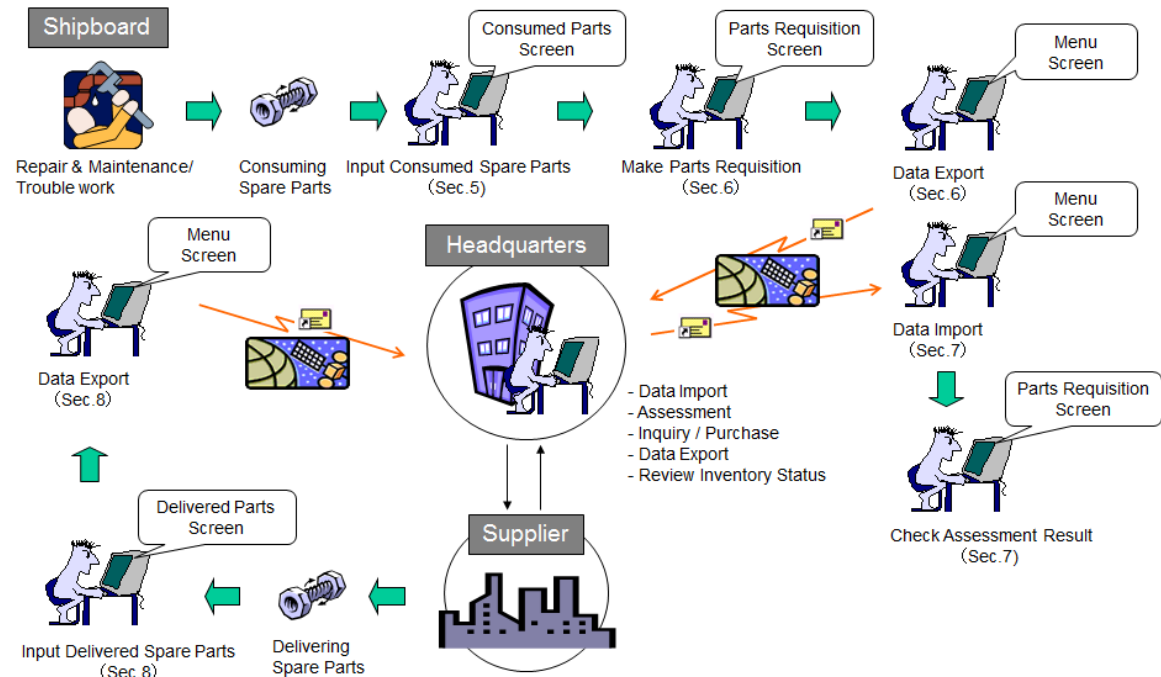
1.1 Main Function

User : A:Administrator B:Approval C:Input D:Review

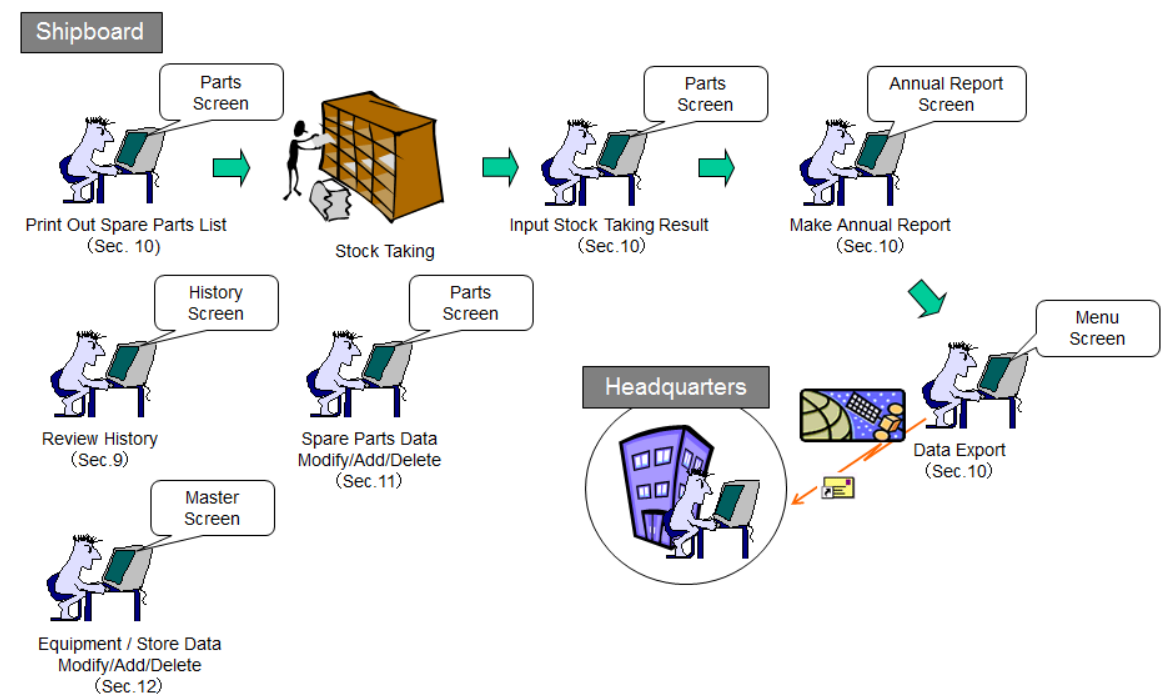
Item	Function	Headquarters	Shipboard	
Consumed Parts	Review	—	D	—
	Select & Input	—	C	
	Complete	—	C	
Parts Requisition	Review	D	D	5
	Select & Input	—	C	
	Complete	—	B	
Order Assessment	Review	D	D	7
	Input	C	—	
Order Sheet	Review	D	—	7
	Generate	C	—	
Delivered Parts	Review	D	D	8
	Select & Input	—	C	
	Complete	—	B	
History	Review	D	D	9
Annual Report	Review	D	D	10
	Input	—	C	
	Complete	—	B	
Master Data (Spare Parts)	Review	D	D	11
	Modify/Add/Delete	—	C	
	Modify (Spare Qty & SMS)	B	—	
Master Data (Equipment)	Review	D	D	12
	Modify/Add/Delete	—	C	
Master Data (Store)	Review	D	D	13
	Modify/Add/Delete	—	C	
Master Data (Supplire)	Review	D	—	14
	Modify/Add/Delete	C	—	
Data Export / Import	Execution	C	C	6,7,8,10
User Authority and Password	Modify	A	A	エラー! 参照元が見つかりません。
Controls	Modify	B	B	16

Data Backup / Restore	Execute	C	C	17
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1.2 Basic Operational Flow (Routine Work)



1.3 Basic Operational Flow (Occasional Work)



1.4 System requirement

The system requirement is as follow.

PC	IBM PC/AT compatible with Intel Pentium IV processor (or equivalent) and later
OS	WindowsXP/VISTA/7
RAM	512MB (1024MB recommended)
Free hard-disk space	50MB (Depend on Package software number and kinds)
Monitor	XGA (1024 x 768) or higher-resolution monitor with 32bit

1.5 About the version up of program

Ver.7.x.x

— — —

| | |-- In case of a small-scale revision of program.

| |---- In case of a medium-scale revision of program.

|----- In case of a large-scale revision of program.

2. System Start / Stop

2.1 Star of Spare Parts Inventory Control System

1. On the MS-Windows Desktop screen, double-click "CMAXS" folder and "Spare Parts Inventory Control System" icon in that folder.



2. Login Dialog"(Fig.2.2.1) is displayed. Input password and press [Enter] key.
 ※ As default set, "C/E" (Chief Engineer) for administrator authority is registered. Please change user authority and password before actual operation. As for user authority and password, refer to Section 13.

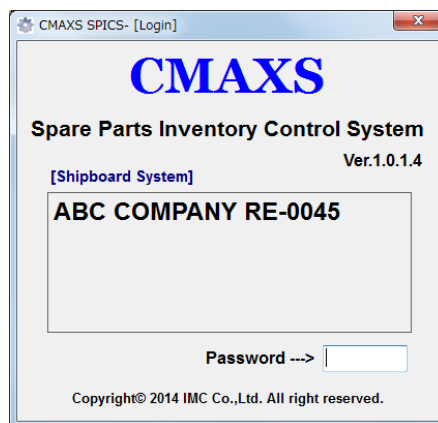


Fig 2.2.1 Login

3. "Guidance Dialog"(Fig.2.2.2) is displayed. Confirm your login name and authority.

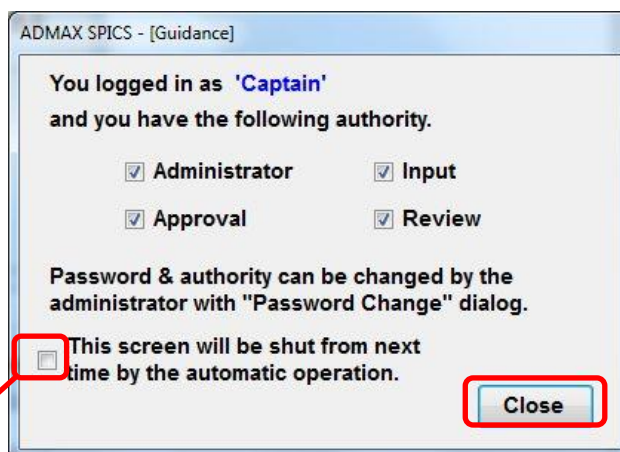


Fig 2.2.2 Guidance

4. Select [Close] button.

5. "Menu Screen"(Fig.2.2.3) is displayed.

No	Ship's Name	Code	Delivery
1	IHI MARU	IHI	2008/11/26

Date	Requisition Data	Delivered Data	Master Data
Import	Export	From	To
2011/11/16	2011/11/16	2011/11/16	2011/11/16
2011/11/16	2011/11/16	2011/11/16	2011/11/16
2011/11/16	2011/11/16	2011/11/16	2011/11/16

Fig 2.2.3 Menu

6. If you want to end the system, select [x] button of right upper corner.

3. Screen Description

3.1 [Menu] Screen

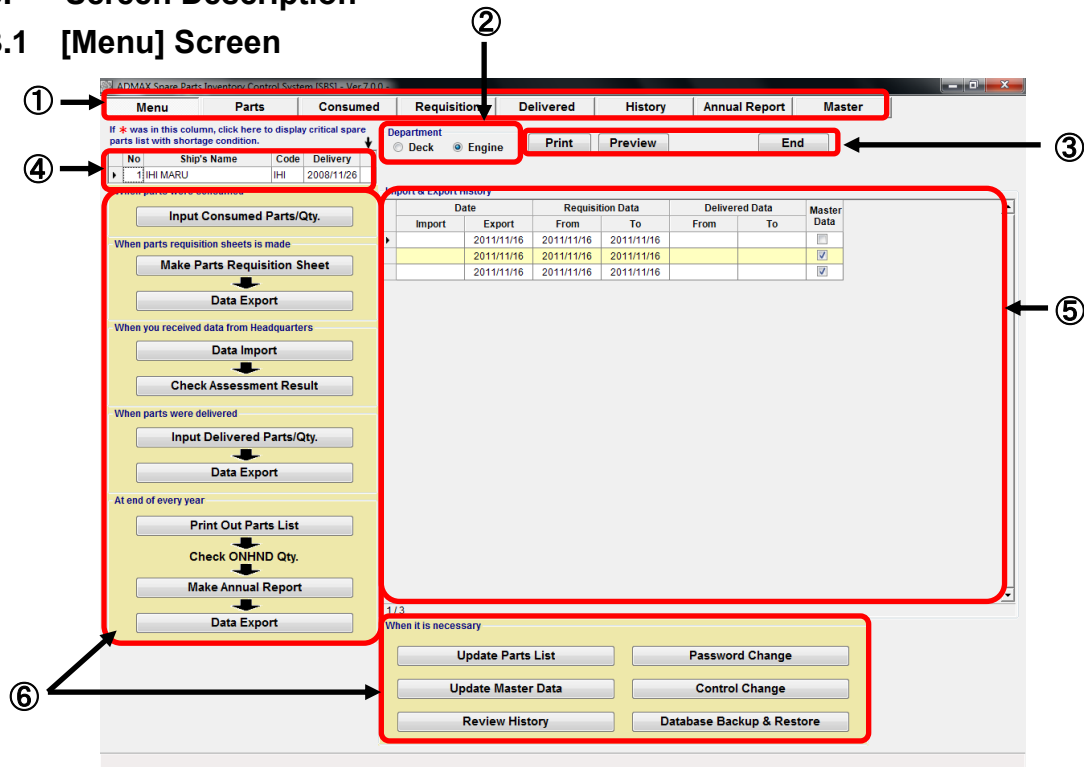


Fig 3.1 Menu

- ① Menu
- ② Department
- ③ Operation button
- ④ Ship List
- ⑤ Import & Export History
- ⑥ Workflow

3.2 [Parts] Screen

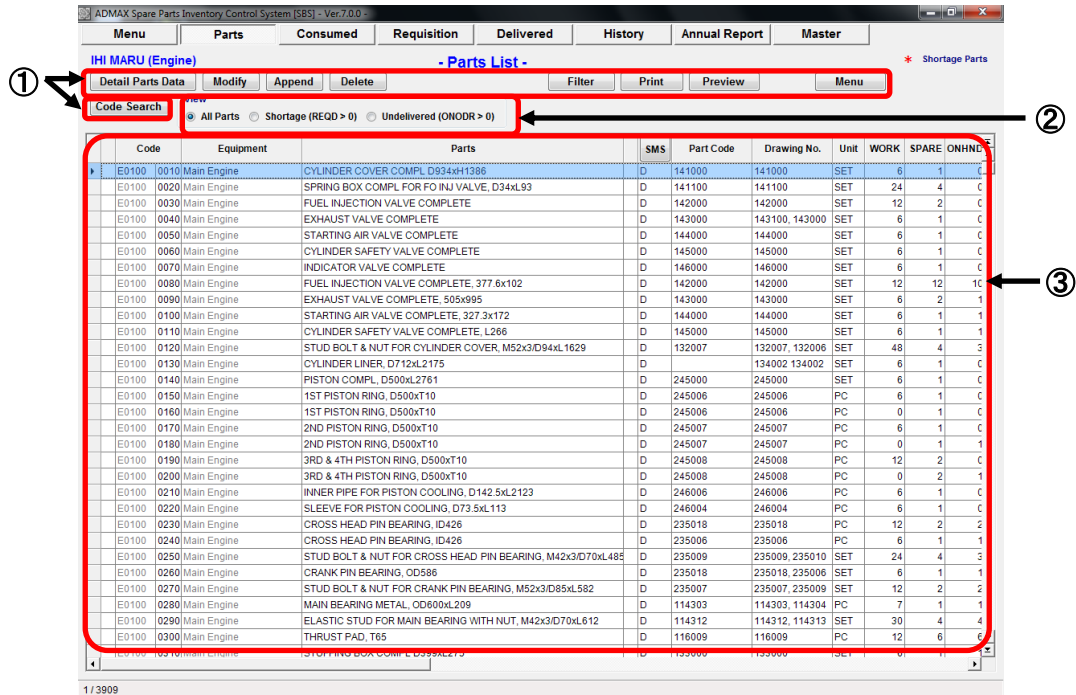


Fig 3.2 Parts

① Operation button

[Detail Parts Data]	: Sec. 3.3
[Modify]	: Sec.11.1
[Append]	: Sec.11.2
[Delete]	: Sec.11.3
[Print]	: Print out Parts List.
[Preview]	: Print review.
[Menu]	: Sec.3.1
[Code Search]	: Sec.16.1

② View select

All Parts	: Display of All Parts.
Shortage (Required > 0)	: Display of Parts Shortage.
Undelivered (On Order > 0)	: Display of Undelivered Parts.

③ Parts List

(1) Code	: Equipment code and/or spare parts code
(2) Equipment	: Equipment name
(3) Parts	: Spare parts name
(4) SMS	: Spare parts type (This title can be changed. Refer to Section 14)
(5) Part Code	: Maker's spare parts' code
(6) Drawing No.	: Drawing Number
(7) Unit	: Unit for spare parts
(8) Working	: Spare parts working quantity
(9) Standard	: Standard spare parts stock quantity
(10) Spare R.O.B	: Current spare parts stock quantity
(11) On Order	: Un-received spare parts quantity
(12) Required	: Required = Standard – (Spare R.O.B + On Order)
(13) Item Code	: Spare parts drawing + page + item number
(14) Cost Code	: Cost code for budget control
(15) Price	: Spare parts unit price
(16) Store	: Store location
(17) Remarks	: Remarks

3.3 [Parts Detail] Dialog

Parts Detail

Code: E0100 0110 Equipment: MAIN ENGINE
Cost: Maker: KOBE DIESEL CO., LTD
Parts: CYLINDER SAFETY VALVE COMPLETE, L266
Part Code: 145000 Drawing No.: 145000 Unit: SET
SMS: D Item Code: MACH-1, PA4, Item4
WORK: 6 SPARE: 1 ONHND: 1 ONDRD: 0 REOD: 0
Store: ---
Unit Price: 0.00 (US\$)
Remarks: SAME PART AS E0100 0060

History

Made On	Qty.	Code	Maintenance Item	Qty.	Requisition No.	Qty.	Delivered Port
11/16/2011						1	test
11/16/2011	1	-----					
11/16/2011							

<< Previous Next >> Modify Append Delete Print Preview Close

Fig 3.2 Parts Detail

- ① Parts Detail
- ② Consumption, Requisition & Delivery History
 - (1) Made On :
 - (2) Consumption Qty. :
 - (3) Consumption Code :
 - (4) Consumption Maintenance Item :
 - (5) Order Qty. :
 - (6) Order Requisition No. :
 - (7) Delivered Qty. :
 - (8) Delivered Port :
 - (9) Unit Price :
- ③ Operation button
 - [<< Previous] :
 - [Next >>] :
 - [Modify] :
 - [Append] :
 - [Delete] :
 - [Print] :
 - [Preview] :
 - [Close] :

3.4 [Consumed] Screen

ADMAX Spare Parts Inventory Control System [SBS] - Ver.7.0.0 -

Menu Parts Consumed Requisition Delivered History Annual Report Master

IHI MARU (Engine) - Consumed Parts List -

Print Preview Menu

Consumed Date 2011/11/16 Maintenance Code

Item

Made on 2011/11/16 by Captain

① Select CSMD Date/Maintenance ⇒ Select CSMD Parts ⇒ Input CSMD Qty. ⇒ Complete

Code	Equipment	Parts	WORK	SPARE	ONHND	CSMD	Item Code	Cost Code
E0100	0160 Main Engine	1ST PISTON RING, D500xT10	0	1	0	1	MACH-1, PA5, Itel	SAME PART AS
E0100	0200 Main Engine	3RD & 4TH PISTON RING, D500xT10	0	2	1	1	MACH-1, PA5, Itel	SAME PART AS
E0100	0210 Main Engine	INNER PIPE FOR PISTON COOLING, D142.5xL2123	6	1	0	1	MACH-1, PA5, Itel	
E0100	0220 Main Engine	SLEEVE FOR PISTON COOLING, D73.5xL113	6	1	0	1	MACH-1, PA5, Itel	
E0100	0250 Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3/070xL485	24	4	3	1	MACH-1, PA6, Itel	

②

③

④

1/5

Fig 3.4 Consumed

① Workflow button

[Select Consumed Date/Maintenance] : Sec.3.5

[Select Consumed Parts] :

[Input Consumed Qty.] :

[Complete] :

② Operation button

[Print] : Print out Parts List.

[Preview] : Print review.

[Menu] : Sec.3.1

③ Property of spare parts consumption data

④ Consumed spare parts data

(1) Code : Equipment code and/or spare parts code

(2) Equipment : Equipment name

(3) Parts : Spare parts name

(4) Working : Spare parts working quantity

(5) Standard : Standard spare parts stock quantity

(6) Spare R.O.B : Current spare parts stock quantity

(7) Consumed : Consumed spare parts quantity

(8) Item Code : Spare parts drawing + page + item number

(9) Cost Code : Cost code for budget control

(10) Remarks : Remarks

3.5 [Consumed List] Screen

Consumed Date	Code	Maintenance Item	Made On Date	Status	Total Data
2011/11/16	-----		2011/11/16	<input checked="" type="checkbox"/>	5
2011/11/16	E0100050	Item05	2011/11/16	<input checked="" type="checkbox"/>	3

Fig 3.5 Consumed List

① Operation button

- [New] : Make new consumption data
 [Modify] : Modify consumed date, maintenance code, item and made on date
 [Delete] : Delete specified consumption data
 [Print] : Print out Parts List.
 [Preview] : Print review.
 [Close] : Close screen

② Consumption History

- (1) Consumed Date :
 (2) Maintenance Code :
 (3) Maintenance Item :
 (4) Made On Date :
 (5) Made On Status :
 (6) Total Data :

3.6 [Requisition] Screen

ADMAX Spare Parts Inventory Control System [SBS] - Ver.7.0.0 -

Menu Parts Consumed Requisition Delivered History Annual Report Master

IHI MARU (Engine) - Parts Requisition -

* shows there is comments of Shipboard and/or Headquarters

Code No. 740 Requisition No. test2

Print Preview Menu

Urgent Routine Dock Use

Delivered Date 2011/11/16 - 2011/11/30

Delivered Port Futsu

Made on 2011/11/16 by Captain

Assessed on by

1 Select Requisition No. Select REQD Parts Input Order Qty. Complete

Code	Equipment	Parts	WORK	SPARE	ONHND	ONODR	REQD	ORDR	Item Code	Cost Code
E0100	0160 Main Engine	1ST PISTON RING, D500xT10	0	1	0	0	1	1	MACH-1_PA5, Ite	
E0100	0200 Main Engine	3RD & 4TH PISTON RING, D500xT10	0	2	1	0	1	1	MACH-1_PA5, Ite	
E0100	0210 Main Engine	INNER PIPE FOR PISTON COOLING, D142.5xL2123	6	1	0	0	1	1	MACH-1_PA5, Ite	
E0100	0220 Main Engine	SLEEVE FOR PISTON COOLING, D73.5xL113	6	1	0	0	1	1	MACH-1_PA5, Ite	
E0100	0250 Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3/070xL485	24	4	3	0	1	1	MACH-1_PA6, Ite	

Fig 3.6 Requisition

① **Workflow button**

[Select Requisition No.] : Sec 3.7

[Select Required Parts] :

[Input Order Qty.] :

[Complete] :

② **Operation button**

[Print] : Print out Parts List.

[Preview] : Print review.

[Menu] : Sec.3.1

③ **Property of spare parts requisition data**

④ **Required spare parts data**

(1) Code : Equipment code and/or spare parts code

(2) Equipment : Equipment name

(3) Parts : Spare parts name

(4) Working : Spare parts working quantity

(5) Standard : Standard spare parts stock quantity

(6) Spare R.O.B : Current spare parts stock quantity

(7) Order : Required spare parts quantity

(8) Item Code : Spare parts drawing + page + item number

(9) Cost Code : Cost code for budget control

(10) Remarks : Remarks

3.7 [Order List] Dialog

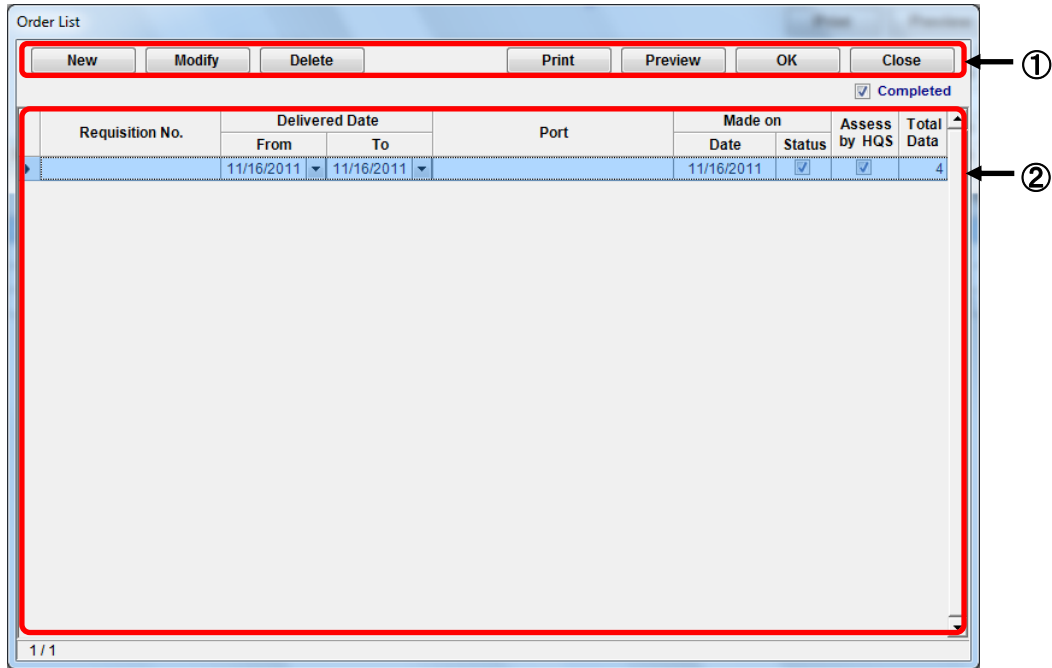


Fig 3.7 Order List

① Operation Button

- [New] : Make new requisition data
- [Modify] : Modify requisition No, delivered date, port and made on date
- [Delete] : Delete specified requisition data
- [Print] : Print out Parts List.
- [Preview] : Print review.
- [Close] : Close screen

② Requisition History

- (1) Requisition No. :
- (2) Delivered Date From :
- (3) Delivered Date To :
- (4) Port :
- (5) Made On Date :
- (6) Made On Status :
- (7) Assess by HQS :
- (8) Total Data :

3.8 [Delivered] Screen

ADMAX Spare Parts Inventory Control System (SBS) - Ver.7.0.0 -

Menu Parts Consumed Requisition Delivered History Annual Report Master

IHI MARU (Engine) - Delivred Parts List -

Requisition No. []

Delivered Date 1/1 Delivered Port test Made on 11/16/2011 by Captain

Print Preview Menu

① Select Delivered Date ⇒ Select Delivered Parts ⇒ Input Delivered Qty. ⇒ Complete

Code	Equipment	Parts	WORK	SPARE	ONHND	ONOOR	ASSESS	DELIV	Item Code	Cost Code
E0100	0090 Main Engine	EXHAUST VALVE COMPLETE, 505x995	6	2	2	0	1	2	MACH-1, PA4, Itel	
E0100	0100 Main Engine	STARTING AIR VALVE COMPLETE, 327.3x172	6	1	1	0	1	1	MACH-1, PA4, Itel	
E0100	0110 Main Engine	CYLINDER SAFETY VALVE COMPLETE, L266	6	1	1	0	1	1	MACH-1, PA4, Itel	
E0100	0120 Main Engine	STUD BOLT & NUT FOR CYLINDER COVER, M52x3/D94xL1629	48	4	4	0	1	1	MACH-1, PA4, Itel	

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Fig 3.8 Delivered

① **Workflow button**

[Select Delivered Date] : Sec 3.9
 [Select Delivered Parts] :
 [Input Delivered Qty.] :
 [Complete] :

② **Operation button**

[Print] : Print out Parts List.
 [Preview] : Print review.
 [Menu] : Sec.3.1

③ **Property of spare parts delivery data**

④ **Delivered spare parts data**

(1) Code : Equipment code and/or spare parts code
 (2) Equipment : Equipment name
 (3) Parts : Spare parts name
 (4) Working : Spare parts working quantity
 (5) Standard : Standard spare parts stock quantity
 (6) Spare R.O.B : Current spare parts stock quantity
 (7) On Order : Un-received spare parts quantity
 (8) ASSESS : Assessed spare parts quantity by Headquarters
 (9) Delivered : Delivered spare parts quantity
 (10) Item Code : Spare parts drawing + page + item number
 (11) Cost Code : Cost code for budget control
 (12) Remarks : Remarks

3.9 [Delivered List] Dialog

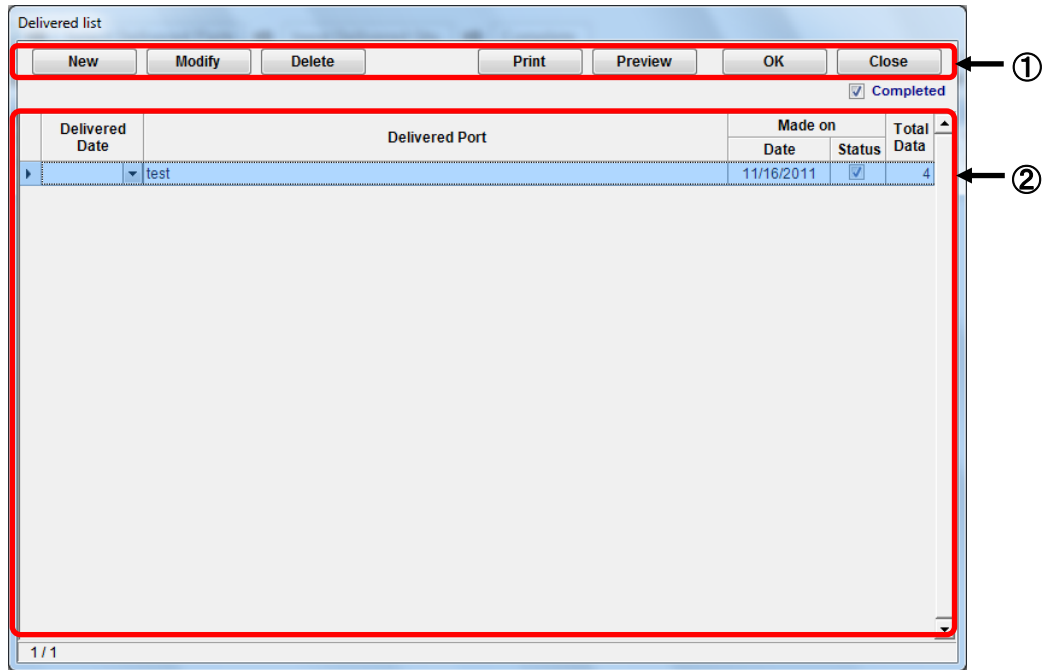


Fig 3.9 Delivered List

① Operation button

- [New] : Make new delivery data
- [Modify] : Modify delivered date, port and made on date
- [Delete] : Delete specified delivery data
- [Print] : Print out Parts List.
- [Preview] : Print review.
- [Close] : Close screen

② Delivery History

- (1) Requisition No. :
- (2) Delivered Date From :
- (3) Delivered Date To :
- (4) Port :
- (5) Made On Date :
- (6) Made On Status :
- (7) Assess by HQS :
- (8) Total Data :

3.10 [History] Screen

3.10.1 Consumed Parts

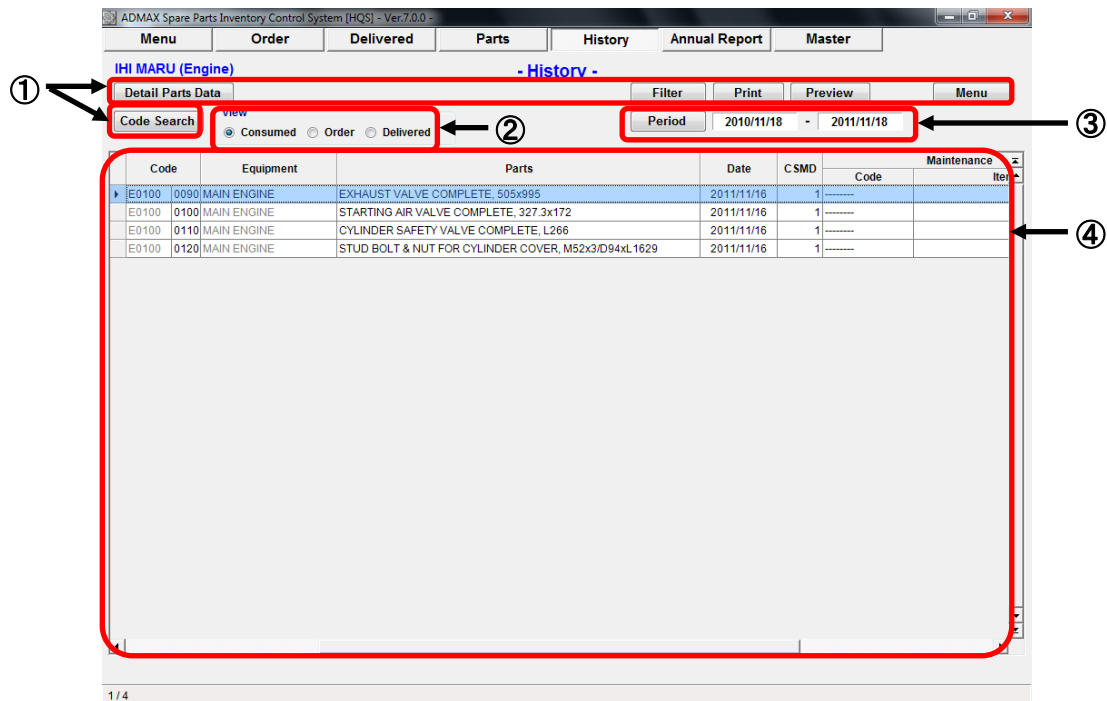


Fig 3.10.1 Consumed Parts

① **Operation button**

- [Detail Parts Data] : Sec. 3.3
 [Print] : Print out Parts List.
 [Preview] : Print review.
 [Menu] : Sec.3.1
 [Code Search] : Sec.16.1

② **View Select**

- ⊙Consumed : Display of Consumed list
 ○Order : Display of Order list
 ○Delivered : Display of Delivered list

③ **[Period]**

④ **Consumed spare parts data**

- (1) Code : Equipment code and/or spare parts code
 (2) Equipment : Equipment name
 (3) Parts : Spare parts name
 (4) SMS : Spare parts type (This title can be changed. Refer to Section 14)
 (5) Part Code : Maker's spare parts' code
 (6) Drawing No. : Drawing Number
 (7) Unit : Unit for spare parts
 (8) Working : Spare parts working quantity
 (9) Standard : Standard spare parts stock quantity
 (10) Date : Consumed Date
 (11) Consumed : Consumed Quantity
 (12) Maintenance Code : Maintenance item code parts was consumed with
 (13) Maintenance Item : Maintenance item name parts was consumed with
 (14) Item Code : Spare parts drawing + page + item number
 (15) Cost Code : Cost code for budget control

3.10.2 Ordered Parts

Code	Equipment	Parts	Date	ORDR	Requisition No.	Supp.
E0100	0090 MAIN ENGINE	EXHAUST VALVE COMPLETE, 505x995	2011/11/16	1	te	
E0100	0100 MAIN ENGINE	STARTING AIR VALVE COMPLETE, 327.3x172	2011/11/16	1	te	
E0100	0110 MAIN ENGINE	CYLINDER SAFETY VALVE COMPLETE, L266	2011/11/16	1	te	
E0100	0120 MAIN ENGINE	STUD BOLT & NUT FOR CYLINDER COVER, M52x3/D94xL1629	2011/11/16	1	te	

Fig 3.10.2 Ordered Parts

① **Operation button**

- [Detail Parts Data] : Sec. 3.3
 [Print] : Print out Parts List.
 [Preview] : Print review.
 [Menu] : Sec.3.1
 [Code Search] : Sec.16.1

② **View Select**

- ☒ Consumed : Display of Consumed list
☐ Order : Display of Order list
☐ Delivered : Display of Delivered list

③ **[Period]**④ **Required spare parts data**

- (1) Code : Equipment code and/or spare parts code
 (2) Equipment : Equipment name
 (3) Parts : Spare parts name
 (4) SMS : Spare parts type (This title can be changed. Refer to Section 14)
 (5) Part Code : Maker's spare parts' code
 (6) Drawing No. : Drawing Number
 (7) Unit : Unit for spare parts
 (8) Working : Spare parts working quantity
 (9) Standard : Standard spare parts stock quantity
 (10) Date : Consumed Date
 (11) Order : Required spare parts quantity
 (12) Requisition No. : Requisition No.
 (13) Item Code : Spare parts drawing + page + item number
 (14) Cost code : Cost code for budget control

3.10.3 Delivered Parts

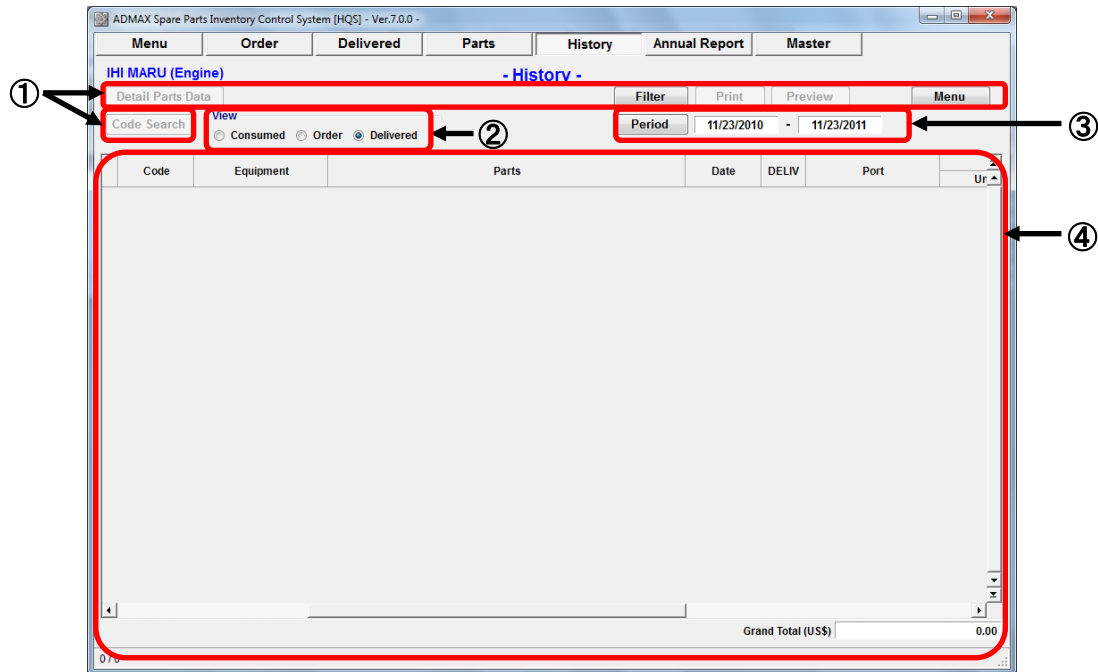


Fig 3.10.3 Delivered Parts

- ① **Operation button**
 [Detail Parts Data] : Sec. 3.3
 [Print] : Print out Parts List.
 [Preview] : Print review.
 [Menu] : Sec.3.1
 [Code Search] : Sec.16.1
- ② **View Select**
☐ Consumed : Display of Consumed list
☐ Order : Display of Order list
☒ Delivered : Display of Delivered list
- ③ **[Period]**
- ④ **Delivered spare parts data**
 (1) Code : Equipment code and/or spare parts code
 (2) Equipment : Equipment name
 (3) Parts : Spare parts name
 (4) SMS : Spare parts type (This title can be changed. Refer to Section 14)
 (5) Part Code : Maker's spare parts' code
 (6) Drawing No. : Drawing Number
 (7) Unit : Unit for spare parts
 (8) Working : Spare parts working quantity
 (9) Standard : Standard spare parts stock quantity
 (10) Date : Delivery Date
 (11) Delivered : Delivered spare parts quantity
 (12) Port : Delivery port
 (13) Price (Unit) : Spare parts unit price
 (14) Price (Total) : Spare parts unit price x quantity
 (15) Item Code : Spare parts drawing + page + item number
 (16) Cost Code : Cost code for budget control

3.11 [Annual Report] Screen

ADMAX Spare Parts Inventory Control System (HQS) - Ver.7.0.0

Menu Order Delivered Parts History Annual Report Master

IHI MARU (Engine) Annual Report

① Detail Parts Data Filter Print Preview Menu

Code Search Period 2008/11/26 - 2011/11/29

Made on 2011/11/29 by Captain

Code	Equipment	Parts	SMS	Part Code	Drawing No.	Unit	WORK	SPARE	UNIT
E0100	0010	Main Engine	CYLINDER COVER COMPL D934xH1386	C	141000	141000	SET	6	1
E0100	0020	Main Engine	SPRING BOX COMPL FOR FO INJ VALVE, D34xL93	C	141100	141100	SET	24	4
E0100	0030	Main Engine	FUEL INJECTION VALVE COMPLETE	C	142000	142000	SET	12	2
E0100	0040	Main Engine	EXHAUST VALVE COMPLETE	C	143000	143100, 143000	SET	6	1
E0100	0050	Main Engine	STARTING AIR VALVE COMPLETE	C	144000	144000	SET	6	1
E0100	0060	Main Engine	CYLINDER SAFETY VALVE COMPLETE	C	145000	145000	SET	6	1
E0100	0070	Main Engine	INDICATOR VALVE COMPLETE	C	146000	146000	SET	6	1
E0100	0080	Main Engine	FUEL INJECTION VALVE COMPLETE, 377 6x102	C	142000	142000	SET	12	12
E0100	0090	Main Engine	EXHAUST VALVE COMPLETE, 505x995	C	143000	143000	SET	6	2
E0100	0100	Main Engine	STARTING AIR VALVE COMPLETE, 327.3x172	C	144000	144000	SET	6	1
E0100	0110	Main Engine	CYLINDER SAFETY VALVE COMPLETE, L266	C	145000	145000	SET	6	1
E0100	0120	Main Engine	STUD BOLT & NUT FOR CYLINDER COVER, M52x3/D94xL1629	C	132007	132007, 132006	SET	48	4
E0100	0130	Main Engine	CYLINDER LINER, D712xL2175	C	134002	134002	SET	6	1
E0100	0140	Main Engine	PISTON COMPL, D500xL2761	C	245000	245000	SET	6	1
E0100	0150	Main Engine	1ST PISTON RING, D500xT10	C	245006	245006	PC	6	1
E0100	0160	Main Engine	1ST PISTON RING, D500xT10	C	245006	245006	PC	0	1
E0100	0170	Main Engine	2ND PISTON RING, D500xT10	C	245007	245007	PC	6	1
E0100	0180	Main Engine	2ND PISTON RING, D500xT10	C	245007	245007	PC	0	1
E0100	0190	Main Engine	3RD & 4TH PISTON RING, D500xT10	C	245008	245008	PC	12	2
E0100	0200	Main Engine	3RD & 4TH PISTON RING, D500xT10	C	245008	245008	PC	0	2
E0100	0210	Main Engine	INNER PIPE FOR PISTON COOLING, D142.5xL2123	C	246006	246006	PC	6	1
E0100	0220	Main Engine	SLEEVE FOR PISTON COOLING, D73.5xL113	C	246004	246004	PC	6	1
E0100	0230	Main Engine	CROSS HEAD PIN BEARING, ID426	C	235018	235018	PC	12	2
E0100	0240	Main Engine	CROSS HEAD PIN BEARING, ID426	C	235006	235006	PC	6	1
E0100	0250	Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3/D70xL485	C	235009	235009, 235010	SET	24	4
E0100	0260	Main Engine	CRANK PIN BEARING, OD586	C	235018	235018, 235006	SET	6	1
E0100	0270	Main Engine	STUD BOLT & NUT FOR CRANK PIN BEARING, M52x3/D85xL582	C	235007	235007, 235009	SET	12	2
E0100	0280	Main Engine	MAIN BEARING METAL, OD600xL209	C	114303	114303, 114304	PC	7	1
E0100	0290	Main Engine	ELASTIC STUD FOR MAIN BEARING WITH NUT, M42x3/D70xL612	C	114312	114312, 114313	SET	30	4

Grand Total (US\$) 0.00

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Fig 3.11 Annual Report

- ① **Operation button**
- [Detail Parts Data] : Sec. 3.3
 - [Filter] : Sec 16.2
 - [Print] : Print out Parts List.
 - [Preview] : Print review.
 - [Menu] : Sec.3.1
 - [Code Search] : Sec.16.1
- ② **[Period]**
- ③ **Property of annual report**
- ④ **Spare Parts annual report**
- (1) Code : Equipment code and/or spare parts code
 - (2) Equipment : Equipment name
 - (3) Parts : Spare parts name
 - (4) SMS : Spare parts type (This title can be changed. Refer to Section 14)
 - (5) Part Code : Maker's spare parts' code
 - (6) Drawing No. : Drawing Number
 - (7) Unit : Unit for spare parts
 - (8) Working : Spare parts working quantity
 - (9) Standard : Standard spare parts stock quantity
 - (10) Spare R.O.B (Last) : Spare parts stock quantity (Last)
 - (11) Spare R.O.B (Curr.) : Spare parts stock quantity (Curr.)
 - (12) Total (Consumed) : Total spare parts quantity (Consumed)
 - (13) Total (Order) : Total spare parts quantity (Order)
 - (14) Total (Delivered) : Total spare parts quantity (Delivered)
 - (15) Item Code : Spare parts drawing + page + item number
 - (16) Cost Code : Cost code for budget control
 - (17) Price (Unit) : Spare parts unit price
 - (18) Price (Total) : Spare parts unit price x quantity

3.12 [Master] Screen

3.12.1 Equipments

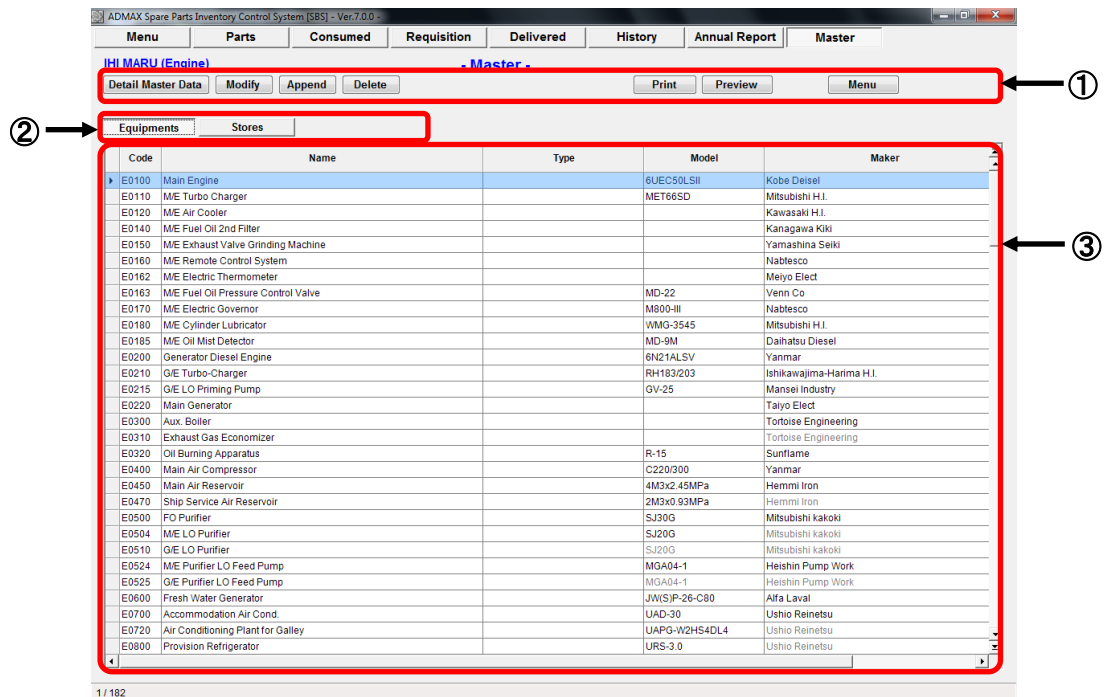


Fig 3.12.1 Equipments

- ① **Operation button**
 - [Detail Master Data] : Sec3.13
 - [Modify] : Sec12.1.1
 - [Append] : Sec12.1.2
 - [Delete] : Sec12.1.3
 - [Print] : Print out Parts List.
 - [Preview] : Print review.
 - [Menu] : Sec.3.1
- ② **View Select**
 - [Equipment] : Equipment List
 - [Store] : Store List
- ③ **Equipment List**
 - (1) Code : Equipment code
 - (2) Name : Equipment name
 - (3) Type : Equipment type
 - (4) Model : Equipment model
 - (5) Maker : Equipment's Maker

3.12.2 Stores

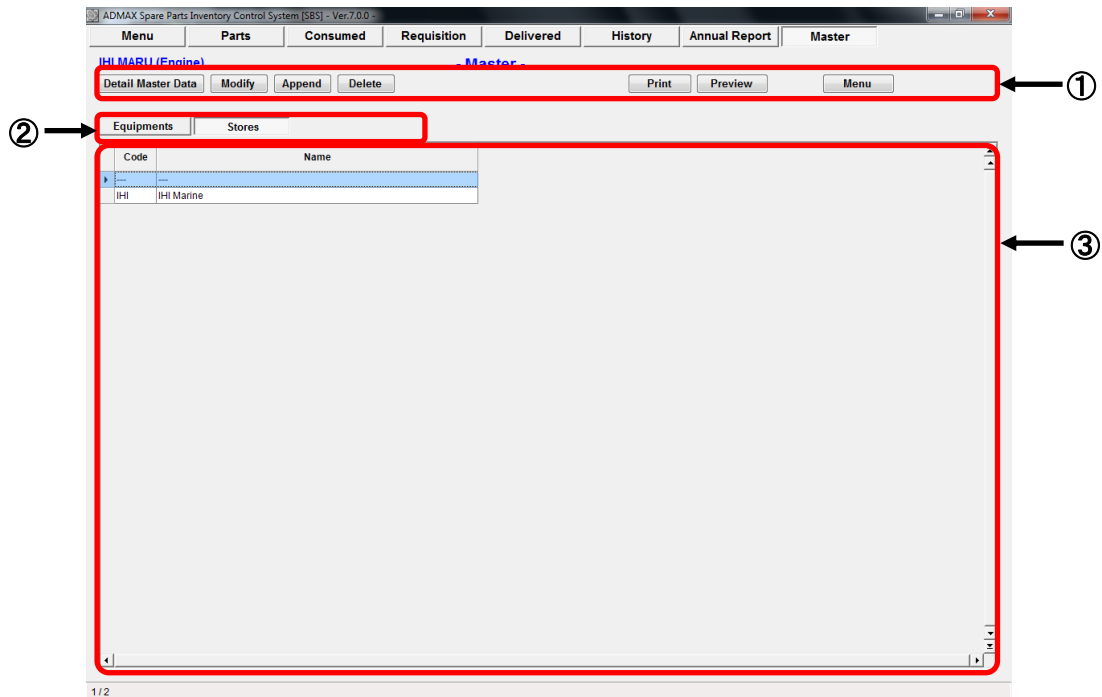


Fig 3.12.2 Stores

- ① **Operation button**
- | | |
|----------------------|-------------------------|
| [Detail Master Data] | : Sec3.13 |
| [Modify] | : Sec12.2.1 |
| [Append] | : Sec12.2.2 |
| [Delete] | : Sec12.2.3 |
| [Print] | : Print out Parts List. |
| [Preview] | : Print review. |
| [Menu] | : Sec.3.1 |
- ② **View Select**
- | | |
|-------------|------------------|
| [Equipment] | : Equipment List |
| [Store] | : Store List |
- ③ **Store List**
- | | |
|----------|--------------|
| (1) Code | : Store code |
| (2) Name | : Store name |

3.13 [Master Detail] Screen

3.13.1 Equipments

Fig 3.13.1 Detail Master Data (Equipments)

① **Operation button**

[<< Previous] :

[Next >>] :

[Close] :

② **Detail**

(1) Code : Equipment code

(2) Name : Equipment name

(3) Type : Equipment type

(4) Model : Equipment model

(5) Maker : Equipment's Maker

3.13.2 Stores

Fig 3.13.2 Detail Master Data (Stores)

① **Operation button**

[<< Previous] :

[Next >>] :

[Close] :

② **Detail**

(1) Code : Store code

(2) Name : Store name

4. Check Critical Spare Parts with Shortage condition

If there was critical spare parts with shortage condition, [*] mark is shown on Menu Screen.

- On the “Menu Screen” (Fig.4-1), select [*] mark on Ship list.

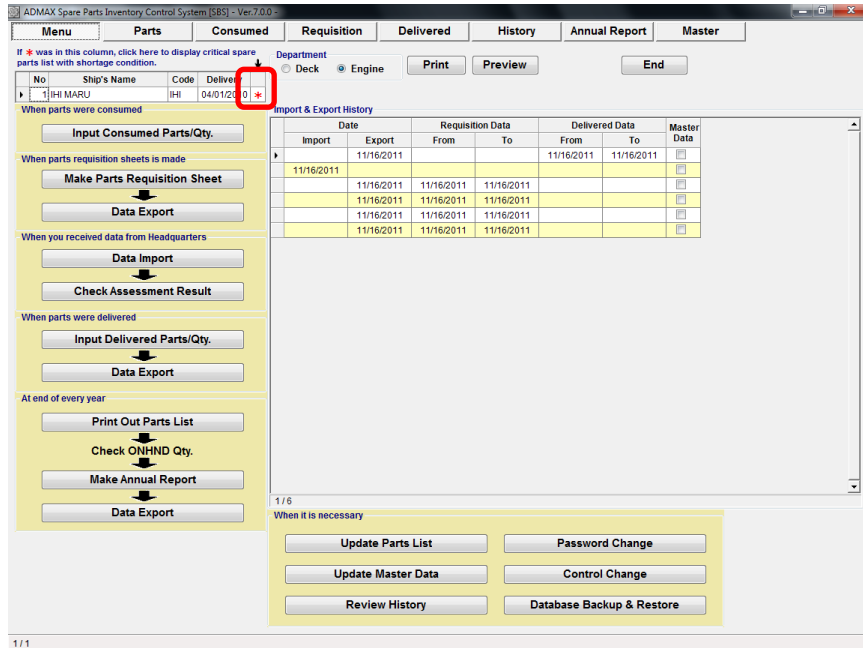


Fig 4.1 Menu

- Critical Spare Parts list with shortage condition is displayed on “Parts(Shortage) Screen” (Fig.4-2).

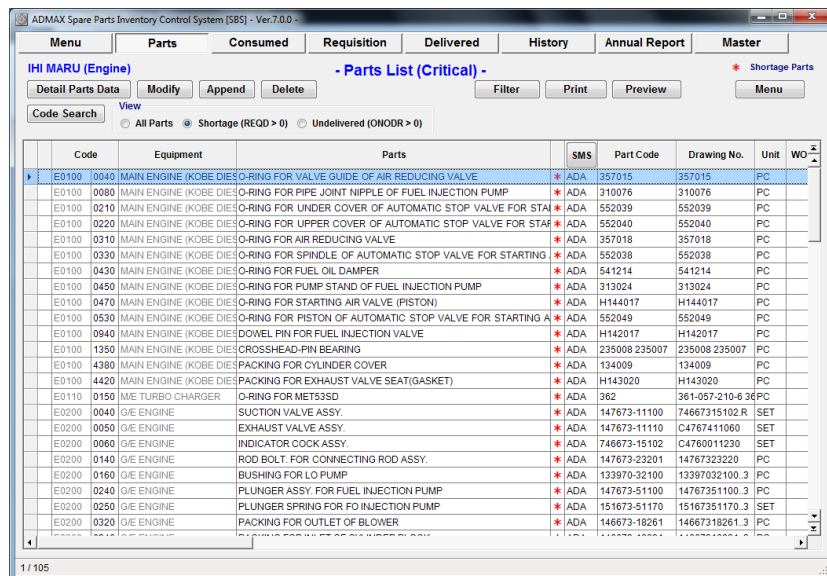


Fig 4.2 Parts (Shortage)

- Select [Menu] button to return to “Menu Screen”.

5. Input Consumed Parts / Qty

1. On the “Menu Screen”(Fig.5-1), select [Input Consumed Parts / Qty].

ADMAX Spare Parts Inventory Control System [SBS] Ver.7.0.0

Menu Parts Consumed Requisition Delivered History Annual Report Master

It * was in this column, click here to display critical spare parts list with shortage condition.

No	Ship's Name	Code	Delivery
1	THE MARU	001	2008/11/26

When parts were consumed

Input Consumed Parts/Qty.

When parts requisition sheets is made

Make Parts Requisition Sheet

Data Export

When you received data from Headquarters

Data Import

Check Assessment Result

When parts were delivered

Input Delivered Parts/Qty.

Data Export

At end of every year

Print Out Parts List

Check ONHND Qty.

Make Annual Report

Data Export

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When it is necessary

Update Parts List Password Change

Update Master Data Control Change

Review History Database Backup & Restore

Date		Requisition Data		Delivered Data		Master Data
Import	Export	From	To	From	To	
2011/1/16	2011/1/16	2011/1/16	2011/1/16			
2011/1/16	2011/1/16	2011/1/16	2011/1/16			✓
2011/1/16	2011/1/16	2011/1/16	2011/1/16			✓

Fig 5.1 Menu

2. "Select Consumed Parts Screen"(Fig.5-2) is displayed. If consumed spare parts data which has not been completed existed, "Input Consumed Qty Screen"(Fig.5-3) is displayed instead of Fig.5-2. (Go to Step 6) Fig 5.2 Select Consumed Parts.

ADMAX Spare Parts Inventory Control System (SBS) - Ver.7.0.0

Menu Parts Consumed Requisition Delivered History Annual Report Master

IHI MARU (Engine)

Detail Parts Data Modify Append Delete

Code Search

Consumed Date: 2011/11/16 Maintenance Code: Item:

Select CSMD Date/Maintenance Select CSMD Parts Input CSMD Qty. Complete

Code	Equipment	Parts	WORK	SPARE	ONHND	CSMD	Item Code	Cost Code
0100	0010/Main Engine	CYLINDER COVER COMPL. D934H1386	6	1	0	0	MACH-1, PA3, Itt	
0100	0020/Main Engine	SPRING BOX COMPL. FOR FO INJ VALVE, D24XL93	24	4	0	0	MACH-1, PA3, Itt	BEING INCLUDE
0100	0030/Main Engine	FUEL INJECTION VALVE COMPLETE	12	2	0	0	MACH-1, PA3, Itt	BEING INCLUDE
0100	0040/Main Engine	EXHAUST VALVE COMPLETE	6	1	0	0	MACH-1, PA3, Itt	BEING INCLUDE
0100	0050/Main Engine	STARTING AIR VALVE COMPLETE	6	1	0	0	MACH-1, PA3, Itt	BEING INCLUDE
0100	0060/Main Engine	CYLINDER SAFETY VALVE COMPLETE	6	1	0	0	MACH-1, PA3, Itt	BEING INCLUDE
0100	0070/Main Engine	INDICATOR VALVE COMPLETE	6	1	0	0	MACH-1, PA3, Itt	BEING INCLUDE
0100	0080/Main Engine	FUEL INJECTION VALVE COMPLETE, 377.6x102	12	12	10	0	MACH-1, PA4, Itt	SAME PART AS I
0100	0090/Main Engine	EXHAUST VALVE COMPLETE, 505x995	6	2	1	0	MACH-1, PA4, Itt	SAME PART AS I
0100	0100/Main Engine	STARTING AIR VALVE COMPLETE, 327.3x172	6	1	1	0	MACH-1, PA4, Itt	SAME PART AS I
0100	0110/Main Engine	CYLINDER SAFETY VALVE COMPLETE, L286	6	1	1	0	MACH-1, PA4, Itt	SAME PART AS I
0100	0120/Main Engine	STUD BOLT & NUT FOR CYLINDER COVER, M52x3/D94xL1629	48	4	3	0	MACH-1, PA4, Itt	
0100	0130/Main Engine	CYLINDER LINER, D712xL2175	6	1	0	0	MACH-1, PA5, Itt	
0100	0140/Main Engine	PISTON COMPL. D500xL2761	6	1	0	0	MACH-1, PA5, Itt	
0100	0150/Main Engine	1ST PISTON RING, D500xT10	6	1	0	0	MACH-1, PA5, Itt	BEING INCLUDE
0100	0160/Main Engine	1ST PISTON RING, D500xT10	0	1	1	0	MACH-1, PA5, Itt	SAME PART AS I
0100	0170/Main Engine	2ND PISTON RING, D500xT10	6	1	0	0	MACH-1, PA5, Itt	BEING INCLUDE
0100	0180/Main Engine	2ND PISTON RING, D500xT10	0	1	1	0	MACH-1, PA5, Itt	SAME PART AS I
0100	0190/Main Engine	3RD & 4TH PISTON RING, D500xT10	12	2	0	0	MACH-1, PA5, Itt	BEING INCLUDE
0100	0200/Main Engine	3RD & 4TH PISTON RING, D500xT10	0	2	2	0	MACH-1, PA5, Itt	SAME PART AS I
0100	0210/Main Engine	INNER PIPE FOR PISTON COOLING, D142.5xL2123	6	1	1	0	MACH-1, PA5, Itt	
0100	0220/Main Engine	SLEEVE FOR PISTON COOLING, D73.5xL113	6	1	1	0	MACH-1, PA5, Itt	
0100	0230/Main Engine	CROSS HEAD PIN BEARING, ID426	12	2	2	0	MACH-1, PA6, Itt	
0100	0240/Main Engine	CROSS HEAD PIN BEARING, ID426	6	1	1	0	MACH-1, PA6, Itt	235006
0100	0250/Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3/D70xL485	24	4	4	0	MACH-1, PA6, Itt	
0100	0260/Main Engine	CRANK PIN BEARING, OD596	6	1	1	0	MACH-1, PA6, Itt	
0100	0270/Main Engine	STUD BOLT & NUT FOR CRANK PIN BEARING, M52x3/D85xL582	12	2	2	0	MACH-1, PA6, Itt	
0100	0280/Main Engine	MAIN BEARING METAL, OD600xL209	7	1	1	0	MACH-1, PA6, Itt	
0100	0290/Main Engine	ELASTIC STUD FOR MAIN BEARING WITH NUT, M42x3/D70xL612	30	4	4	0	MACH-1, PA6, Itt	

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Fig 5.2 Select Consumed Parts

- Input Consumed Date. Input Maintenance Code and Item if necessary.
- Select check box of consumed spare parts.
If you select same item again, selection is cancelled.
- Select [Input Consumed Qty] button when you finish selecting all consumed spare parts.

"Code Search" function or "Filter" function can be used to find spare parts.

6. "Input Consumed Qty Screen"(Fig.5-3) is displayed. In this screen, all spare parts selected by step 5 are shown.

ADMAX Spare Parts Inventory Control System [SBS] - Ver.7.0.0

Menu Parts Consumed Requisition Delivered History Annual Report Master

IHI MARU (Engine) - Consumed Parts List -

Consumed Date: 2011/11/16 Maintenance Code: Item: Made on: 2011/11/16 by: Captain

Code Input: Select CSMD Date/Maintenance: Select CSMD Parts: Input CSMD Qty: Complete

Code	Equipment	Parts	WORK	SPARE	ONHAND	CSMD	Item Code	Cost Code
E0100	0160 Main Engine	1ST PISTON RING, D500xT10	0	0	0	1	ACH-1, PA5, Bei	SAME PART AS I
E0100	0200 Main Engine	3RD & 4TH PISTON RING, D500xT10	0	0	1	1	ACH-1, PA5, Bei	SAME PART AS I
E0100	0210 Main Engine	INNER PIPE FOR PISTON COOLING, D142.5xL2123	6	0	0	1	ACH-1, PA5, Bei	
E0100	0220 Main Engine	SLEEVE FOR PISTON COOLING, D73.5xL113	6	0	0	1	ACH-1, PA5, Bei	
E0100	0250 Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3/D70xL485	24	0	3	1	ACH-1, PA6, Bei	

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Fig 5.3 Input Consumed Qty.

7. If you wanted to select consumed spare parts again, select [Select Consumed Parts] button to return to "Select Consumed Parts Screen" and you can select check box by same procedure as step 5.
8. Input consumption quantity for each spare part.
Consumption quantity greater than on hand (Spare R.O.B) quantity can not be input.

On hand (Spare R.O.B) quantity is reduced by inputting consumption quantity (Consumed), and requisition quantity (Required) is calculated at the same time by the following formula. **Required = Standard – (Spare R.O.B + On Order)**

9. Select [Complete] button if you finished inputting all consumption quantity. [Please note that data cannot be corrected afterwards when you select [Complete] button once.Complete]

10. "Completed Consumed Parts Screen"(Fig.5-4) is displayed.

The screenshot displays the 'Consumed' tab in the ADMAX Spare Parts Inventory Control System (SBS) - Ver.7.6.0. The interface includes a menu bar with options: Menu, Parts, Consumed, Requisition, Delivered, History, Annual Report, and Master. Below the menu bar, the text 'IHI MARU (Engine)' and '- Consumed Parts List -' are visible. There are buttons for 'Print', 'Preview', and 'Menu'. A 'Consumed Date' field is set to '2011/11/16', and a 'Maintenance Code' field is empty. Below these, there are fields for 'Item' and 'Made on' (2011/11/16) by 'Captain'. A navigation bar shows 'Select CSMD Date/Maintenance' (selected), 'Select CSMD Parts', 'Input CSMD Qty.', and 'Complete'. The main table lists consumed parts with columns: Code, Equipment, Parts, WORK, SPARE, ONHND, CSMD, Item Code, and Cost Code. The table contains five rows of data.

Code	Equipment	Parts	WORK	SPARE	ONHND	CSMD	Item Code	Cost Code
E0100	0160/Main Engine	1ST PISTON RING, D500xT10	0	1	0	1	MACH-1, PAS, Ite	SAME PART AS I
E0100	0200/Main Engine	3RD & 4TH PISTON RING, D500xT10	0	2	1	1	MACH-1, PAS, Ite	SAME PART AS I
E0100	0210/Main Engine	INNER PIPE FOR PISTON COOLING, D142.5xL2123	6	1	0	1	MACH-1, PAS, Ite	
E0100	0220/Main Engine	SLEEVE FOR PISTON COOLING, D73.9xL113	6	1	0	1	MACH-1, PAS, Ite	
E0100	0230/Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3/070xL485	24	4	3	1	MACH-1, PAS, Ite	

Fig 5.4 Consumed Consumed Parts

11. Select [Menu] button to return to "Menu Screen".

2. "Select Required Parts Screen"(Fig.6-2) is displayed. In this screen, all spare parts of which Required is greater than 0 (Required > 0) are shown.

Requisition quantity (Required) is calculated by the following formula.

$$\text{Required} = \text{Standard} - (\text{Spare R.O.B} + \text{On Order})$$

If required spare parts data which has not been completed existed,

"Input Order Qty Screen"(Fig.6-4) is displayed instead of Fig.6-2. (Go to step 7)

Code No. 724 Requisition No. imctest

Remarks

Print Preview Menu

Delivered Date 2013/12/11 - 2013/12/17

Delivered Port test

Made on 2013/12/17 by Captain

Assessed on by

Select Requisition No. → Select REQD Parts → Input Order Qty. → Complete

Parts of Shipboard and/or Headquarters

Code	Equipment	Parts	WORK	SPARE	ONHND	ONODR	REQD	O
E0100000 0060	Main Engine	O-RING FOR CYLINDER COVER, ID615xID8.4	12	4	5	0	0	
E0100000 0080	Main Engine	PISTON RINGS (TOP RING), D500xT12.5	6	2	0	0	0	
E0100000 0090	Main Engine	PISTON RINGS (2ND, 3RD & 4TH RINGS), D500xT9.5	18	6	1	1	0	

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Fig 6.2 Select Required Parts

3. Select check box of required spare parts. You make parts requisition for another equipments group after step 13 in this section. If you select same item again, selection is cancelled.
4. If [All Parts] button was selected, all spare parts registered in database is displayed on "Select Required Parts (All Parts) Screen"(Fig.6-3) and you can select check box by same procedure as step 3.
5. "Code Search" function or "Filter" function can be used to find spare parts. (Refer to Section 17.1 & 17.2)
6. Select [Input Order Qty] button when you finish selecting all required spare parts.

Code	Equipment	Parts	TMSA	Part Code	Drawing No.	Unit	WORK	SPARE	ONHND
E0100	0160/Main Engine	1ST PISTON RING, D500xT10	* D	245006	245006	PC	0	1	1
E0100	0200/Main Engine	3RD & 4TH PISTON RING, D500xT10	* D	245008	245008	PC	0	2	1
E0100	0210/Main Engine	INNER PIPE FOR PISTON COOLING, D142.5xL2123	* D	246006	246006	PC	6	1	1
E0100	0220/Main Engine	SLEEVE FOR PISTON COOLING, D73.5xL113	* D	246004	246004	PC	6	1	1
E0100	0250/Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3/D70xL485	* D	235009	235009	SET	24	4	3
E0210	0020/Gie Turbo-Charger	THRUST BEARING, D111	* D		NU25N42N35	PC	1	1	1

Fig 6.3 Select Required Parts (All Parts)

- “Input Order Qty Screen”(Fig.6-4) is displayed. In this screen, all spare parts selected by step 3 & 4 are shown.

Code	Equipment	Parts	WORK	SPARE	ONHND	ONODR	REQ	ORDER	Item Code	Cost Code
E0100	0160/Main Engine	1ST PISTON RING, D500xT10	0	1	0	0	0	1	ACH-1, PA5, Itel	
E0100	0200/Main Engine	3RD & 4TH PISTON RING, D500xT10	0	2	1	0	0	1	ACH-1, PA5, Itel	
E0100	0210/Main Engine	INNER PIPE FOR PISTON COOLING, D142.5xL2123	6	1	0	0	0	1	ACH-1, PA5, Itel	
E0100	0220/Main Engine	SLEEVE FOR PISTON COOLING, D73.5xL113	6	1	0	0	0	1	ACH-1, PA5, Itel	
E0100	0250/Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3/D70xL485	24	4	3	0	0	1	ACH-1, PA6, Itel	

Fig 6.4 Input Order Qty.

- If you wanted to select required spare parts again, select [Select Required Parts] button to return to “Select Required Parts Screen” and you can select check box by same procedure as step 3 & 4.
- Input Code No., URGENT, ROUTINE, DOCK USE, Requisition No., Delivered Date, Delivered Port and Remarks.
The Requisition No. has to be different one from the number already input.

10. Input order quantity for each spare parts.
11. Select [Complete] button if you finished inputting all consumption quantity.
The persons who has "Administrator" or "Approve" authority are only permitted to select [Complete] button.
Please note that data cannot be corrected afterwards when you select [Complete] button once.
12. "Completed Parts Requisition Screen"(Fig.6-5) is displayed.

ADMAX Spare Parts Inventory Control System [SBS] - Ver.7.0.0

Menu Parts Consumed Requisition Delivered History Annual Report Master

IHI MARU (Engine) - Parts Requisition -

Code No. 740 Requisition No. test2

Remarks

Print Preview Menu

Urgent Routine Dock Use

Delivered Date 2011/11/16 - 2011/11/30

Delivered Port Futsu

Made on 2011/11/16 by Captain

Assessed on by

Select Requisition No. Select REQD Parts Input Order Qty. Complete

Code	Equipment	Parts	WORK	SPARE	ONHND	ONODR	REQD	ORDR	Item Code	Cost Code
E0100	0100 Main Engine	1ST PISTON RING, D500xT10	0	1	0	0	1	1	1 MACH-1, PAS, Itel	
E0100	0200 Main Engine	3RD & 4TH PISTON RING, D500xT10	0	2	1	0	1	1	1 MACH-1, PAS, Itel	
E0100	0210 Main Engine	INNER PIPE FOR PISTON COOLING, D142.5xL2123	0	1	0	0	1	1	1 MACH-1, PAS, Itel	
E0100	0220 Main Engine	SLEEVE FOR PISTON COOLING, D73.5xL113	0	1	0	0	1	1	1 MACH-1, PAS, Itel	
E0100	0250 Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3/070xL485	24	4	3	0	1	1	1 MACH-1, PA6, Itel	

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Fig 6.5 Completed Parts Requisition

13. Select [Menu] button to return to "Menu Screen".
14. Repeat step 1-13 several times to make parts requisition of another equipment group.

15. On the "Menu Screen"(Fig.6-6), select [Data Export].
"Export Period Dialog"(Fig.6-7) is displayed.

Fig 6.6 Menu

16. Input export period or select from calendar by [▼] button to contain all the days when new Parts Requisition was made.
17. If spare parts and/or Master data were modified during export period, select "Master Data" button.

Fig 6.7 Data Export

18. Select [OK] button. "Save File Screen"(Fig.6-8) is displayed.
19. Select saving folder, compressing format(.zip) for export file. File name is given as below.
 SPICS_SBS_aaa_Deck (Engine)_yymmdd-hhmm.lzh (.zip)
 aaa: Ship code
 yymmdd-hhmm: Export date & time
 Modify file name if necessary. Then, select [Save] button.

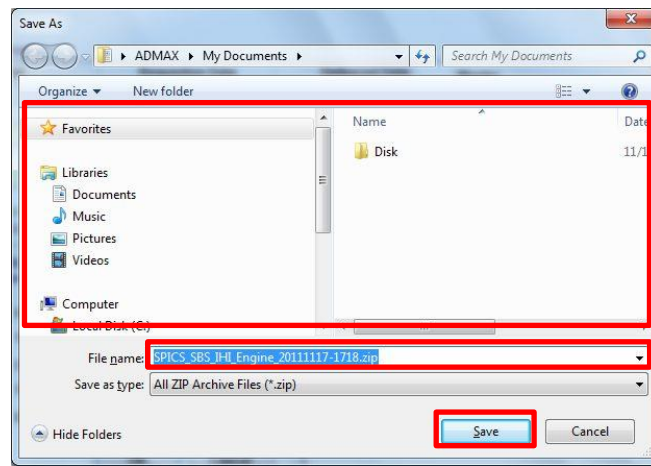


Fig 6.8 Save As

20. Select [OK] at completion message dialog.
21. Export history is recorded on "Import & Export History".
22. Send export file to Headquarters as attached file of E-mail.

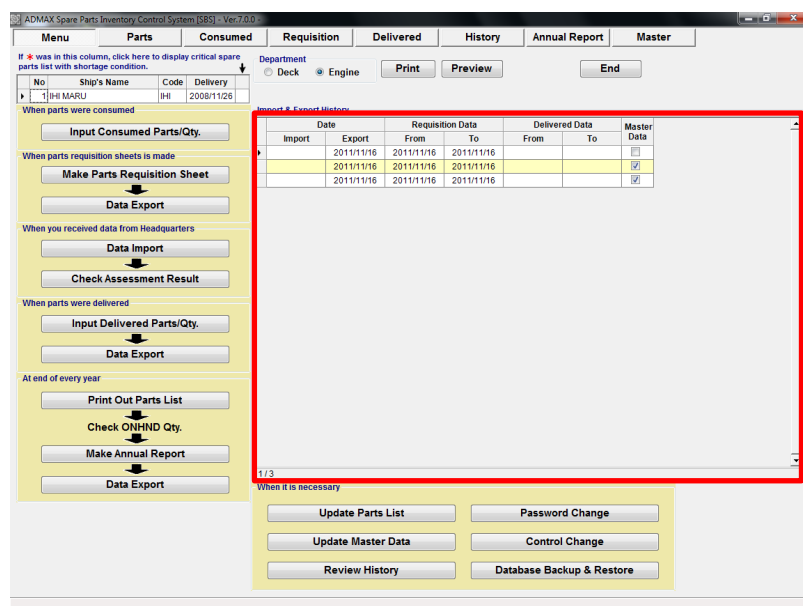


Fig 6.2.4 Menu

7. Check Assessment Result

1. On the "Menu Screen"(Fig.7-1), select [Data Import].

"Open File Dialog"(Fig.7-2) is displayed

2. Select file for import. Then, select [Open] button.

File name is decided by your company's standard.

Standard file name of our system is shown for your reference.

SPICS_HQS_aaa_Deck (Engine)_ymmdd-hhmm.lzh(.zip)

aaa: Ship code

ymmdd-hhmm: Export period & time.

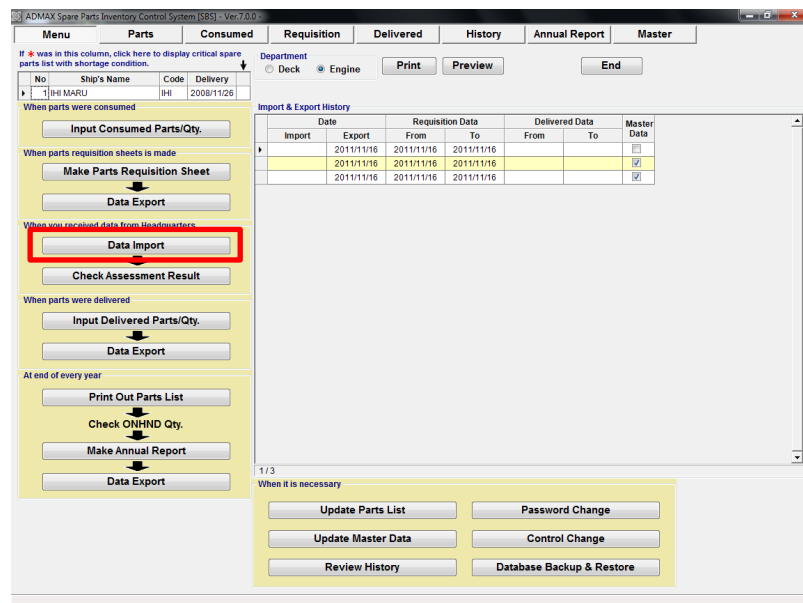


Fig 7.1 Menu

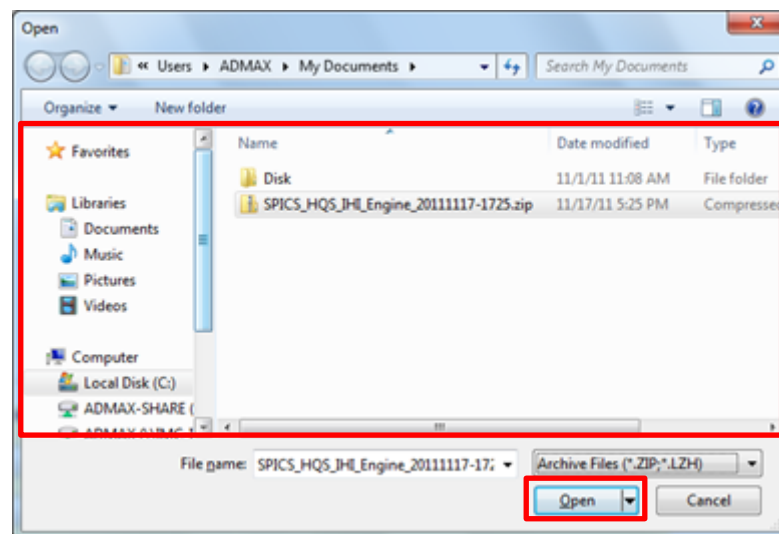


Fig 7.2 Open

3. Select [OK] at completion message dialog.
4. Import history is recorded on "Import & Export History".
5. On the "Menu Screen"(Fig.7-3), select [Check Assessment Result].

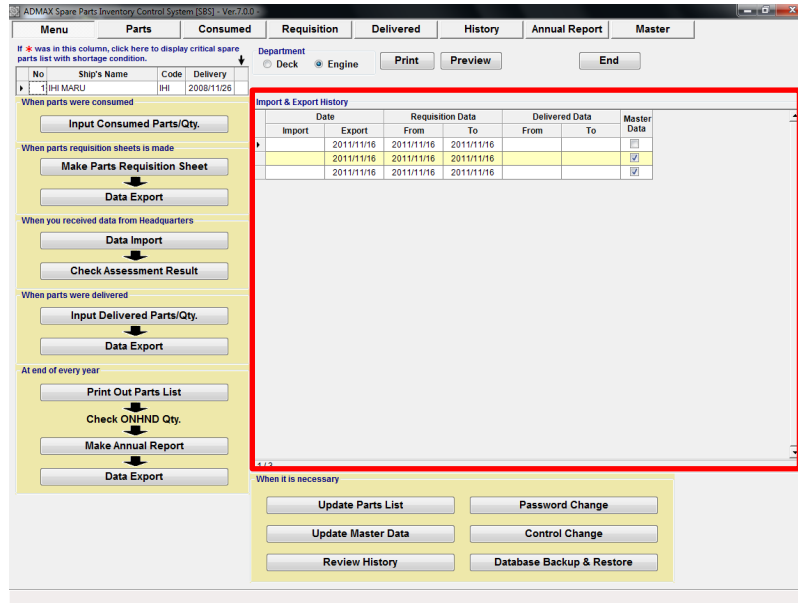


Fig 7.3 Menu

6. "Parts Requisition (Assessed) Screen"(Fig.7-4) is displayed. In this screen, assessed result by Headquarters is shown.
7. Select [Select Requisition No.] button to check another assessment result.

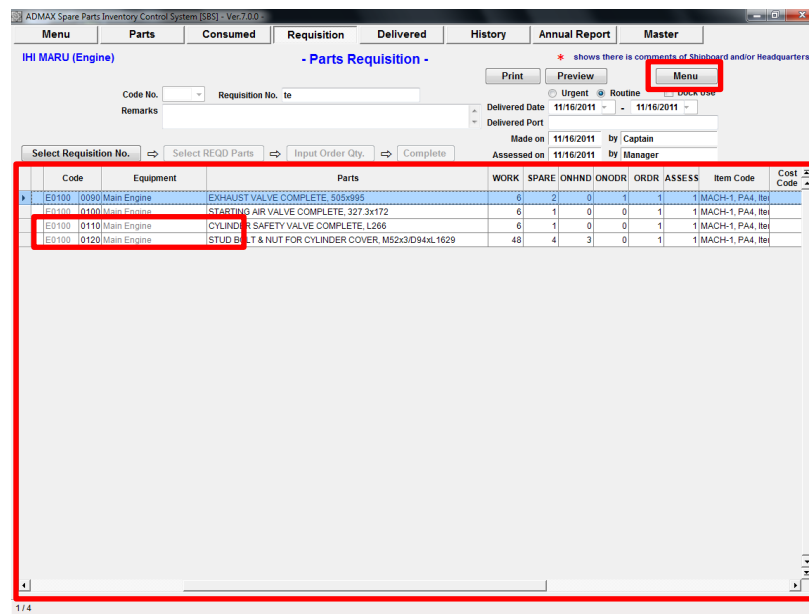


Fig 7.4 Parts Requisition (Assessed)

8. "Parts Requisition Dialog"(Fig.7-5) is displayed.
9. Select Parts Requisition which assess sign is true.
10. Select [OK] button.
11. "Parts Requisition (Assessed) Screen"(Fig.7-4) is displayed. In this screen, selected assessed result by Headquarters is shown.
12. Select [Menu] button to return to "Menu Screen".

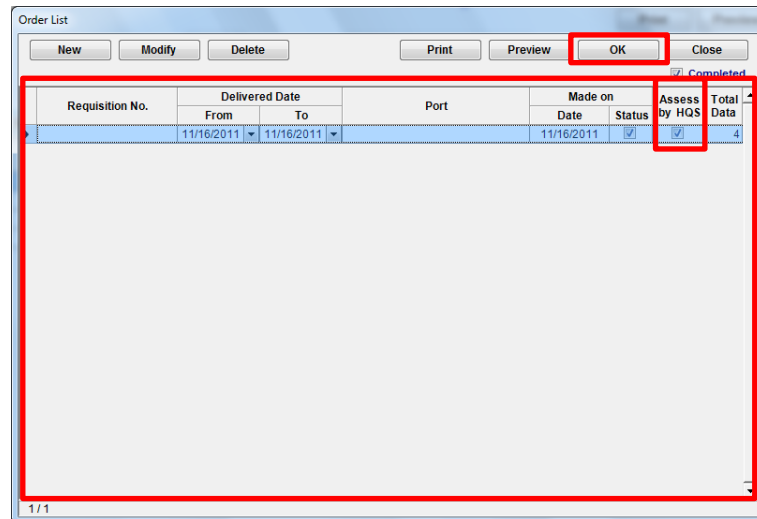


Fig 7.5 Parts Requisition Dialog

8. Input Delivered Parts / Qty

1. On the “Menu Screen”(Fig.8-1), select [Input Delivered Parts / Qty].

The screenshot shows the ADMAX Spare Parts Inventory Control System (SBS) - Ver.7.0.0. The main menu includes: Menu, Parts, Consumed, Requisition, Delivered, History, Annual Report, and Master. Below these are several functional buttons grouped by category:

- When parts were consumed:** Input Consumed Parts/Qty., Data Export
- When parts requisition sheets is made:** Make Parts Requisition Sheet, Data Export
- When you received data from Headquarters:** Data Import, Check Assessment Result
- When parts were delivered:** **Input Delivered Parts/Qty.** (highlighted), Data Export
- At end of every year:** Print Out Parts List, Check ONHND Qty., Make Annual Report, Data Export

At the bottom, there are additional utility buttons: Update Parts List, Password Change, Update Master Data, Control Change, Review History, and Database Backup & Restore.

Fig 8.1 Menu

2. “Completed Parts Requisition Screen”(Fig.8-2) is displayed.

The screenshot shows the ADMAX Spare Parts Inventory Control System (SBS) - Ver.7.0.0. The screen displays the 'Completed Parts Requisition' screen. The main menu includes: Menu, Parts, Consumed, Requisition, Delivered, History, Annual Report, and Master. Below these are several functional buttons grouped by category:

- When parts were consumed:** Input Consumed Parts/Qty., Data Export
- When parts requisition sheets is made:** Make Parts Requisition Sheet, Data Export
- When you received data from Headquarters:** Data Import, Check Assessment Result
- When parts were delivered:** **Input Delivered Parts/Qty.** (highlighted), Data Export
- At end of every year:** Print Out Parts List, Check ONHND Qty., Make Annual Report, Data Export

At the bottom, there are additional utility buttons: Update Parts List, Password Change, Update Master Data, Control Change, Review History, and Database Backup & Restore.

Fig8.2 Completed Parts Requisition

3. Select Requisition No. button to find Parts Requisition data which is corresponding to current delivered spare parts.

4. "Order List Dialog"(Fig.8-3) is displayed.
5. Select Parts Requisition and [OK] button.

Order List

New Modify Delete Print Preview OK Close

☒ Completed

Requisition No.	Delivered Date		Port	Made on		Assess by HQS	Total Data
	From	To		Date	Status		
	11/16/2011	11/16/2011		11/16/2011	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4

1 / 1

Fig8.3 Order List Dialog

6. Completed Parts Requisition Screen"(Fig.8-4) is displayed.
If delivered spare parts data which has not been completed existed,
"Input Delivered Qty Screen"(Fig.8-5) is displayed instead of Fig.8-4.
(Go to step 10)

AOMAX Spare Parts Inventory Control System [SBS] - Ver.7.0.0

Menu Parts Consumed Requisition Delivered History Annual Report Master

IHI MARU (Engine) - Parts List -

Requisition No. Delivered Date / / Delivered Port

Select Delivered Date Select Delivered Parts Input Delivered Qty. Complete

Code	Equipment	Parts	SMS	Part Code	Drawing No.	Unit	WORK	SPARE	ONHND
0100	0090>Main Engine	EXHAUST VALVE COMPLETE, 505x995	D	143000	143000	SET	6	2	
0100	0100>Main Engine	STARTING AIR VALVE COMPLETE, 327.3x172	D	144000	144000	SET	6	1	C
0100	0110>Main Engine	CYLINDER SAFETY VALVE COMPLETE, L266	D	145000	145000	SET	6	1	C
0100	0120>Main Engine	STUD BOLT & NUT FOR CYLINDER COVER, M52x3D94xL1629	D	132007	132007, 132008	SET	48	4	2

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Fig8.4 Completed Parts Requisition

7. Input Delivered Date and Port.
8. Select check box of delivered spare parts.
If you select same item again, selection is cancelled.
9. Select [Input Delivered Qty] button when you finish selecting all delivered spare parts.

The screenshot shows the 'Delivered Parts List' screen. At the top, there are tabs: Menu, Parts, Consumed, Requisition, Delivered, History, Annual Report, and Master. The 'Delivered' tab is active. Below the tabs, there are fields for Requisition No., Delivered Date, and Delivered Port. A 'Print' button is also present. Below these fields, there are buttons for 'Select Delivered Date', 'Select Delivered Parts', 'Input Delivered Qty' (highlighted), and 'Complete'. The main area contains a table with the following data:

Code	Equipment	Parts	WORK	SPARE	ONHND	ONOOR	ASSESS	DELIV	Item Code	Cost Code
E0100	0090>Main Engine	EXHAUST VALVE COMPLETE. 505x995	6	2	2	0	1	1	MACH-1, PA4, Ite	
E0100	0100>Main Engine	STARTING AIR VALVE COMPLETE. 327.3x172	6	1	1	0	1	1	MACH-1, PA4, Ite	
E0100	0110>Main Engine	CYLINDER SAFETY VALVE COMPLETE. L266	6	1	1	0	1	1	MACH-1, PA4, Ite	
E0100	0120>Main Engine	STUD BOLT & NUT FOR CYLINDER COVER. M52x3/D94xL1629	48	4	4	0	1	1	MACH-1, PA4, Ite	

Fig 8.5 Input Delivered Qty.

10. "Input Delivered Qty Screen"(Fig.8-5) is displayed. In this screen, all spare parts selected by step 8 are shown.
11. . If you wanted to select delivered spare parts again, select [Select Delivered Parts] button to return to "Select Delivered Parts Screen" and you can select check box by same procedure as step 8.
12. Input delivery quantity for each spare parts.
Delivery quantity greater than on order (On Order) quantity can not be input.
On hand (Spare R.O.B) quantity is added and on order quantity (On Order) is reduced by inputting delivery quantity.
Requisition quantity (Required) are calculated at the same time by the following formula.
$$\text{Required} = \text{Standard} - (\text{Spare R.O.B} + \text{On Order})$$

13. Select [Complete] button if you finished inputting all delivery quantity.
The persons who has "Administrator" or "Approve" authority are only permitted to select [Complete] button.
Please note that data cannot be corrected afterwards when you select [Complete] button once.
14. "Completed Delivered Parts Screen"(Fig.8-6) is displayed.

Code	Equipment	Parts	WORK	SPARE	ONHND	ONODR	ASSES	DELIV	Item Code	Cost Code
E0100	0000 Main Engine	EXHAUST VALVE COMPLETE, 505x995	6	2	2	0	1	1	2 MACH-1, PA4, Ite	
E0100	0100 Main Engine	STARTING AIR VALVE COMPLETE, 327.3x172	6	1	1	0	1	1	1 MACH-1, PA4, Ite	
E0100	0110 Main Engine	CYLINDER SAFETY VALVE COMPLETE, L266	6	1	1	0	1	1	1 MACH-1, PA4, Ite	
E0100	0120 Main Engine	STUD BOLT & NUT FOR CYLINDER COVER, M52x3/094xL1629	48	4	4	0	1	1	1 MACH-1, PA4, Ite	

Fig 8.6 Completed Delivered Parts

15. Select [Menu] button to return to "Menu Screen".
16. On the "Menu Screen"(Fig.8-7), select [Data Export].
"Data Export Dialog"(Fig.8-8) is displayed.

Menu Screen Options:

- When parts were consumed:** Input Consumed Parts/Qty.
- When parts requisition sheets is made:** Make Parts Requisition Sheet, Data Export.
- When you received data from Headquarters:** Data Import, Check Assessment Result.
- When parts were delivered:** Input Delivered Parts/Qty., **Data Export** (highlighted).
- At end of every year:** Print Out Parts List, Check ONHND Qty., Make Annual Report, Data Export.
- When it is necessary:** Update Parts List, Password Change, Update Master Data, Control Change, Review History, Database Backup & Restore.

Fig 8.7 Menu

17. Input export period or select from calendar by [▼] button to contain all the days when new Parts Requisition was made.



Fig 8.8 Data Export

18. If spare parts and/or Master data were modified during export period, select "Master Data" button.

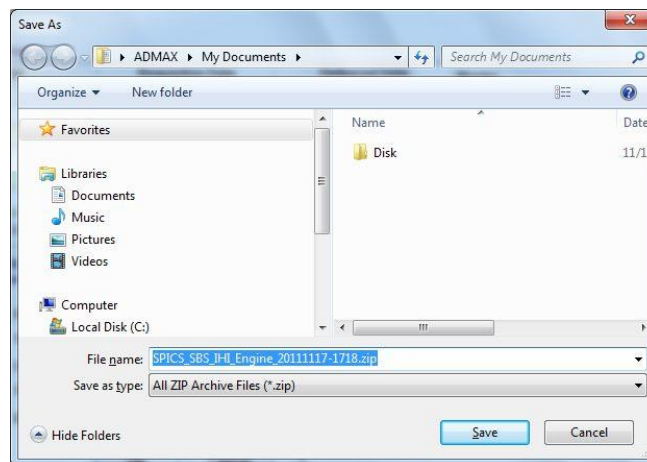


Fig 8.9 Save As

19. Select [OK] button. "Save File Screen"(Fig.8-9) is displayed.
20. Select saving folder, compressing format (.zip) for export file. File name is given as below.
 SPICS_SBS_aaa_yymmdd-hhmm.lzh (.zip)
 aaa: Ship code
 yyymmdd-hhmm: Export date & time
 Modify file name if necessary. Then, select [Save] button.

21. Select [OK] at completion message dialog.
22. Export history is recorded on "Import & Export History".
23. Send export file to Headquarters as attached file of E-mail.

ADMAX Spare Parts Inventory Control System [SBS] - Ver.7.0.0

Menu Parts Consumed Requisition Delivered History Annual Report Master

If * was in this column, click here to display critical spare parts list with shortage condition.

Department: ☐ Deck ☒ Engine

No Ship's Name Code Delivery
104 MARU 104 2008/1/26

When parts were consumed

When parts requisition sheets is made

When you received data from Headquarters

When parts were delivered

At end of every year

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When it is necessary

Date	Import	Export	Requisition Data	Delivered Data	Master Data		
			From	To	From	To	
2011/11/16			2011/11/16	2011/11/16			
2011/11/16			2011/11/16	2011/11/16			<input checked="" type="checkbox"/>
2011/11/16			2011/11/16	2011/11/16			<input checked="" type="checkbox"/>

Fig 8.10 Menu

9. Review Consumed / Requisition / Delivered Parts History

- On the "Menu Screen"(Fig.9-1), select [Review History].

ADMAX Spare Parts Inventory Control System (SBS) - Ver.7.0.0

Menu Parts Consumed Requisition Delivered History Annual Report Master

If * was in this column, click here to display critical spare parts list with shortage condition.

Department: ☐ Deck ☒ Engine

When parts were consumed

When parts requisition sheets is made

When you received data from Headquarters

When parts were delivered

At end of every year

Import & Export History

Date	Requisition Data	Delivered Data	Master Data			
Import	Export	From	To	From	To	
2011/11/16	2011/11/16	2011/11/16	2011/11/16			<input type="checkbox"/>
2011/11/16	2011/11/16	2011/11/16	2011/11/16			<input checked="" type="checkbox"/>
2011/11/16	2011/11/16	2011/11/16	2011/11/16			<input checked="" type="checkbox"/>

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When it is necessary

Fig 9.1 Menu

- "History (Consumed Parts) Screen "(Fig.9-2) is displayed.
In this screen, all spare parts consumed in the last 12 months is displayed.

ADMAX Spare Parts Inventory Control System (SBS) - Ver.7.0.0

Menu Parts Consumed Requisition Delivered History Annual Report Master

IHI MARU (Engine) - History -

Code Search: View ☒ Consumed ☐ Requisition ☐ Delivered

Filter:

Period: 11/17/2010 - 11/17/2011

Code	Equipment	Parts	SMS	Part Code	Drawing No.	Unit	WORK	SPARE	Date
E0100	0090 MAIN ENGINE	EXHAUST VALVE COMPLETE, 505x995	D	143000	143000	SET	6	2	11/16/2011
E0100	0100 MAIN ENGINE	STARTING AIR VALVE COMPLETE, 327.3x172	D	144000	144000	SET	6	1	11/16/2011
E0100	0110 MAIN ENGINE	CYLINDER SAFETY VALVE COMPLETE, L266	D	145000	145000	SET	6	1	11/16/2011
E0100	0120 MAIN ENGINE	STUD BOLT & NUT FOR CYLINDER COVER, M52x3D/94xL1629	D	132007	132007, 132008	SET	48	4	11/16/2011

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Fig 9.2 History (Consumed Parts)

3. Select [Period] button and "Period Setting Dialog"(Fig.9-3) is displayed.
4. Input period or select from calendar by [▼] button to change period.
5. Select [OK] button.
6. All spare parts consumed in changed period is displayed again.
7. "Code Search" function or "Filter" function can be used to find spare parts.
(Refer to Section 17.1 & 17.2)
8. Select [Requisition] button.

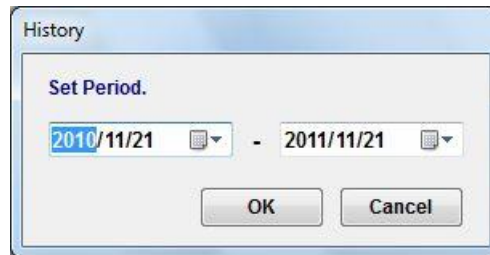


Fig 9.3 Period Setting Dialog

9. "History (Parts Requisition) Screen"(Fig.9-4) is displayed.
In this screen, all spare parts ordered in the specified period is displayed.
10. Select [Period] button and "Period Setting Dialog"(Fig.9-5) is displayed.
11. Input period or select from calendar by [▼] button to change period.
12. Select [OK] button.
13. All spare parts ordered in changed period is displayed again.
14. "Code Search" function or "Filter" function can be used to find spare parts.
(Refer to Section 17.1 & 17.2)
15. Select [Delivered] button.

Code	Equipment	Parts	SMS	Part Code	Drawing No.	Unit	WORK	SPARE	Date
E0100	0090 MAIN ENGINE	EXHAUST VALVE COMPLETE, 505x995	D	143000	143000	SET	6	2	11/16/2011
E0100	0100 MAIN ENGINE	STARTING AIR VALVE COMPLETE, 327.3x172	D	144000	144000	SET	6	1	11/16/2011
E0100	0110 MAIN ENGINE	CYLINDER SAFETY VALVE COMPLETE, L266	D	145000	145000	SET	6	1	11/16/2011
E0100	0120 MAIN ENGINE	STUD BOLT & NUT FOR CYLINDER COVER, M52x3/8x4xL1629	D	132007	132007, 132006	SET	48	4	11/16/2011

Fig 9.4 History (Parts Requisition)

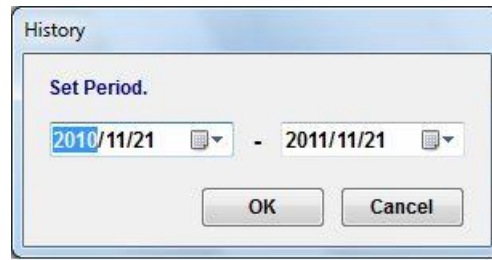


Fig 9.5 Period Setting Dialog

16. "History (Delivered Parts) Screen"(Fig.9-6) is displayed.
In this screen, all spare parts delivered in the specified period is displayed.
17. Select [Period] button and "Period Setting Dialog"(Fig.9-7) is displayed.
18. Input period or select from calendar by [▼] button to change period.
19. Select [OK] button.
20. All spare parts delivered in changed period is displayed again.
21. "Code Search" function or "Filter" function can be used to find spare parts.
(Refer to Section 17.1 & 17.2)
22. Select [Menu] button to return to "Menu Screen".

 A screenshot of the "History (Delivered Parts)" screen in the ADMAx Spare Parts Inventory Control System [SBS] - Ver.7.0.0. The screen shows a list of delivered parts for "IH MARU (Engine)". A red box highlights the "View" button and the "Delivered" radio button. The table below lists various parts with their codes, equipment, parts, SMS, part codes, drawing numbers, units, and work status.

Code	Equipment	Parts	SMS	Part Code	Drawing No.	Unit	WORK
H1210 0090	FRAMO SUBM. CARGO PU	FRAMO CARGO SEAL SET FOR SD125/150	ADA	A20888	366-1128-1 & 366	PC	28
E0200 2050	G/E ENGINE	O-RING FOR FUEL INJECTION VALVE	AAA	151673-51380	151673-51380	PC	18
E0200 4970	G/E ENGINE	Flexible shaft	AAA	28711-000800		PC	3
E0200 5050	G/E ENGINE	NOZZLE PACKING FOR FUEL INJ. VALVE	AAA	137600-53091		PC	18
E0320 0870	OIL BURNING APPARATUS	O-RING, F.O PUMP	AAA	739.1		PC	2
E0500 0230	FO PURIFIER	IMPELLER	AAA	316016001	322	PC	2
E0504 1010	LO PURIFIER	CONNECTING TUBE(1)	AAA	319987106	201356 401	PC	4
E1400 0070	MARINE GROWTH PREVE	DIAPHRAM	AAA			PC	2
E1731 0070	PROPELLER SHAFT REVOL	EL-PLATE, (TYPE: SL-200K)	AAA		4K1-20349	PC	2
H3330 0050	COMBUSTIBLE GAS ALAR	CHECKER CUP	AAA		G000074A	PC	2
H3330 0060	COMBUSTIBLE GAS ALAR	FILTER CUP	AAA		G000074A	PC	2
E0200 0300	G/E ENGINE	TAPER BUSH FOR FUEL INJECTION VALVE	ADA	146673-11622	14667311622.3	PC	18
E0200 0310	G/E ENGINE	RETAINER, TEFRON RING FOR FUEL INJECTION VALVE	ADA	146673-11800	14667311800.3	PC	18
E0200 0350	G/E ENGINE	PACKING FOR HIGH PRESSURE TUBE	ADA	146673-59020	14667359020.3	PC	18
E0200 0400	G/E ENGINE	GASKET FOR EXHAUST OUTLET OF CLYINDER HEAD	ADA	147673-13200	14767313200.3	PC	18
E0200 0460	G/E ENGINE	PACKING FOR INDICATOR COCK	ADA	23414-120000	23414120000.3	PC	18
E0200 0490	G/E ENGINE	O-RING FO VALVE	ADA	128633-11880	12863311880.3	PC	18
E0200 0540	G/E ENGINE	O-RING FO VALVE	ADA	146673-53900	14667353900.3	PC	18
E0501 0150	FO PURIFIER	O-RING	ADA	A10032A	211	PC	1
E0501 0430	FO PURIFIER	O-RING	ADA	A90080A	708	PC	2
E0501 0440	FO PURIFIER	PACKING	ADA	A36155001	711	PC	1
E0501 0080	FO PURIFIER	O-RING	ADA	A30085B	114	PC	1
E0501 0070	FO PURIFIER	O-RING	ADA	A43118B	116	PC	1

Fig 9.6 History (Delivered Parts)

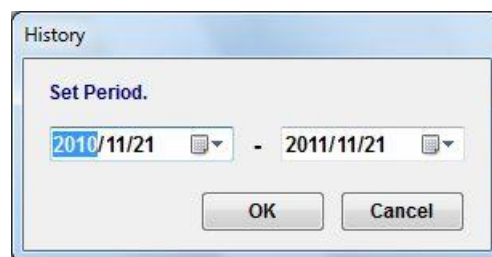


Fig 9.7 Period Setting Dialog

10. Make Annual Report

- On the “Menu Screen” (Fig.10-1), select [Print out Parts List].

Fig 10.1 Menu

- “Parts List Screen”(Fig.10-2) is displayed. In this screen, all spare parts registered in master database are shown.

Code	Equipment	Parts	SMS	Part Code	Drawing No.	Unit	WORK	SPARE	ONHND	ONO
E0100	0010>Main Engine	CYLINDER COVER, COMPL. D924xH1386	D	141000	141000	SET	6	1	0	
E0100	0020>Main Engine	SPRING BOX, COMPL. FOR FO INJ. VALVE, D34xL93	D	141100	141100	SET	24	4	0	
E0100	0030>Main Engine	FUEL INJECTION VALVE COMPLETE	D	142000	142000	SET	12	2	0	
E0100	0040>Main Engine	EXHAUST VALVE COMPLETE	D	143000	143000, 143008	SET	6	1	0	
E0100	0050>Main Engine	STARTING AIR VALVE COMPLETE	D	144000	144000	SET	6	1	0	
E0100	0060>Main Engine	CYLINDER SAFETY VALVE COMPLETE	D	145000	145000	SET	6	1	0	
E0100	0070>Main Engine	INDICATOR VALVE COMPLETE	D	146000	146000	SET	6	1	0	
E0100	0080>Main Engine	FUEL INJECTION VALVE COMPLETE, 377.6x102	D	142000	142000	SET	12	12	10	
E0100	0090>Main Engine	EXHAUST VALVE COMPLETE, 505x995	D	143000	143000	SET	6	2	2	
E0100	0100>Main Engine	STARTING AIR VALVE COMPLETE, 327.3x172	D	144000	144000	SET	6	1	1	
E0100	0110>Main Engine	CYLINDER SAFETY VALVE COMPLETE, L266	D	145000	145000	SET	6	1	1	
E0100	0130>Main Engine	CYLINDER LINER, D712xL2175	D	134002	134002	SET	6	1	1	
E0100	0140>Main Engine	PISTON, COMPL. D500xL2761	D	245000	245000	SET	6	1	1	
E0100	0150>Main Engine	1ST PISTON RING, D500xT10	D	245006	245006	PC	6	1	0	
E0100	0160>Main Engine	1ST PISTON RING, D500xT10	D	245006	245006	PC	0	1	1	
E0100	0170>Main Engine	2ND PISTON RING, D500xT10	D	245007	245007	PC	6	1	0	
E0100	0180>Main Engine	2ND PISTON RING, D500xT10	D	245007	245007	PC	0	1	1	
E0100	0190>Main Engine	3RD & 4TH PISTON RING, D500xT10	D	245008	245008	PC	12	2	0	
E0100	0200>Main Engine	3RD & 4TH PISTON RING, D500xT10	D	245008	245008	PC	0	2	2	
E0100	0210>Main Engine	INNER PIPE FOR PISTON COOLING, D142.5xL2123	D	246006	246006	PC	6	1	1	
E0100	0220>Main Engine	SLEEVE FOR PISTON COOLING, D73.5xL113	D	246004	246004	PC	6	1	1	
E0100	0230>Main Engine	CROSS HEAD PIN BEARING, ID426	D	235018	235018	PC	12	2	2	
E0100	0240>Main Engine	CROSS HEAD PIN BEARING, ID426	D	235006	235006	PC	6	1	1	
E0100	0250>Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3/4D70xL485D	D	235009	235009, 235010	SET	24	4	4	
E0100	0260>Main Engine	CRANK PIN BEARING, OD586	D	235018	235018, 235006	SET	6	1	1	
E0100	0270>Main Engine	STUD BOLT & NUT FOR CRANK PIN BEARING, M52x3/4D85xL582	D	235007	235007, 235009	SET	12	2	2	
E0100	0280>Main Engine	MAIN BEARING METAL, OD600xL209	D	114303	114303, 114304	PC	7	1	1	
E0100	0290>Main Engine	ELASTIC STUD FOR MAIN BEARING WITH NUT, M42x3/4D70xL612	D	114312	114312, 114313	SET	30	4	4	
E0100	0300>Main Engine	THRUST PAD, T65	D	116009	116009	PC	12	6	6	

Fig 10.2 Parts List

- Extract spare parts by "Filter" function to each equipment or each store etc. to check stock condition. (Refer to Section 17.2)
- Select [Print] button to print out extracted spare parts list.
- Select [Menu] button to return to “Menu Screen”.
- Execute stock taking and write down result to this spare parts list.
- On the “Menu Screen”(Fig.10-1), select [Make Annual Report].
- “Annual Report Screen”(Fig.10-3) is displayed.

9. Select spare parts whose on hand Qty and/or store location is different from the current database.

Code	Equipment	Parts	SMS	Part Code	Drawing No.	Unit	WORK	SPARE	ONHND	ONORD
E0100	0010 Main Engine	CYLINDER COVER COMPL D934xH1386	D	141000	141000	SET	6	1	0	0
E0100	0020 Main Engine	SPRING BOX COMPL FOR FO INJ VALVE, D34xL93	D	141100	141100	SET	24	4	0	0
E0100	0030 Main Engine	FUEL INJECTION VALVE COMPLETE	D	142000	142000	SET	12	2	0	0
E0100	0040 Main Engine	EXHAUST VALVE COMPLETE	D	143000	143100, 143000	SET	6	1	0	0
E0100	0050 Main Engine	STARTING AIR VALVE COMPLETE	D	144000	144000	SET	6	1	0	0
E0100	0060 Main Engine	CYLINDER SAFETY VALVE COMPLETE	D	145000	145000	SET	6	1	0	0
E0100	0070 Main Engine	INDICATOR VALVE COMPLETE	D	146000	146000	SET	6	1	0	0
E0100	0080 Main Engine	FUEL INJECTION VALVE COMPLETE, 377.6x102	D	142000	142000	SET	12	12	10	0
E0100	0090 Main Engine	EXHAUST VALVE COMPLETE, 505x995	D	143000	143000	SET	6	2	2	0
E0100	0100 Main Engine	STARTING AIR VALVE COMPLETE, 327.3x172	D	144000	144000	SET	6	1	1	0
E0100	0110 Main Engine	CYLINDER SAFETY VALVE COMPLETE, L266	ADB	145000	145000	SET	6	1	1	0
E0100	0120 Main Engine	CYLINDER LINER, D712xL2175	D	134002	134002	SET	6	1	1	0
E0100	0140 Main Engine	PISTON COMPL, D500xL2781	D	245000	245000	SET	6	1	1	0
E0100	0150 Main Engine	1ST PISTON RING, D500xT10	D	245006	245006	PC	6	1	0	0
E0100	0160 Main Engine	2ND PISTON RING, D500xT10	D	245006	245006	PC	0	1	1	0
E0100	0170 Main Engine	3RD & 4TH PISTON RING, D500xT10	D	245007	245007	PC	6	1	1	0
E0100	0180 Main Engine	3RD & 4TH PISTON RING, D500xT10	D	245007	245007	PC	0	1	1	0
E0100	0190 Main Engine	3RD & 4TH PISTON RING, D500xT10	D	245008	245008	PC	12	2	0	0
E0100	0200 Main Engine	3RD & 4TH PISTON RING, D500xT10	D	245008	245008	PC	0	2	2	0
E0100	0210 Main Engine	INNER PIPE FOR PISTON COOLING, D142.5xL2123	D	246006	246006	PC	6	1	1	0
E0100	0220 Main Engine	SLEEVE FOR PISTON COOLING, D73.5xL113	D	246004	246004	PC	6	1	1	0
E0100	0230 Main Engine	CROSS HEAD PIN BEARING, ID426	D	235018	235018	PC	12	2	2	0
E0100	0240 Main Engine	CROSS HEAD PIN BEARING, ID426	D	235006	235006	PC	6	1	1	0
E0100	0250 Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3/DT04L485D	D	235009	235009, 235010	SET	24	4	4	0
E0100	0260 Main Engine	CRANK PIN BEARING, OD586	D	235018	235018, 235006	SET	6	1	1	0
E0100	0270 Main Engine	STUD BOLT & NUT FOR CRANK PIN BEARING, M52x3/DT08L582	D	235007	235007, 235009	SET	12	2	2	0
E0100	0280 Main Engine	MAIN BEARING METAL, OD600xL209	D	114303	114303, 114304	PC	7	1	1	0
E0100	0290 Main Engine	ELASTIC STUD FOR MAIN BEARING WITH NUT, M42x3/DT04L612	D	114312	114312, 114313	SET	30	4	4	0
E0100	0300 Main Engine	THRUST PAD, T65	D	116009	116009	PC	12	6	6	0

Fig 10.3 Annual Report

10. Select [Modify] button and "Parts Detail Dialog (Edit Mode)"(Fig.10-4) is displayed.
11. Modify on hand Qty and/or store location.
12. Select [Save] button.
13. Select [Close] button to return to "Parts List Screen".
14. Select a next check mark button of spare parts to be modified and do step 10 ~13.
15. When you finish modification, select [Complete].

The person who has "Administrator" or "Approve" authority are only permitted to select [Complete] button.

Please note that data cannot be corrected afterwards when you select [Complete] button once.

Made On	Qty.	Code	Maintenance Item	Qty.	Requisition No.	Qty.	Port
0 / 0							

Fig 10.4 Parts Detail Dialog (Edit Mode)

Parts Detail

Code: E0100 0010 Equipment: MAIN ENGINE
 Cost: Maker: KOBE DIESEL CO., LTD
 Parts: CYLINDER COVER COMPL D934xH1386
 Part Code: 141000 Drawing No. 141000 Unit: SET
 SMS: D Item Code: MACH-1, PA3, Item1
 WORK: 6 SPARE: 1 ONHND: 0 ONDRD: 1 REQD: 0
 Store: ---
 Unit Price: 0.00 (US\$)
 Remarks:

History

Made On	Qty.	Code	Consumption Maintenance Item	Qty.	Order Requisition No.	Qty.	Delivered Port
0 / 0							

<< Previous Next >> Modify Append Delete Print Preview **Close**

Fig 10.5 Parts Detail Dialog

16. "Completed Annual Report Screen"(Fig.10-6) is displayed.
17. Select [Menu] button to return to "Menu Screen".
18. On the "Menu Screen"(Fig.10-7), select [Data Export].
 "Export Period Dialog"(Fig.10-8) is displayed.
19. Confirm Master Data check box is selected and select [OK] button.

ADMAX Spare Parts Inventory Control System [SBS] - Ver.7.6.0

Menu Parts Consumed Requisition Delivered History Annual Report Master

IHI MARU (Engine) - Annual Report -

Detail Parts Data Modify Append Delete Filter Print Preview **Menu**

Code Search

Modify Parts Data with Detail Screen if Necessary ☒ Complete

Code	Equipment	Parts	SMS	Part Code	Drawing No.	Unit	WORK	SPARE	ONHND	ONDRD
E0100	0010>Main Engine	CYLINDER COVER COMPL D934xH1386	D	141000	141000	SET	6	1	0	0
E0100	0020>Main Engine	SPRING BOX COMPL FOR FO INJ VALVE, D34xL93	D	141100	141100	SET	24	4	0	0
E0100	0030>Main Engine	FUEL INJECTION VALVE COMPLETE	D	142000	142000	SET	12	2	0	0
E0100	0040>Main Engine	EXHAUST VALVE COMPLETE	D	143000	143000, 143008	SET	6	1	0	0
E0100	0050>Main Engine	STARTING AIR VALVE COMPLETE	D	144000	144000	SET	6	1	0	0
E0100	0060>Main Engine	CYLINDER SAFETY VALVE COMPLETE	D	145000	145000	SET	6	1	0	0
E0100	0070>Main Engine	INDICATOR VALVE COMPLETE	D	146000	146000	SET	6	1	0	0
E0100	0080>Main Engine	FUEL INJECTION VALVE COMPLETE, 377.6x102	D	142000	142000	SET	12	12	10	0
E0100	0090>Main Engine	EXHAUST VALVE COMPLETE, 505x995	D	143000	143000	SET	6	2	2	0
E0100	0100>Main Engine	STARTING AIR VALVE COMPLETE, 327.3x172	D	144000	144000	SET	6	1	1	0
E0100	0110>Main Engine	CYLINDER SAFETY VALVE COMPLETE, L266	ADB	145000	145000	SET	6	1	1	0
E0100	0130>Main Engine	CYLINDER LINER, D712xL2175	D	134002	134002	SET	6	1	1	0
E0100	0140>Main Engine	PISTON COMPL, D500xL2761	D	245000	245000	SET	6	1	1	0
E0100	0150>Main Engine	1ST PISTON RING, D500xT10	D	245006	245006	PC	6	1	0	0
E0100	0160>Main Engine	1ST PISTON RING, D500xT10	D	245006	245006	PC	0	1	1	0
E0100	0170>Main Engine	2ND PISTON RING, D500xT10	D	245007	245007	PC	6	1	0	0
E0100	0180>Main Engine	2ND PISTON RING, D500xT10	D	245007	245007	PC	0	1	1	0
E0100	0190>Main Engine	3RD & 4TH PISTON RING, D500xT10	D	245008	245008	PC	12	2	0	0
E0100	0200>Main Engine	3RD & 4TH PISTON RING, D500xT10	D	245008	245008	PC	0	2	2	0
E0100	0210>Main Engine	INNER PIPE FOR PISTON COOLING, D142.5xL2123	D	246006	246006	PC	6	1	1	0
E0100	0220>Main Engine	SLEEVE FOR PISTON COOLING, D73.5xL113	D	246004	246004	PC	6	1	1	0
E0100	0230>Main Engine	CROSS HEAD PIN BEARING, ID426	D	235018	235018	PC	12	2	2	0
E0100	0240>Main Engine	CROSS HEAD PIN BEARING, ID426	D	235006	235006	PC	6	1	1	0
E0100	0250>Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3/4D70xL485D	D	235009	235009, 235010	SET	24	4	4	0
E0100	0260>Main Engine	CRANK PIN BEARING, OD586	D	235018	235018, 235006	SET	6	1	1	0
E0100	0270>Main Engine	STUD BOLT & NUT FOR CRANK PIN BEARING, M52x3/4D85xL582	D	235007	235007, 235009	SET	12	2	2	0
E0100	0280>Main Engine	MAIN BEARING METAL, OD600xL209	D	114303	114303, 114304	PC	7	1	1	0
E0100	0290>Main Engine	ELASTIC STUD FOR MAIN BEARING WITH NUT, M42x3/4D70xL612	D	114312	114312, 114313	SET	30	4	4	0
E0100	0300>Main Engine	THRUST PAD, T65	D	116009	116009	PC	12	6	6	0

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Fig 10.6 Completed Annual Report

ADMAX Spare Parts Inventory Control System [SBS] - Ver.7.0.0

Menu Parts Consumed Requisition Delivered History Annual Report Master

Department: ☐ Deck ☒ Engine

It * was in this column, click here to display critical spare parts list with shortage condition.

No	Ship's Name	Code	Delivery
1	TJHE MARU	9H	2008/11/26

When parts were consumed

When parts requisition sheets is made

When you received data from Headquarters

When parts were delivered

At end of every year

1/3

When it is necessary

Fig 10.7 Menu

Data Export

Only the completed Requisition data in the specified is exported.

☐ Requisition Data
Made on 11/23/2011 - 11/23/2011

☐ Delivered Data
Made on 11/23/2011 - 11/23/2011

☒ Master Data

Fig 10.8 Export Dialog

20. "Save As Screen"(Fig.10-9) is displayed.

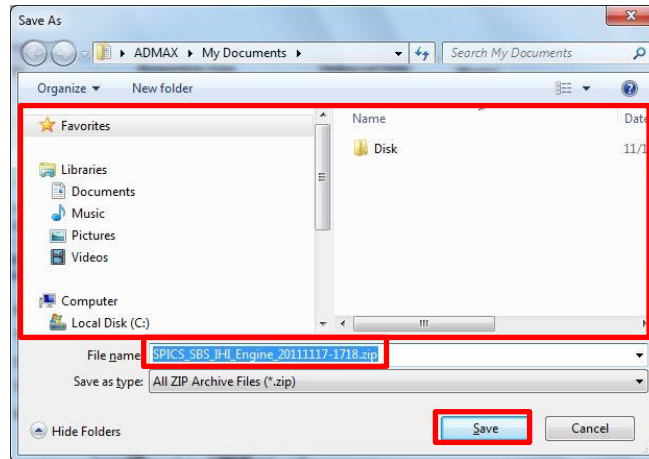


Fig 10.9 Save As

21. Select saving folder, compressing format(.zip) for export file. File name is given as below.

SPICS_SBS_aaa_yymmdd-hhmm.lzh (.zip)

aaa: Ship code

yymmdd-hhmm: Export date & time

Modify file name if necessary. Then, select [Save] button.

22. Select [OK] at completion message dialog.

23. Export history is recorded on "Import & Export History".

24. Send export file to Headquarters as attached file of E-mail.

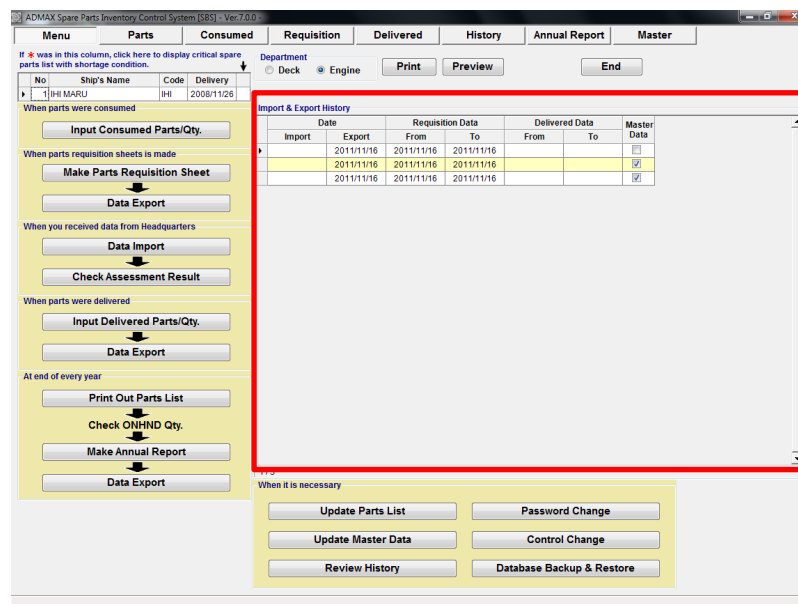


Fig 10.10 Menu

11. Update Spare Parts Data

1. On the “Menu Screen”(Fig.11-1), select [Update Parts List].

Fig 11.1 Menu

2. “Parts List Screen”(Fig.11-2) is displayed. In this screen, all spare parts registered in master database are shown.
3. Use “Code Search” function or “Filter” function to find spare parts to be modified. (Refer to Section 17.1 & 17.2)
4. Select spare parts to be modified.
5. Select [Modify] button and “Parts Detail Dialog (Edit Mode)”(Fig.11-3) is displayed.

Code	Equipment	Parts	SMS	Part Code	Drawing No.	Unit	WORK	SPARE	ONHAND
E0100 0010	Main Engine	CYLINDER COVER COMPL D934XH1386	D	141000	141000	SET	6	1	0
E0100 0020	Main Engine	SPRING BOX COMPL FOR FO INJ VALVE, D34XL93	D	141100	141100	SET	24	4	0
E0100 0030	Main Engine	FUEL INJECTION VALVE COMPLETE	D	142000	142000	SET	12	2	0
E0100 0040	Main Engine	EXHAUST VALVE COMPLETE	D	143000	143100, 143000	SET	6	1	0
E0100 0050	Main Engine	STARTING AIR VALVE COMPLETE	D	144000	144000	SET	6	1	0
E0100 0060	Main Engine	CYLINDER SAFETY VALVE COMPLETE	D	145000	145000	SET	6	1	0
E0100 0070	Main Engine	INDICATOR VALVE COMPLETE	D	146000	146000	SET	6	1	0
E0100 0080	Main Engine	FUEL INJECTION VALVE COMPLETE, 377.6x102	D	142000	142000	SET	12	12	10
E0100 0090	Main Engine	EXHAUST VALVE COMPLETE, 505x995	D	143000	143000	SET	6	2	0
E0100 0100	Main Engine	STARTING AIR VALVE COMPLETE, 327.3x172	D	144000	144000	SET	6	1	0
E0100 0110	Main Engine	CYLINDER SAFETY VALVE COMPLETE, L266	D	145000	145000	SET	6	1	0
E0100 0120	Main Engine	STUD BOLT & NUT FOR CYLINDER COVER, M52x3/D94xL1629	D	132007	132007, 132006	SET	48	4	0
E0100 0130	Main Engine	CYLINDER LINER, D712xL2175	D	134002	134002	SET	6	1	0
E0100 0140	Main Engine	PISTON COMPL, D500xL2761	D	245000	245000	SET	6	1	0
E0100 0150	Main Engine	1ST PISTON RING, D500xT10	D	245006	245006	PC	6	1	0
E0100 0160	Main Engine	1ST PISTON RING, D500xT10	D	245006	245006	PC	0	1	0
E0100 0170	Main Engine	2ND PISTON RING, D500xT10	D	245007	245007	PC	6	1	0
E0100 0180	Main Engine	2ND PISTON RING, D500xT10	D	245007	245007	PC	0	1	0
E0100 0190	Main Engine	3RD & 4TH PISTON RING, D500xT10	D	245008	245008	PC	12	2	0
E0100 0200	Main Engine	3RD & 4TH PISTON RING, D500xT10	D	245008	245008	PC	0	2	0
E0100 0210	Main Engine	INNER PIPE FOR PISTON COOLING, D142.5xL2123	D	246006	246006	PC	6	1	0
E0100 0220	Main Engine	SLEEVE FOR PISTON COOLING, D73.5xL113	D	246004	246004	PC	6	1	0
E0100 0230	Main Engine	CROSS HEAD PIN BEARING, ID426	D	235018	235018	PC	12	2	0
E0100 0240	Main Engine	CROSS HEAD PIN BEARING, ID426	D	235006	235006	PC	6	1	0
E0100 0250	Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3/D70xL485	D	235009	235009, 235010	SET	24	4	0
E0100 0260	Main Engine	CRANK PIN BEARING, OD586	D	235018	235018, 235006	SET	6	1	0
E0100 0270	Main Engine	STUD BOLT & NUT FOR CRANK PIN BEARING, M52x3/D85xL582	D	235007	235007, 235009	SET	12	2	0
E0100 0280	Main Engine	MAIN BEARING METAL, OD600xL209	D	114303	114303, 114304	PC	7	1	0
E0100 0290	Main Engine	ELASTIC STUD FOR MAIN BEARING WITH NUT, M42x3/D70xL612	D	114312	114312, 114313	SET	30	4	0
E0100 0300	Main Engine	THRUST PAD, T65	D	116009	116009	PC	12	6	0
E0100 0310	Main Engine	STUFFING BOX COMPL D399xL275	D	133000	133000	SET	6	1	0

Fig 11.2 Parts List

6. Modify data on "Parts Detail Dialog (Edit Mode)".
Please note that CODE cannot be corrected.
7. Select [Save] button.
8. Select [Close] button to return to "Parts List Screen".
9. Select a next check button of spare parts to be modified and do step 3 ~8.
Revision flag (M) is put on subject spare parts.
This flag will be deleted after next Data Export.

Parts Detail

Code: E0100 0010 Equipment: MAIN ENGINE

Cost: Maker: KOBEL DIESEL CO., LTD

Parts: CYLINDER COVER COMPL D934xH1386

Part Code: 141000 Drawing No.: 141000 Unit: SET

SMS: D Item Code: MACH-1, PA3, Item1

WORK: 6 SPARE: 1 ONHND: 0 ONDRD: 1 REQD: 0

Store: ---

Unit Price: 0.00 (US\$)

Remarks:

History

Made On	Qty.	Code	Maintenance Item	Qty.	Order Requisition No.	Qty.	Delivered Port
0 / 0							

Save Cancel

Fig 11.3 Parts Detail Dialog (Edit Mode)

Parts Detail

Code: E0100 0010 Equipment: MAIN ENGINE

Cost: Maker: KOBEL DIESEL CO., LTD

Parts: CYLINDER COVER COMPL D934xH1386

Part Code: 141000 Drawing No.: 141000 Unit: SET

SMS: D Item Code: MACH-1, PA3, Item1

WORK: 6 SPARE: 1 ONHND: 0 ONDRD: 1 REQD: 0

Store: ---

Unit Price: 0.00 (US\$)

Remarks:

History

Made On	Qty.	Code	Maintenance Item	Qty.	Order Requisition No.	Qty.	Delivered Port
0 / 0							

<< Previous Next >> Modify Append Delete Print Preview Close

Fig 11.1.3 Parts Detail Dialog

10. If you want to append new spare parts data, select [Append] button on "Parts List Screen"(Fig.11-5).

"Parts Detail Dialog (Append Mode) "(Fig.11-6) is displayed.

Code	Equipment	Parts	SMS	Part Code	Drawing No.	Unit	WORK	SPARE	ONHND
E0100 0010	Main Engine	CYLINDER COVER COMPL D934xH1386	D	141000	141000	SET	6	1	C
E0100 0020	Main Engine	SPRING BOX COMPL FOR FO INJ VALVE, D24xL93	D	141100	141100	SET	24	4	C
E0100 0030	Main Engine	FUEL INJECTION VALVE COMPLETE	D	142000	142000	SET	12	2	C
E0100 0040	Main Engine	EXHAUST VALVE COMPLETE	D	143000	143100, 143000	SET	6	1	C
E0100 0050	Main Engine	STARTING AIR VALVE COMPLETE	D	144000	144000	SET	6	1	C
E0100 0060	Main Engine	CYLINDER SAFETY VALVE COMPLETE	D	145000	145000	SET	6	1	C
E0100 0070	Main Engine	INDICATOR VALVE COMPLETE	D	146000	146000	SET	6	1	C
E0100 0080	Main Engine	FUEL INJECTION VALVE COMPLETE, 377 6x102	D	142000	142000	SET	12	12	10
E0100 0090	Main Engine	EXHAUST VALVE COMPLETE, 505x995	D	143000	143000	SET	6	2	1
E0100 0100	Main Engine	STARTING AIR VALVE COMPLETE, 327.3x172	D	144000	144000	SET	6	1	1
E0100 0110	Main Engine	CYLINDER SAFETY VALVE COMPLETE, L266	D	145000	145000	SET	6	1	1
E0100 0120	Main Engine	STUD BOLT & NUT FOR CYLINDER COVER, M52x3/D94xL1629	D	132007	132007, 132006	SET	48	4	3
E0100 0130	Main Engine	CYLINDER LINER, D712xL2175	D		134002 134002	SET	6	1	C
E0100 0140	Main Engine	PISTON COMPL, D590xL2761	D	245000	245000	SET	6	1	C
E0100 0150	Main Engine	1ST PISTON RING, D500xT10	D	245006	245006	PC	6	1	C
E0100 0160	Main Engine	1ST PISTON RING, D500xT10	D	245006	245006	PC	0	1	C
E0100 0170	Main Engine	2ND PISTON RING, D500xT10	D	245007	245007	PC	6	1	C
E0100 0180	Main Engine	2ND PISTON RING, D500xT10	D	245007	245007	PC	0	1	1
E0100 0190	Main Engine	3RD & 4TH PISTON RING, D500xT10	D	245008	245008	PC	12	2	C
E0100 0200	Main Engine	3RD & 4TH PISTON RING, D500xT10	D	245008	245008	PC	0	2	1
E0100 0210	Main Engine	INNER PIPE FOR PISTON COOLING, D142.5xL2123	D	246006	246006	PC	6	1	C
E0100 0220	Main Engine	SLEEVE FOR PISTON COOLING, D73.5xL113	D	246004	246004	PC	6	1	C
E0100 0230	Main Engine	CROSS HEAD PIN BEARING, ID426	D	235018	235018	PC	12	2	2
E0100 0240	Main Engine	CROSS HEAD PIN BEARING, ID426	D	235006	235006	PC	6	1	1
E0100 0250	Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3/D70xL485	D	235009	235009, 235010	SET	24	4	3
E0100 0260	Main Engine	CRANK PIN BEARING, OD586	D	235018	235018, 235006	SET	6	1	1
E0100 0270	Main Engine	STUD BOLT & NUT FOR CRANK PIN BEARING, M52x3/D85xL582	D	235007	235007, 235009	SET	12	2	2
E0100 0280	Main Engine	MAIN BEARING METAL, OD600xL209	D	114303	114303, 114304	PC	7	1	1
E0100 0290	Main Engine	ELASTIC STUD FOR MAIN BEARING WITH NUT, M42x3/D70xL612	D	114312	114312, 114313	SET	30	4	4
E0100 0300	Main Engine	THRUST PAD, T65	D	116009	116009	PC	12	6	1
E0100 0310	Main Engine	STUFFING BOX COMPL D399xL275	D	133000	133000	SET	6	1	1

Fig 11.5 Parts List

11. Input data on "Parts Detail Dialog (Append Mode)".

12. Select [Save] button.

13. Select [Close] button.

Append flag (A) is put on subject spare parts ". This flag will be deleted after next Data Export.

Parts Detail

Code: E0100 4670 Equipment: Main Engine

Cost: Maker:

Part Code: Drawing No.: Unit: PC

SMS: Item Code:

WORK: 0 SPARE: 0 ONHND: 0 ONDRD: 0 REQD: 0

Store: ---

Unit Price: 0 (US\$)

Remarks:

History

Made On	Qty.	Code	Maintenance Item	Qty.	Order Requisition No.	Delivered Port

0 / 0

Save Cancel

Fig 11.6 Parts Detail Dialog (Append Mode)

Parts Detail

Code: E0100 0010 Equipment: MAIN ENGINE
 Cost: Maker: KOBE DIESEL CO., LTD
 Parts: CYLINDER COVER COMPL D934xH1386
 Part Code: 141000 Drawing No.: 141000 Unit: SET
 SMS: D Item Code: MACH-1, PA3, Item1
 WORK: 6 SPARE: 1 ONHND: 0 ONDRD: 1 REQD: 0
 Store: ---
 Unit Price: 0.00 (US\$)
 Remarks:

History

Made On	Qty.	Code	Maintenance Item	Qty.	Requisition No.	Qty.	Port
0 / 0							

<< Previous Next >> Modify Append Delete Print Preview **Close**

Fig 11.7 Parts Detail Dialog

14. If you want to delete spare parts data, select spare parts to be deleted on "Parts List Screen"(Fig.11-8).
15. Select [Delete] button and confirmation message is displayed.
16. Select [OK].
17. Deletion flag (D) is put on subject spare parts ".
18. Spare parts data with flag (D) will be completely deleted after next Data Export.

ADMAX Spare Parts Inventory Control System [SBS] Ver.7.0.0

Menu Parts Consumed Requisition Delivered History Annual Report Master

IHI MARU (Engine) - Parts List -

Detail Parts Data Modify Append Delete Filter Print Preview Menu

Code Search View

All Parts Shortage (REQD > 0) Undelivered (ONDRD > 0)

	Code	Equipment	Parts	SMS	Part Code	Drawing No.	Unit	WORK	SPARE	ONHND	
<input checked="" type="checkbox"/>	E 100	0010>Main Engine	CYLINDER COVER COMPL D934xH1386	D	141000	141000	SET	6	1	1	
<input checked="" type="checkbox"/>	E 100	0020>Main Engine	SPRING BOX COMPL FOR FO INJ VALVE, D34xL93	D	141100	141100	SET	24	4	1	
<input checked="" type="checkbox"/>	E 100	0030>Main Engine	FUEL INJECTION VALVE COMPLETE	D	142000	142000	SET	12	2	1	
<input checked="" type="checkbox"/>	E 100	0040>Main Engine	EXHAUST VALVE COMPLETE	D	143000	143100, 143000	SET	6	1	1	
<input checked="" type="checkbox"/>	E 100	0050>Main Engine	STARTING AIR VALVE COMPLETE	D	144000	144000	SET	6	1	1	
<input checked="" type="checkbox"/>	E 100	0060>Main Engine	CYLINDER SAFETY VALVE COMPLETE	D	145000	145000	SET	6	1	1	
<input checked="" type="checkbox"/>	E 100	0070>Main Engine	INDICATOR VALVE COMPLETE	D	146000	146000	SET	6	1	1	
<input checked="" type="checkbox"/>	E 100	0080>Main Engine	FUEL INJECTION VALVE COMPLETE, 377 6x102	D	142000	142000	SET	12	12	1	
<input checked="" type="checkbox"/>	E 100	0090>Main Engine	EXHAUST VALVE COMPLETE, 505x995	D	143000	143000	SET	6	2	1	
<input checked="" type="checkbox"/>	E 100	0100>Main Engine	STARTING AIR VALVE COMPLETE, 327 3x172	D	144000	144000	SET	6	1	1	
<input checked="" type="checkbox"/>	E 100	0110>Main Engine	CYLINDER SAFETY VALVE COMPLETE, L266	D	145000	145000	SET	6	1	1	
<input checked="" type="checkbox"/>	E 100	0120>Main Engine	STUD BOLT & NUT FOR CYLINDER COVER, M52x3/D94xL1629	D	132007	132007, 132006	SET	48	4	3	
<input checked="" type="checkbox"/>	E 100	0130>Main Engine	CYLINDER LINER, D712xL2175	D		134002, 134002	SET	6	1	1	
<input checked="" type="checkbox"/>	E 100	0140>Main Engine	PISTON COMPL, D500xL2761	D	245000	245000	SET	6	1	1	
<input checked="" type="checkbox"/>	E 100	0150>Main Engine	1ST PISTON RING, D500xT10	D	245006	245006	PC	6	1	1	
<input checked="" type="checkbox"/>	E 100	0160>Main Engine	1ST PISTON RING, D500xT10	D	245006	245006	PC	0	1	1	
<input checked="" type="checkbox"/>	E 100	0170>Main Engine	2ND PISTON RING, D500xT10	D	245007	245007	PC	6	1	1	
<input checked="" type="checkbox"/>	E 100	0180>Main Engine	2ND PISTON RING, D500xT10	D	245007	245007	PC	0	1	1	
<input checked="" type="checkbox"/>	E 100	0190>Main Engine	3RD & 4TH PISTON RING, D500xT10	D	245008	245008	PC	12	2	1	
<input checked="" type="checkbox"/>	E 100	0200>Main Engine	3RD & 4TH PISTON RING, D500xT10	D	245008	245008	PC	0	2	1	
<input checked="" type="checkbox"/>	E 100	0210>Main Engine	INNER PIPE FOR PISTON COOLING, D142.5xL2123	D	246006	246006	PC	6	1	1	
<input checked="" type="checkbox"/>	E 100	0220>Main Engine	SLEEVE FOR PISTON COOLING, D73.5xL113	D	246004	246004	PC	6	1	1	
<input checked="" type="checkbox"/>	E 100	0230>Main Engine	CROSS HEAD PIN BEARING, ID426	D	235018	235018	PC	12	2	2	
<input checked="" type="checkbox"/>	E 100	0240>Main Engine	CROSS HEAD PIN BEARING, ID426	D	235006	235006	PC	6	1	1	
<input checked="" type="checkbox"/>	E 100	0250>Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3/D70xL485	D	235009	235009, 235010	SET	24	4	3	
<input checked="" type="checkbox"/>	E 100	0260>Main Engine	CRANK PIN BEARING, OD586	D	235018	235018, 235006	SET	6	1	1	
<input checked="" type="checkbox"/>	E 100	0270>Main Engine	STUD BOLT & NUT FOR CRANK PIN BEARING, M52x3/D85xL582	D	235007	235007, 235009	SET	12	2	2	
<input checked="" type="checkbox"/>	E 100	0280>Main Engine	MAIN BEARING METAL, OD600xL209	D	114303	114303, 114304	PC	7	1	1	
<input checked="" type="checkbox"/>	E 100	0290>Main Engine	ELASTIC STUD FOR MAIN BEARING WITH NUT, M42x3/D70xL612	D	114312	114312, 114313	SET	30	4	4	
<input checked="" type="checkbox"/>	E 100	0300>Main Engine	THRUST PAD, T65	D	116009	116009	PC	12	6	4	
<input checked="" type="checkbox"/>	E 100	0310>Main Engine	STUFFING BOX COMPL D399xL275	D	133000	133000	SET	6	1	1	

1 / 3909

Fig 11.8 Parts List

12. Update Master Data (Equipment)

1. On the "Menu Screen"(Fig.12-1), select [Update Master Data].
2. "Equipments List Screen"(Fig.12-2) is displayed. In this screen, all equipments registered in master database are shown.
3. Select equipment to be modified.
4. Select [Modify] button and "Equipment Detail Dialog (Edit Mode)" (Fig.12-3) is displayed.

The screenshot shows the main menu of the ADMAX Spare Parts Inventory Control System [SBS] - Ver.7.0.0. The menu includes: Menu, Parts, Consumed, Requisition, Delivered, History, Annual Report, and Master. The 'Master' menu is selected, showing options: Department (Deck, Engine), Print, Preview, and End. Below these are several functional buttons grouped by purpose: 'When parts were consumed' (Input Consumed Parts/Qty, Data Export), 'When parts requisition sheets is made' (Make Parts Requisition Sheet, Data Export), 'When you received data from Headquarters' (Data Import, Check Assessment Result), 'When parts were delivered' (Input Delivered Parts/Qty, Data Export), and 'At end of every year' (Print Out Parts List, Check ONHND Qty, Make Annual Report, Data Export). At the bottom, a 'When it is necessary' section contains buttons for Update Parts List, Password Change, Update Master Data (highlighted with a red rectangle), Control Change, Review History, and Database Backup & Restore.

Fig 12.1 Menu

The screenshot shows the 'Equipments List' screen in the ADMAX Spare Parts Inventory Control System [SBS] - Ver.7.0.0. The 'Master' menu is selected, showing options: Detail Master Data, Modify (highlighted with a red rectangle), Append, and Delete. Below these are buttons for Print, Preview, and Menu. The main area displays a table of equipment data, with columns for Code, Name, Type, Model, and Maker. The table is scrollable, showing a list of various equipment items and their details.

Code	Name	Type	Model	Maker
E0100	Main Engine		RUEC50L5H	Kobe Diesel
E0110	IME Turbo Charger		MET66SD	Mitsubishi H.I.
E0120	IME Air Cooler			Kawasaki H.I.
E0140	IME Fuel Oil 2nd Filter			Kanagawa Kiki
E0150	IME Exhaust Valve Grinding Machine			Yamashina Seiki
E0160	IME Remote Control System			Nablesco
E0162	IME Electric Thermometer			Meiyo Elect
E0163	IME Fuel Oil Pressure Control Valve		MD-22	Yehi Co
E0170	IME Electric Governor		M800-III	Nablesco
E0180	IME Cylinder Lubricator		WMG-3545	Mitsubishi H.I.
E0185	IME Oil Mist Detector		MD-9M	Daihatsu Diesel
E0200	Generator Diesel Engine		6N21ALSV	Yanmar
E0210	G/E Turbo-Charger		RH183/203	Ishikawajima-Harima H.I.
E0215	G/E LO Priming Pump		GV-25	Manseil Industry
E0220	Main Generator			Taiyo Elect
E0300	Aux. Boiler			Tortoise Engineering
E0310	Exhaust Gas Economizer			Tortoise Engineering
E0320	Oil Burning Apparatus		R-15	Sunflame
E0400	Main Air Compressor		C220300	Yanmar
E0450	Main Air Reservoir		4M3x2.45MPa	Hemmi Iron
E0470	Ship Service Air Reservoir		2M3x0.93MPa	Hemmi Iron
E0500	FO Purifier		SJ200	Mitsubishi Kakoki
E0504	IME LO Purifier		SJ200	Mitsubishi Kakoki
E0510	G/E LO Purifier		SJ200	Mitsubishi Kakoki
E0524	IME Purifier LO Feed Pump		MQA04-1	Heishin Pump Work
E0525	G/E Purifier LO Feed Pump		MQA04-1	Heishin Pump Work
E0600	Fresh Water Generator		JW(S)P-26-C80	Alfa Laval
E0700	Accommodation Air Cond.		UAD-30	Ushio Reimetsu
E0720	Air Conditioning Plant for Galley		UAPG-WZH54DL4	Ushio Reimetsu
E0800	Provision Refrigerator		URS-3.0	Ushio Reimetsu

Fig 4.2 Equipments List

5. Modify data on “Detail Master Data (Equipments) (Edit Mode)”.

Please note that CODE cannot be corrected.

6. Select [Save] button.

The screenshot shows a dialog box titled "Detail Master Data (Equipments)". It contains several input fields: "Code" with the value "E0100", "Name" with "Main Engine", "Type" (empty), "Model" with "6UEC50LSIII", and "Maker" with "Kobe Deisel". At the bottom, there are buttons for "<< Previous", "Next >>", "Save" (highlighted with a red box), "Cancel", and "Close".

Fig 4.3 Detail Master Data (Equipments) (Edit Mode)

7. Select [Close] button to return to “Equipments List Screen”.
8. Select a next check button of equipment to be modified and do step 3 ~7.

The screenshot shows the same dialog box as Fig 4.3, but now it includes additional buttons at the bottom: "<< Previous", "Next >>", "Modify", "Append", "Delete", and "Close" (highlighted with a red box).

Fig 4.4 Detai Master Data (Equipments)

9. If you want to append new equipment data, select [Append] button on "Equipments List Screen"(Fig.12-5).

"Detail Master Data (Equipment) (Append Mode) "(Fig.12-6) is displayed.

Code	Name	Type	Model	Maker
E0100	Main Engine		6UEC50LSII	Kobe Deisel
E0110	ME Turbo Charger		MET66SD	Mitsubishi H.I.
E0120	ME Air Cooler			Kawasaki H.I.
E0140	ME Fuel Oil 2nd Filter			Kanagawa Kiki
E0150	ME Exhaust Valve Grinding Machine			Yamashina Seiki
E0160	ME Remote Control System			Nabtesco
E0162	ME Electric Thermometer			Meiyo Elect
E0163	ME Fuel Oil Pressure Control Valve		MD-22	Venn Co
E0170	ME Electric Governor		M800-4H	Nabtesco
E0180	ME Cylinder Lubricator		WMO-3545	Mitsubishi H.I.
E0185	ME Oil Mist Detector		MD-9M	Daihatsu Diesel
E0200	Generator Diesel Engine		6N21ALSV	Yanmar
E0210	G/E Turbo-Charger		RH183/203	Ishikawajima-Harima H.I.
E0215	G/E LO Priming Pump		GV-25	Mansel Industry
E0220	Main Generator			Taiyo Elect
E0300	Aux. Boiler			Tortoise Engineering
E0310	Exhaust Gas Economizer			Tortoise Engineering
E0320	Oil Burning Apparatus		R-15	Sunflame
E0400	Main Air Compressor		C220/900	Yanmar
E0450	Main Air Reservoir		4M3x2.45MPa	Hemmi Iron
E0470	Ship Service Air Reservoir		2M3x0.93MPa	Hemmi Iron
E0500	FO Purifier		SJ20G	Mitsubishi Kakoki
E0504	ME LO Purifier		SJ20G	Mitsubishi Kakoki
E0510	G/E LO Purifier		SJ20G	Mitsubishi Kakoki
E0524	ME Purifier LO Feed Pump		MQA04-1	Heishin Pump Work
E0525	G/E Purifier LO Feed Pump		MQA04-1	Heishin Pump Work
E0600	Fresh Water Generator		JWSJP-26-C80	Alfa Laval
E0700	Accommodation Air Cond.		UAD-30	Ushio Reimetsu
E0720	Air Conditioning Plant for Galley		UAPG-WZHS4DL4	Ushio Reimetsu
E0800	Provision Refrigerator		URS-3.0	Ushio Reimetsu

Fig 4.5 Equipments List

Detail Master Data (Equipments)

Code: E0100

Name: Main Engine

Type:

Model: 6UEC50LSII

Maker: Kobe Deisel

<< Previous Next >> **Save** Cancel Close

Fig 4.6 Detail Master Data (Equipments) (Append Mode)

10. Input data on "Detail Master Data (Equipments) (Append Mode)".
11. Select [Save] button.
12. Select [Close] button.

Detail Master Data (Equipments)

Code: E0100

Name: Main Engine

Type:

Model: 6UEC50LSII

Maker: Kobe Deisel

<< Previous Next >> Modify Append Delete **Close**

Fig 4.7 Detail Master Data (Equipments)

13. If you want to delete equipment data, select equipment to be deleted on "Equipments List Screen"(Fig.12-8).
14. Select [Delete] button and confirmation message is displayed.
15. Select [OK].

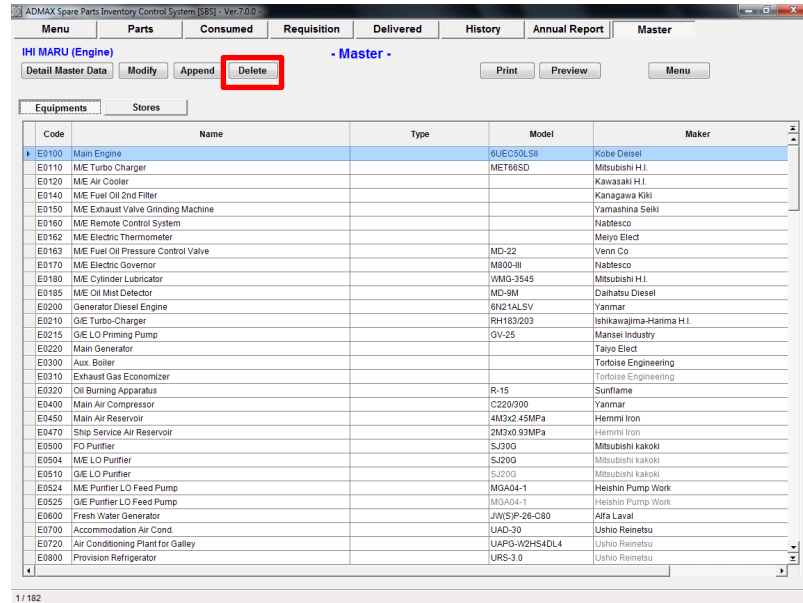


Fig 4.8 Equipments List

13. Update Master Data (Store)

1. On the “Menu Screen”(Fig.13-1), select [Update Master Data].

The screenshot shows the ADMAX Spare Parts Inventory Control System [SBS] - Ver.7.0.0 interface. The top menu bar includes Menu, Parts, Consumed, Requisition, Delivered, History, Annual Report, and Master. The Master menu is selected, displaying a list of options: Update Parts List, Password Change, Update Master Data, Control Change, Review History, and Database Backup & Restore. The Update Master Data button is highlighted. The left sidebar contains various functional buttons categorized by activity, such as 'When parts were consumed', 'When parts requisition sheets is made', 'When you received data from Headquarters', 'When parts were delivered', and 'At end of every year'.

Fig 13.1 Menu

2. “Equipments List Screen”(Fig.13-2) is displayed and select [Stores] button.

The screenshot shows the ADMAX Spare Parts Inventory Control System [SBS] - Ver.7.0.0 interface. The top menu bar includes Menu, Parts, Consumed, Requisition, Delivered, History, Annual Report, and Master. The Master menu is selected, displaying a list of options: Update Parts List, Password Change, Update Master Data, Control Change, Review History, and Database Backup & Restore. The Update Master Data button is highlighted. The left sidebar contains various functional buttons categorized by activity, such as 'When parts were consumed', 'When parts requisition sheets is made', 'When you received data from Headquarters', 'When parts were delivered', and 'At end of every year'.

Code	Name	Type	Model	Maker
E0100	Main Engine		4UEC50L SII	Kobe Diesel
E0110	IME Turbo Charger		MET66SD	Mitsubishi H.I.
E0120	IME Air Cooler			Kawasaki H.I.
E0140	IME Fuel Oil 2nd Filter			Kanagawa Kiki
E0150	IME Exhaust Valve Grinding Machine			Yamashina Seiki
E0160	IME Remote Control System			Nabtesco
E0162	IME Electric Thermometer			Meijo Elect
E0163	IME Fuel Oil Pressure Control Valve		MD-22	Vehi Co
E0170	IME Electric Governor		M800-III	Nabtesco
E0180	IME Cylinder Lubricator		WMG-3545	Mitsubishi H.I.
E0185	IME Oil Mist Detector		MD-9M	Daihatsu Diesel
E0200	Generator Diesel Engine		6N21ALSV	Yanmar
E0210	G/E Turbo-Charger		RH183/203	Ishikawajima-Harima H.I.
E0215	G/E LO Priming Pump		GV-25	Mansel Industry
E0220	Main Generator			Taiyo Elect
E0300	Aux. Boiler			Tortoise Engineering
E0310	Exhaust Gas Economizer			Tortoise Engineering
E0320	Oil Burning Apparatus		R-15	Sunflame
E0400	Main Air Compressor		C220/300	Yanmar
E0450	Main Air Reservoir		4M3x2.45MPa	Hemmi Iron
E0470	Ship Service Air Reservoir		2M3x0.93MPa	Hemmi Iron
E0500	FO Purifier		SJ20G	Mitsubishi Kakoki
E0504	IME LO Purifier		SJ20G	Mitsubishi Kakoki
E0510	G/E LO Purifier		SJ20G	Mitsubishi Kakoki
E0524	IME Purifier LO Feed Pump		MQA04-1	Heishin Pump Work
E0525	G/E Purifier LO Feed Pump		MQA04-1	Heishin Pump Work
E0600	Fresh Water Generator		JW(S)P-26-C80	Alfa Laval
E0700	Accommodation Air Cond.		UAD-30	Ushio Reimetsu
E0720	Air Conditioning Plant for Galley		UAPG-WZHS4DL4	Ushio Reimetsu
E0800	Provision Refrigerator		URS-3.0	Ushio Reimetsu

Fig 13.2 Equipments List

3. "Stores List Screen"(Fig.13-3) is displayed. In this screen, all stores registered in master database are shown.

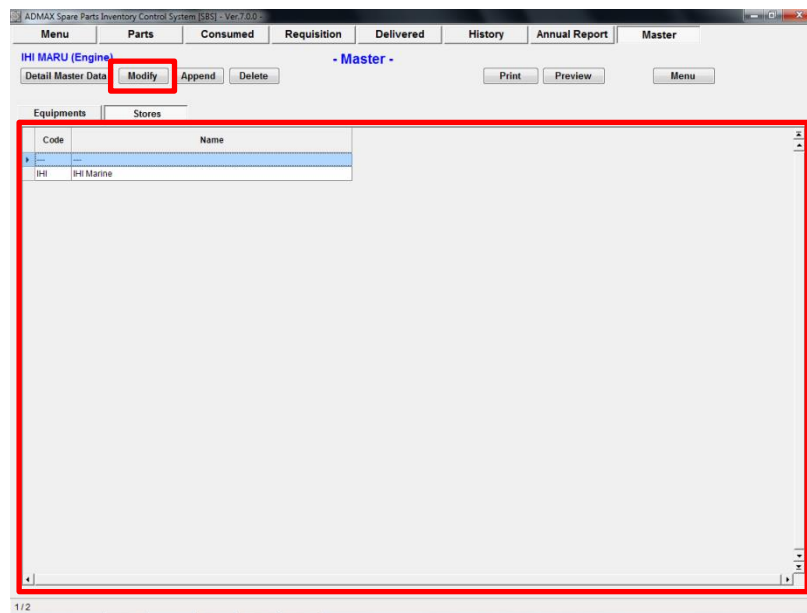


Fig 13.3 Stores List

4. Select store to be modified.
5. Select [Modify] button and "Detail Master Data (Stores) (Edit Mode)" (Fig.13-4) is displayed.
6. Modify data on "Detail Master Data (Stores) (Edit Mode)".
Please note that CODE cannot be corrected.

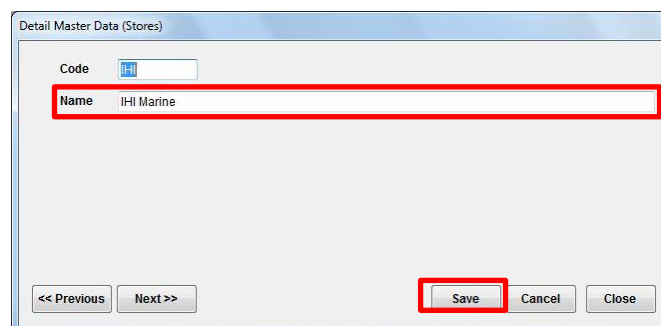


Fig 13.4 Detail Master Data (Stores) (Edit Mode)

7. Select [Save] button.
8. Select [Close] button to return to "Stores List Screen".
9. Select a next check button of store to be modified and do step 4 ~8.

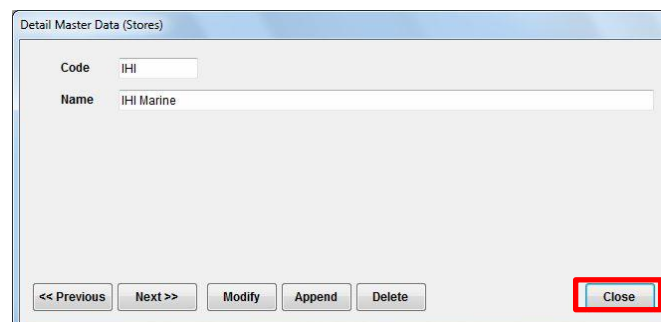


Fig 13.5 Detail Master Data1 (Stores)

10. If you want to append new store data, select [Append] button on "Stores List Screen"(Fig.13-6).

"Detail Master Data (Stores) (Append Mode) "(Fig.13-7) is displayed.

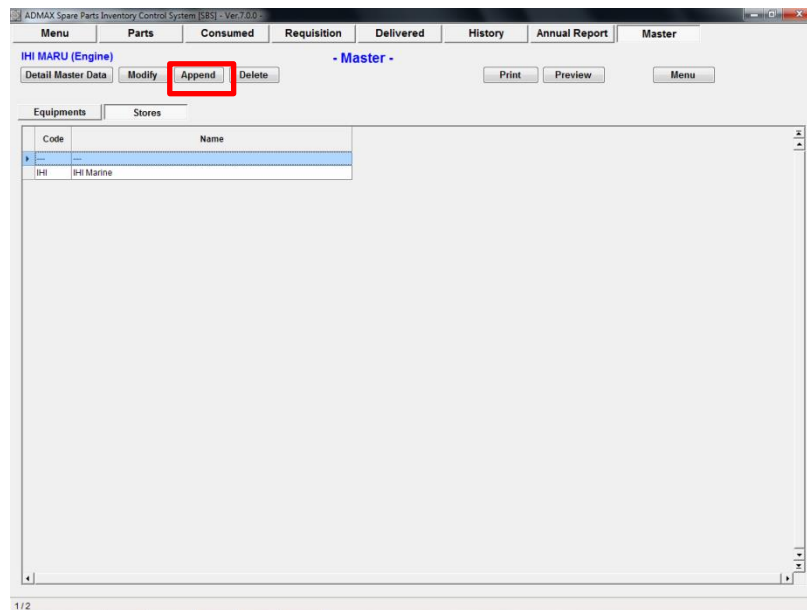


Fig 13.6 Stores List

11. Input data on "Detail Master Data (Append Mode)".

12. Select [Save] button.

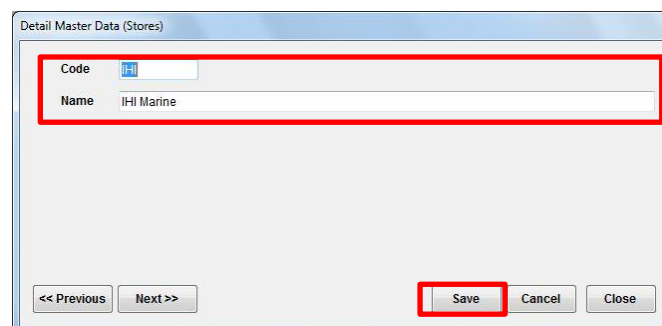


Fig 13.7 Detail Master Data (Stores) (Append Mode)

13. Select [Close] button.

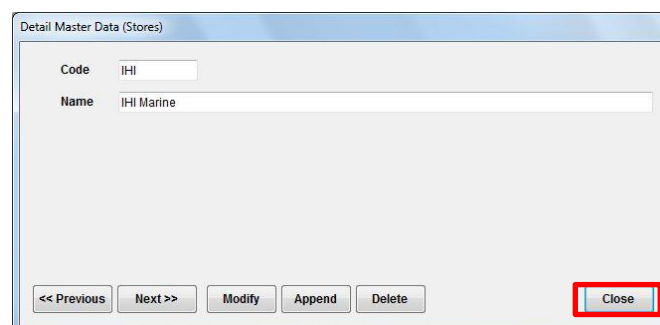


Fig 13.8 Detail Master Data (Stores)

14. If you want to delete store data, select store to be deleted on "Stores List Screen"(Fig.13-9).
15. Select [Delete] button and confirmation message is displayed.
16. Select [OK].

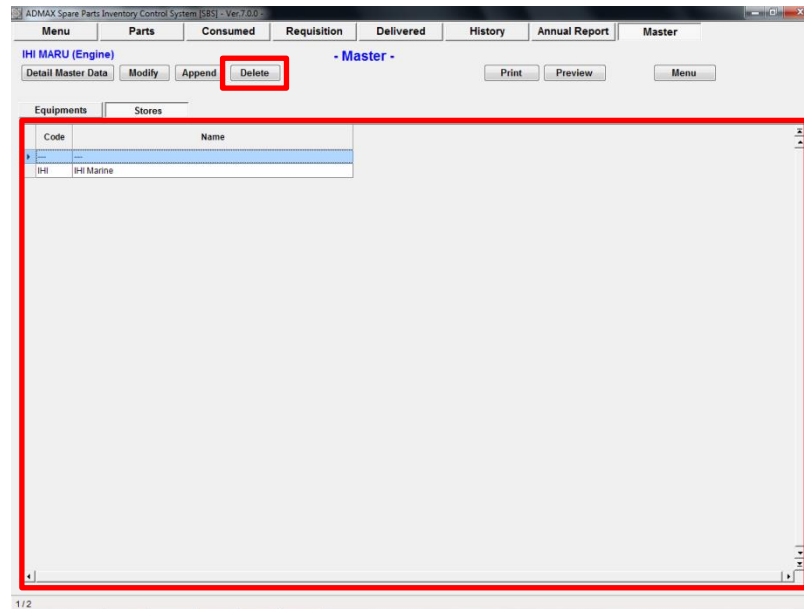


Fig 13.9 Stores List

14. Setting of User Authority and Password

"User Authority and Password" can be set for each user. Management of password only can be performed by the user who has administrator authority. Other users can't select [Password Change] button.

1. Select [Password Change] button on the "Menu Screen"(Fig.14-1).
"Password Change Dialog"(Fig.14-2) is displayed.

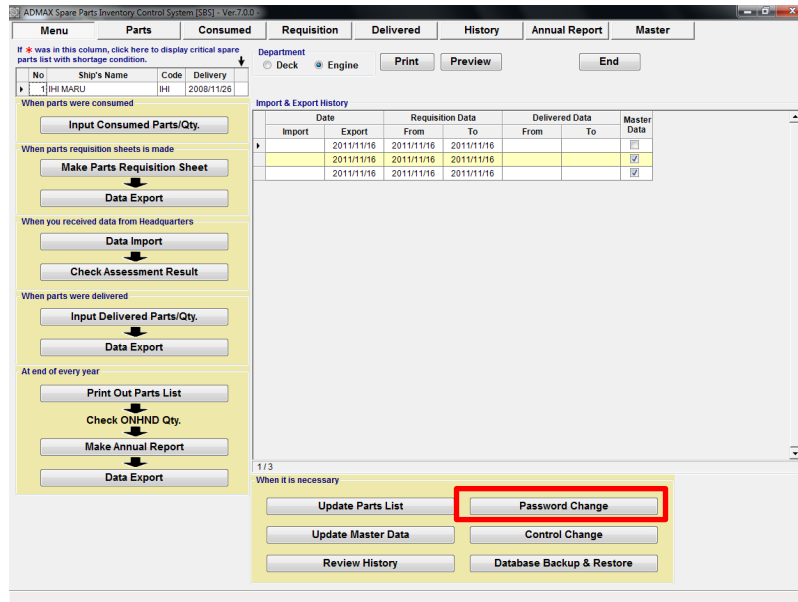


Fig 14.1 Menu

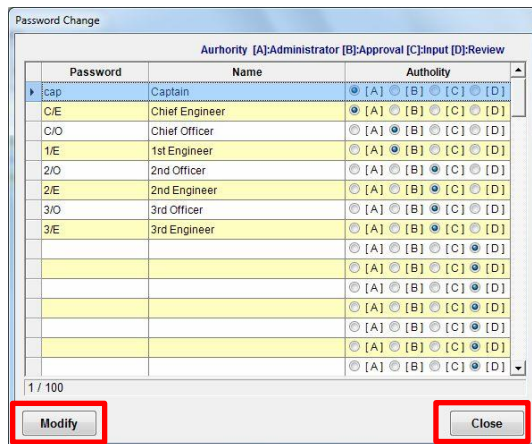


Fig 14.2 Password Change

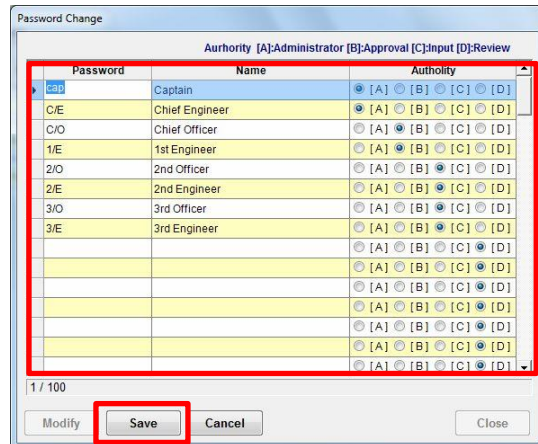


Fig 14.3 Password Change (Edit Mode)

2. Select [Modify] button.
3. Change "Password", "Name" and "Authority".
"Password" shall be less than 20 characters. And, "Name" shall be less than 40 characters. Max.100 items can be registered.
4. If you want to save data, select [Save] button. If you want to cancel data, select [Cancel] button.
5. If you want to close, select [Close] button.

15. Setting of Controls

"Various Controls" can be set by the user who has administrator or approve authority.

Other users can't select [Control Change] button.

1. Select [Control Change] button on the "Menu Screen"(Fig.15-1).

"Controls Dialog"(Fig.15-2) is displayed.

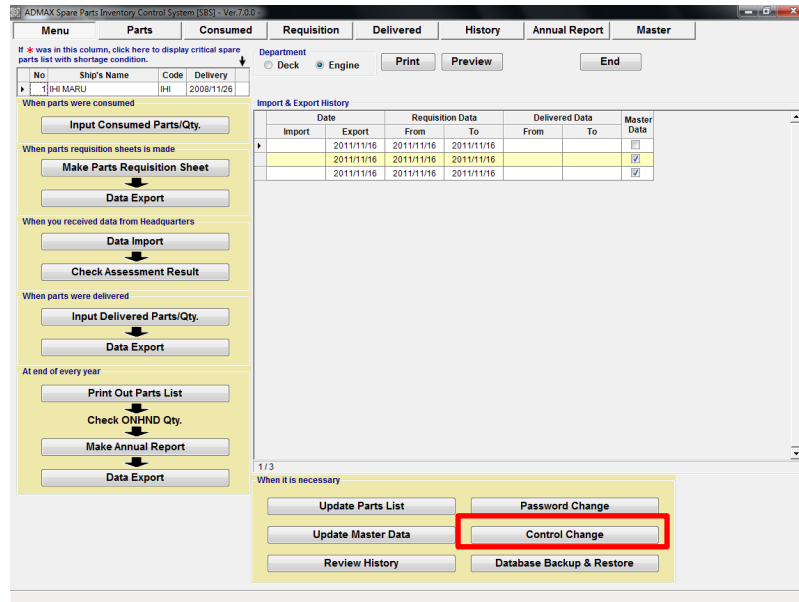


Fig 15.1 Menu

2. Select various setting for the following controls.

- Guidance View
- Date Format
- Sort Type
- Bar Code Print
- Category Title

3. If you want to close, select [OK] button.

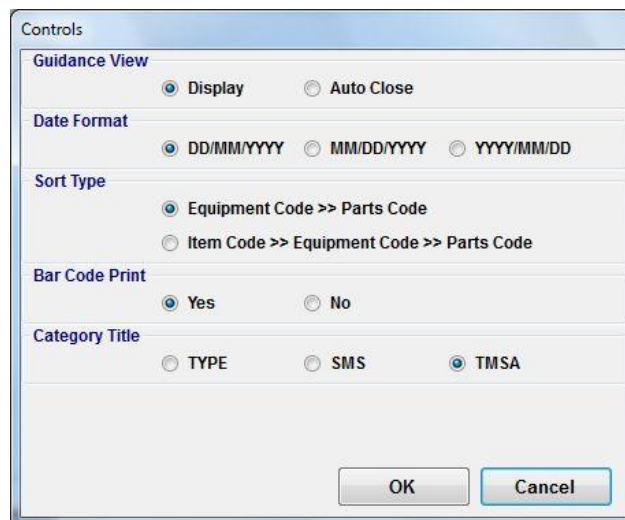


Fig 15.2 Controls

16. Database Backup / Restore

CMAXS database may not be used because of PC or server hardware trouble etc.

Please take backup of database regularly in case of those troubles.

Please save back up files to external media (MO, CD, DVD).

16.1 Database Backup

1. Select [Database Backup & Restore] button on the "Menu Screen"(Fig.16-1).
"Backup & Restore Dialog" (Fig.16-2) is displayed.

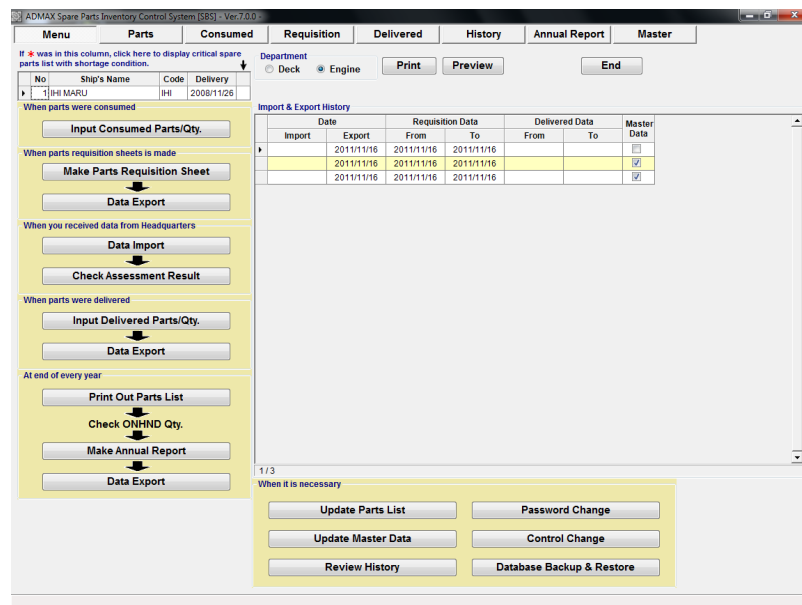


Fig 16.1 Menu

2. [Database Backup] tab is selected. Then, select [Browse] button.

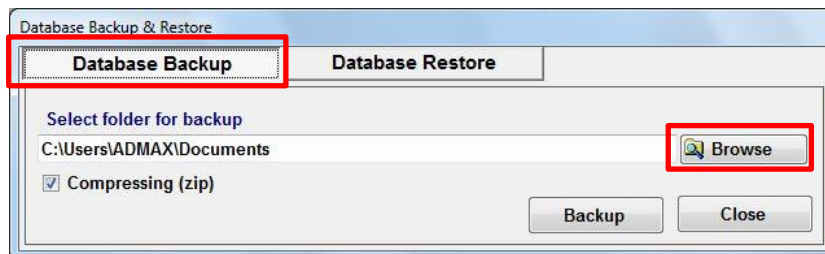


Fig 15.1.1 Database Backup & Restore

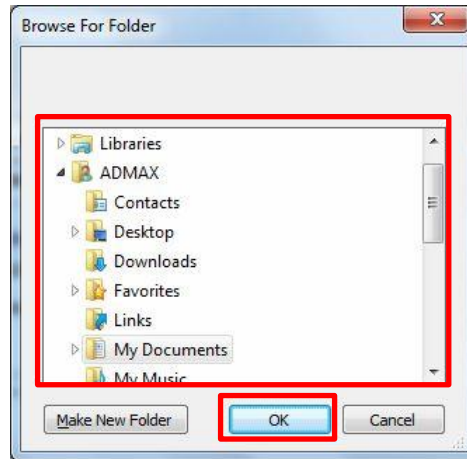


Fig 15.1.2 Browse For Folder

3. "Folder Selection Dialog" is displayed. Select proper folder to save backup data. Then, select [OK] button.
4. Put check mark on "Compressing (zip)" if you want to compress back up data. Uncheck if you do not want to compress.
5. Select [Backup] button.
6. After making backup, completion message is displayed.
Then, select [OK].
7. Select [Close].

16.2 Database Restore

1. If you have to repair CMAXS PC or SPICS program,
please complete those works in advance.
2. Select [Database Backup & Restore] button on the "Menu Screen"(Fig.16-3).
"Backup & Restore Dialog"(Fig.16-4) is displayed.

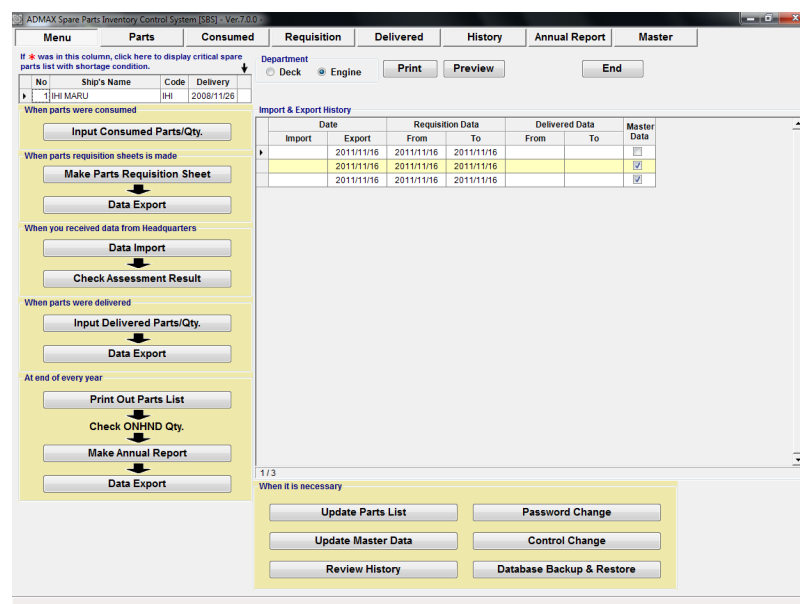


Fig 16.3 Menu

3. Select [Database Restore] tab.
- 4.-1 In case the backup data is compressed by zip format
 - (1) Put check mark on "Compressing (zip)". Then, click [Browse].
 - (2) "Open" dialog is displayed. Select back up data (zip file).
 Then, click [Open].
- 4.-2 In case the backup data is not compressed (just back up folder)
 - (1) Uncheck "Compressing (zip)". Then, click [Browse].
 - (2) Select back up folder. Then, click [OK].

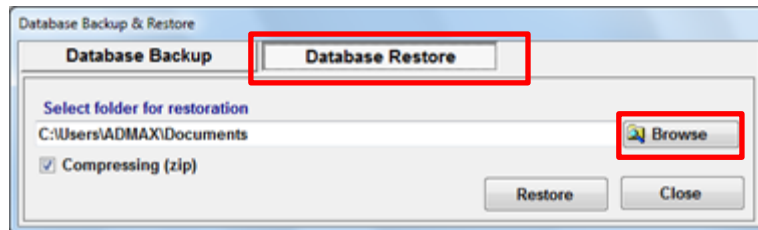


Fig 16.4 Database Backup & Restore

5. Select [Restore] button.
6. After making restore, completion message is displayed.
Then, select [OK].
7. SPICS restarts.

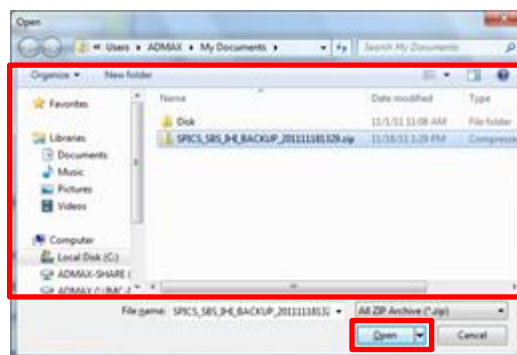


Fig 16.5 Open

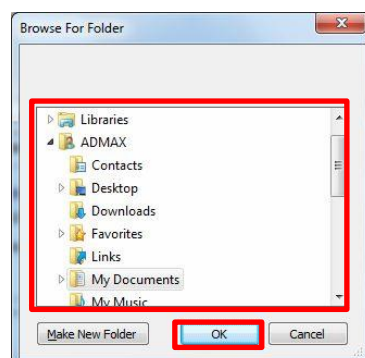


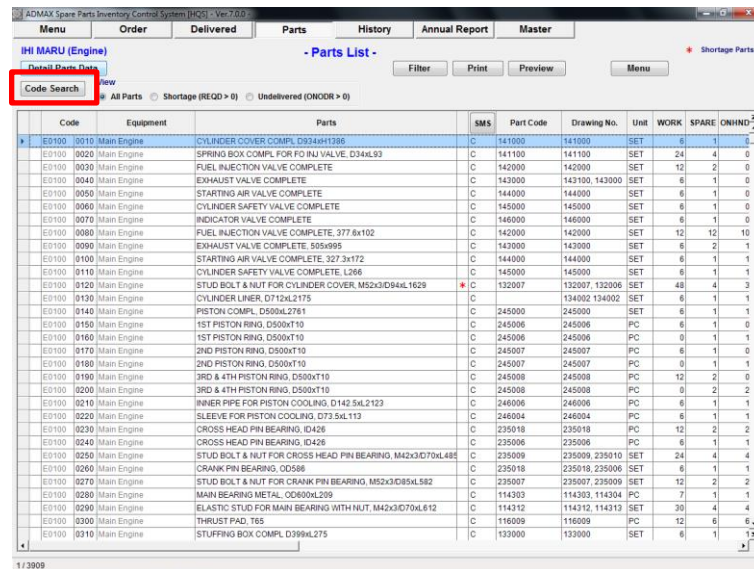
Fig 16.6 Browse for Folder

17. Common Utility Functions

17.1 Code Search Function

On the "Parts List Screen", "Consumed Parts List Screen", "Parts Requisition Screen", "Delivered Parts List Screen", "History Screen" and "Annual Report Screen", "Code Search" function can be used for searching objective spare parts easily.

1. Select [Code Search] button on the "Parts List Screen" (Fig.17-1).



Code	Equipment	Parts	SMS	Part Code	Drawing No.	Unit	WORK	SPARE	ONHAND
E0100	0010 Main Engine	CYLINDER COVER COMPL D934H1386	C	141000	141000	SET	6	1	0
E0100	0020 Main Engine	SPRING BOX COMPL FOR FO INJ VALVE, D34xL93	C	141100	141100	SET	24	4	0
E0100	0030 Main Engine	FUEL INJECTION VALVE COMPLETE	C	142000	142000	SET	12	2	0
E0100	0040 Main Engine	EXHAUST VALVE COMPLETE	C	143000	143100, 143000	SET	6	1	0
E0100	0050 Main Engine	STARTING AIR VALVE COMPLETE	C	144000	144000	SET	6	1	0
E0100	0060 Main Engine	CYLINDER SAFETY VALVE COMPLETE	C	145000	145000	SET	6	1	0
E0100	0070 Main Engine	INDICATOR VALVE COMPLETE	C	146000	146000	SET	6	1	0
E0100	0080 Main Engine	FUEL INJECTION VALVE COMPLETE, 377.6x102	C	142000	142000	SET	12	12	10
E0100	0090 Main Engine	EXHAUST VALVE COMPLETE, 505x995	C	143000	143000	SET	6	2	1
E0100	0100 Main Engine	STARTING AIR VALVE COMPLETE, 327.3x172	C	144000	144000	SET	6	1	1
E0100	0110 Main Engine	CYLINDER SAFETY VALVE COMPLETE, L266	C	145000	145000	SET	6	1	1
E0100	0120 Main Engine	STUD BOLT & NUT FOR CYLINDER COVER, M52x3/D94xL1629	C	132007	132007, 132006	SET	48	4	3
E0100	0130 Main Engine	CYLINDER LINER, D712xL2175	C	134002	134002	SET	6	1	1
E0100	0140 Main Engine	PISTON COMPL, D500xL2761	C	245000	245000	SET	6	1	1
E0100	0150 Main Engine	1ST PISTON RING, D500xT10	C	245006	245006	PC	6	1	0
E0100	0160 Main Engine	1ST PISTON RING, D500xT10	C	245006	245006	PC	6	1	1
E0100	0170 Main Engine	2ND PISTON RING, D500xT10	C	245007	245007	PC	6	1	0
E0100	0180 Main Engine	2ND PISTON RING, D500xT10	C	245007	245007	PC	6	1	1
E0100	0190 Main Engine	3RD & 4TH PISTON RING, D500xT10	C	245008	245008	PC	12	2	0
E0100	0200 Main Engine	3RD & 4TH PISTON RING, D500xT10	C	245008	245008	PC	6	2	2
E0100	0210 Main Engine	WATER PUMP FOR PISTON COOLING, D145.5xL2123	C	246006	246006	PC	6	1	1
E0100	0220 Main Engine	SLEEVE FOR PISTON COOLING, D73.5xL113	C	246004	246004	PC	6	1	1
E0100	0230 Main Engine	CROSS HEAD PIN BEARING, ID426	C	235018	235018	PC	12	2	2
E0100	0240 Main Engine	CROSS HEAD PIN BEARING, ID426	C	235006	235006	PC	6	1	1
E0100	0250 Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3/D70xL485	C	235009	235009, 235010	SET	24	4	4
E0100	0260 Main Engine	CRANK PIN BEARING, OD589	C	235015	235015, 235006	SET	6	1	1
E0100	0270 Main Engine	STUD BOLT & NUT FOR CRANK PIN BEARING, M52x3/D85xL582	C	235007	235007, 235009	SET	12	2	2
E0100	0280 Main Engine	MAIN BEARING METAL, OD600xL209	C	114303	114303, 114304	PC	7	1	1
E0100	0290 Main Engine	ELASTIC STUD FOR MAIN BEARING WITH NUT, M42x3/D70xL612	C	114312	114312, 114313	SET	30	4	4
E0100	0300 Main Engine	THRUST PAD, T65	C	116009	116009	PC	12	6	6
E0100	0310 Main Engine	STUFFING BOX COMPL D396xL275	C	133000	133000	SET	6	1	1

Fig 17.1 Parts List

2. Click [+]mark of equipment and select target spare parts data (Fig. 17-2). Then, select [OK].
3. Selected spare parts is displayed.

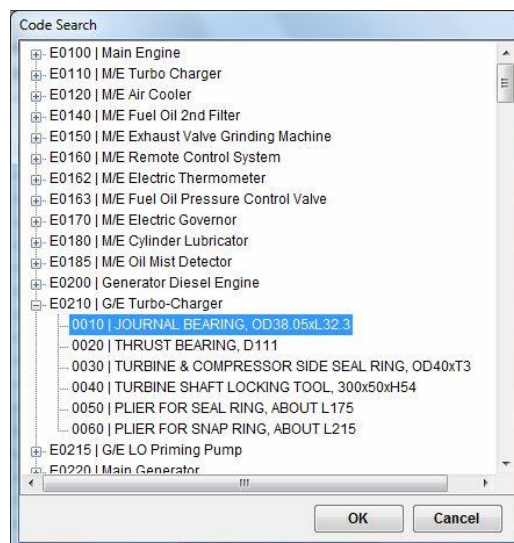


Fig 17.2 Code Search

17.2 Filter Function

On the "Parts List Screen", "Consumed Parts List Screen", "Parts Requisition Screen", "Delivered Parts List Screen", "History Screen" and "Annual Report Screen", "Filter" function can be used for extracting by setting of extraction conditions.

1. Select [Filter] button on the "Parts List Screen"(Fig.17-3).
2. Select or input extracting conditions.

Then, select [OK].

Multiple extracting conditions can be set at the same time.

3. Extracted data are displayed.

Code	Equipment	Parts	SMS	Part Code	Drawing No.	Unit	WORK	SPARE	ONHND
ED100	0010 Main Engine	CYLINDER COVER COMPL D344H1386	C	141000	141000	SET	6	1	1
ED100	0020 Main Engine	SPRING BOX COMPL FOR FO INJ VALVE, D34XL93	C	141100	141100	SET	24	4	0
ED100	0030 Main Engine	FUEL INJECTION VALVE COMPLETE	C	142000	142000	SET	12	2	0
ED100	0040 Main Engine	EXHAUST VALVE COMPLETE	C	143000	143100, 143000	SET	6	1	0
ED100	0050 Main Engine	STARTING AIR VALVE COMPLETE	C	144000	144000	SET	6	1	0
ED100	0060 Main Engine	CYLINDER SAFETY VALVE COMPLETE	C	145000	145000	SET	6	1	0
ED100	0070 Main Engine	INDICATOR VALVE COMPLETE	C	146000	146000	SET	6	1	0
ED100	0080 Main Engine	FUEL INJECTION VALVE COMPLETE, 377.6x102	C	142000	142000	SET	12	12	10
ED100	0090 Main Engine	EXHAUST VALVE COMPLETE, 595x995	C	143000	143000	SET	6	2	1
ED100	0100 Main Engine	STARTING AIR VALVE COMPLETE, 327.3x172	C	144000	144000	SET	6	1	1
ED100	0110 Main Engine	CYLINDER SAFETY VALVE COMPLETE, L266	C	145000	145000	SET	6	1	1
ED100	0120 Main Engine	STUD BOLT & NUT FOR CYLINDER COVER, M52x3D94L1629	C	132007	132007, 132006	SET	48	4	3
ED100	0130 Main Engine	CYLINDER LINER, D712xL2175	C		134002, 134002	SET	6	1	1
ED100	0140 Main Engine	PISTON COMPL, D500xL2761	C	245000	245000	SET	6	1	1
ED100	0150 Main Engine	1ST PISTON RING, D500xT10	C	245006	245006	PC	6	1	0
ED100	0160 Main Engine	1ST PISTON RING, D500xT10	C	245006	245006	PC	6	1	1
ED100	0170 Main Engine	2ND PISTON RING, D500xT10	C	245007	245007	PC	6	1	0
ED100	0180 Main Engine	2ND PISTON RING, D500xT10	C	245007	245007	PC	6	1	1
ED100	0190 Main Engine	3RD & 4TH PISTON RING, D500xT10	C	245008	245008	PC	12	2	0
ED100	0200 Main Engine	3RD & 4TH PISTON RING, D500xT10	C	245008	245008	PC	6	2	2
ED100	0210 Main Engine	INNER PIPE FOR PISTON COOLING, D142.5xL2123	C	246006	246006	PC	6	1	1
ED100	0220 Main Engine	SLEEVE FOR PISTON COOLING, D73.5xL113	C	246004	246004	PC	6	1	1
ED100	0230 Main Engine	CROSS HEAD PIN BEARING, ID426	C	235018	235018	PC	12	2	2
ED100	0240 Main Engine	CROSS HEAD PIN BEARING, ID426	C	235006	235006	PC	6	1	1
ED100	0250 Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3D70xL486	C	235009	235009, 235010	SET	24	4	4
ED100	0260 Main Engine	CRANK PIN BEARING, OD588	C	235018	235018, 235006	SET	6	1	1
ED100	0270 Main Engine	STUD BOLT & NUT FOR CRANK PIN BEARING, M52x3D85xL582	C	235007	235007, 235009	SET	12	2	2
ED100	0280 Main Engine	MAIN BEARING METAL, OD600xL209	C	114303	114303, 114304	PC	7	1	1
ED100	0290 Main Engine	ELASTIC STUD FOR MAIN BEARING WITH NUT, M42x3D70xL612	C	114312	114312, 114313	SET	30	4	4
ED100	0300 Main Engine	THRUST PAD, T65	C	116009	116009	PC	12	6	6
ED100	0310 Main Engine	STUFFING BOX COMPL D399xL275	C	133000	133000	SET	6	1	1

Fig 17.3 Parts List

Filter

Set filter condition and click [OK] button.

☒ Code

☐ Equipment

☐ Maker

☐ Cost

☐ Parts

☐ Part Code

☐ Drawing No.

☐ TYPE

☐ Item Code

☐ Unit

☐ Spare

☐ Work

☐ ONHND

☐ ONOOR

☐ REQD

☐ Store

☐ Unit Price

☐ Remarks

Reset OK Cancel

Fig.17-4 Filter

<Extracting conditions>

- (1) Code : Equipment code and/or spare parts code
 - (2) Equipment : Equipment name
 - (3) Maker : Equipment's maker name
 - (4) Cost : Cost code for budget control
 - (5) Parts : Spare parts name
 - (6) Part Code : Maker's spare parts' code
 - (7) Drawing No : Drawing Number
 - (8) SMS : Spare parts type
 - (9) Item Code : Spare parts drawing + page + item number
 - (10) Unit : Unit for spare parts
 - (11) Spare : Standard spare parts stock quantity
 - (12) Working : Spare parts working quantity
 - (13) Spare R.O.B : Current spare parts stock quantity
 - (14) On Order : Unreceived spare parts quantity
 - (15) Required : Required = Standard – (Spare R.O.B + On Order)
 - (16) Store : Store location code and/or store name
 - (17) Unit Price : Spare parts unit price
 - (18) Remarks : Remarks
- (This title can be changed. Refer to Section 15)

17.3 Spare Parts Type Review & Modify

On the “Parts List Screen”, “Consumed Parts List Screen”, “Parts Requisition Screen”, “Delivered Parts List Screen”, “History Screen” and “Annual Report Screen”, spare parts type (SMS) can be reviewed & modified.

1. Select [SMS] button on the “Parts List Screen” (Fig.17-5).

Code	Equipment	Parts	SMS	Part Code	Drawing No.	Unit	WORK	SPARE	ONHAND
ED100 0010	Main Engine	CYLINDER COVER COMPL D344H1386		141000	141000	SET	6	1	1
ED100 0020	Main Engine	SPRING BOX COMPL FOR FOU INJ VALVE, D34XL93		141100	141100	SET	24	4	0
ED100 0030	Main Engine	FUEL INJECTION VALVE COMPLETE		142000	142000	SET	12	2	0
ED100 0040	Main Engine	EXHAUST VALVE COMPLETE		143000	143100, 143000	SET	6	1	0
ED100 0050	Main Engine	STARTING AIR VALVE COMPLETE		144000	144000	SET	6	1	0
ED100 0060	Main Engine	CYLINDER SAFETY VALVE COMPLETE		145000	145000	SET	6	1	0
ED100 0070	Main Engine	INDICATOR VALVE COMPLETE		146000	146000	SET	6	1	0
ED100 0080	Main Engine	FUEL INJECTION VALVE COMPLETE, 377.6x102		142000	142000	SET	12	12	10
ED100 0090	Main Engine	EXHAUST VALVE COMPLETE, 505x995		143000	143000	SET	6	2	1
ED100 0100	Main Engine	STARTING AIR VALVE COMPLETE, 327.3x172		144000	144000	SET	6	1	1
ED100 0110	Main Engine	CYLINDER SAFETY VALVE COMPLETE, 1266		145000	145000	SET	6	1	1
ED100 0120	Main Engine	STUD BOLT & NUT FOR CYLINDER COVER, M52x3D94xL1629		132007	132007, 132006	SET	48	4	3
ED100 0130	Main Engine	CYLINDER LINER, D712xL2175		134002	134002	SET	6	1	1
ED100 0140	Main Engine	PISTON COMPL, D500xL2761		245000	245000	SET	6	1	1
ED100 0150	Main Engine	1ST PISTON RING, D500xT10		245006	245006	IPC	6	1	0
ED100 0160	Main Engine	1ST PISTON RING, D500xT10		245006	245006	IPC	6	1	1
ED100 0170	Main Engine	2ND PISTON RING, D500xT10		245007	245007	IPC	6	1	0
ED100 0180	Main Engine	2ND PISTON RING, D500xT10		245007	245007	IPC	6	1	1
ED100 0190	Main Engine	3RD & 4TH PISTON RING, D500xT10		245008	245008	IPC	12	2	0
ED100 0200	Main Engine	3RD & 4TH PISTON RING, D500xT10		245008	245008	IPC	6	2	2
ED100 0210	Main Engine	INNER PIPE FOR PISTON COOLING, D142.5xL2123		246006	246006	IPC	6	1	1
ED100 0220	Main Engine	SLEEVE FOR PISTON COOLING, D73.5xL113		246004	246004	IPC	6	1	1
ED100 0230	Main Engine	CROSS HEAD PIN BEARING, ID426		235018	235018	IPC	12	2	2
ED100 0240	Main Engine	CROSS HEAD PIN BEARING, ID426		235006	235006	IPC	6	1	1
ED100 0250	Main Engine	STUD BOLT & NUT FOR CROSS HEAD PIN BEARING, M42x3D70xL486		235009	235009, 235010	SET	24	4	4
ED100 0260	Main Engine	CRANK PIN BEARING, OD588		235018	235018, 235006	SET	6	1	1
ED100 0270	Main Engine	STUD BOLT & NUT FOR CRANK PIN BEARING, M52x3D89xL582		235007	235007, 235009	SET	12	2	2
ED100 0280	Main Engine	MAIN BEARING METAL, OD600xL209		114303	114303, 114304	IPC	7	1	1
ED100 0290	Main Engine	ELASTIC STUD FOR MAIN BEARING WITH NUT, M42x3D70xL612		114312	114312, 114313	SET	30	4	4
ED100 0300	Main Engine	THRUST PAD, T65		116009	116009	IPC	12	6	6
ED100 0310	Main Engine	STUFFING BOX COMPL D396xL275		133000	133000	SET	6	1	1

Fig 17.5 Parts List

2. “SMS Dialog”(Fig.17-6) is displayed.
3. If you want to modify type, select [Modify] button.
4. Modify Type name on “SMS Dialog (Edit Mode)”.
5. Select [Save] button.
6. Select [Close] button.

Code	Category
A	Critical
B	Parts
C	Common Parts
D	Tool
E	Accessory
F	
G	
H	
I	
J	

Fig 16.3.2 SMS

Code	Category
A	Critical
B	Parts
C	Common Parts
D	Tool
E	Accessory
F	
G	
H	
I	
J	

Fig 16.3.3 SMS(Edit Mode)

Appendix A. Sample Screen

A.1 Parts Requisition (Assess)

IHI MARU (Engine)

Date: 12/14/2011

ABC Company

Parts Requisition (Assess)

Code No.: 724 Requisition No.: test

Remarks:

☐ Urgent ☒ Routine ☐ Dock Use

Delivered Date: 12/14/2011 - 12/14/2011

Delivered Port: test

Made on: 12/14/2011 by: Captain

Assessed on: 12/14/2011 by: Manager

* : shows there comments of Shipboard and/or Headquarters

Code	Equipment Parts	Part Code Drawing No.	SMS Unit	WORK SPARE	ONHND ONODR	ASSESS	Item Code	Cost Code	Remarks
E0100	Main Engine	142000	C	12	9	1	MACH-1, PA4, Item1		SAME PART AS E0100 0030
0080	FUEL INJECTION VALVE COMPLETE, 377.6x102	142000	SET	12	2	1			
E0100	Main Engine	143000	C	6	0	1	MACH-1, PA4, Item2		SAME PART AS E0100 0040
0090	EXHAUST VALVE COMPLETE, 505x995	143000	SET	2	1	1			
E0100	Main Engine	144000	C	6	0	1	MACH-1, PA4, Item3		SAME PART AS E0100 0050
0100	STARTING AIR VALVE COMPLETE, 327.3x172	144000	SET	1	0	1			

A.2 Parts Requisition (Quotation)

IHI MARU (Engine)

Date: 12/14/2011

ABC Company

Parts Requisition (Quotation)

Code No.: 724 Requisition No.: test

Remarks:

☐ Urgent ☒ Routine ☐ Dock Use

Delivered Date: 12/14/2011 - 12/14/2011

Delivered Port: test

Made on: 12/14/2011 by: Captain

Assessed on: 12/14/2011 by: Manager

* : shows there comments of Shipboard and/or Headquarters

Code	Equipment Parts	ASSESS Unit	SNK	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E0100	Main Engine	1	✓	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0080	FUEL INJECTION VALVE COMPLETE, 377.6x102	SET		30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E0100	Main Engine	1	✓	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0090	EXHAUST VALVE COMPLETE, 505x995	SET		30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E0100	Main Engine	1	✓	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0100	STARTING AIR VALVE COMPLETE, 327.3x172	SET		30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

A.3 Parts Requisition (Order)

IHI MARU (Engine)

Date: 12/14/2011

ABC Company

Parts Requisition (Order)

Code No.: 724 Requisition No.: test

Remarks:

☐ Urgent ☒ Routine ☐ Dock Use

Delivered Date: 12/14/2011 - 12/14/2011

Delivered Port: test

Made on: 12/14/2011 by: Captain

Assessed on: 12/14/2011 by: Manager

* : shows there comments of Shipboard and/or Headquarters

Code	Equipment Parts	ASSESS Unit	SNK	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E0100	Main Engine	1	✓	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0080	FUEL INJECTION VALVE COMPLETE, 377.6x102	SET		30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E0100	Main Engine	1	✓	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0090	EXHAUST VALVE COMPLETE, 505x995	SET		30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E0100	Main Engine	1	✓	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0100	STARTING AIR VALVE COMPLETE, 327.3x172	SET		30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

A.4 Delivered Part List

IHI MARU (Engine)

Date: 12/15/2011

ABC Company

Delivered Parts List

Requisition No.: test

Delivered Date: 12/15/2011

Delivered Port: test

Made on: 12/15/2011 by: Captain

* : shows there comments of Shipboard and/or Headquarters

Code	Equipment Parts	Part Code Drawing No.	SMS Unit	WORK SPARE	ONHND ONODR	ASSESS DELIV	Item Code	Cost Code	Remarks
E0100	Main Engine	142000	C	12	10	1	MACH-1, PA4, Item1		SAME PART AS E0100 0030
0080	FUEL INJECTION VALVE COMPLETE, 377.6x102	142000	SET	12	0	1			
E0100	Main Engine	143000	C	6	1	1	MACH-1, PA4, Item2		SAME PART AS E0100 0040
0090	EXHAUST VALVE COMPLETE, 505x995	143000	SET	2	0	1			
E0100	Main Engine	144000	C	6	1	1	MACH-1, PA4, Item3		SAME PART AS E0100 0050
0100	STARTING AIR VALVE COMPLETE, 327.3x172	144000	SET	1	0	1			

A.5 History (Consumed Parts)

IHI MARU (Engine)

Date: 12/15/2011
ABC Company

History (Consumed Parts)

Period: 12/15/2010 - 12/15/2011

Code	Equipment	Part Code	SMS	WORK	Date	CSMD	Code	Item Code	Cost Code
	Parts	Drawing No.	Unit	SPARE	Maintenance Item				
E0100	Main Engine	142000	C	12	12/14/2011	1	-----	MACH-1, PA4, Item1	
0080	FUEL INJECTION VALVE COMPLETE, 377.6x102	142000	SET	12					
E0100	Main Engine	143000	C	6	12/14/2011	1	-----	MACH-1, PA4, Item2	
0090	EXHAUST VALVE COMPLETE, 505x995	143000	SET	2					
E0100	Main Engine	144000	C	6	12/14/2011	1	-----	MACH-1, PA4, Item3	
0100	STARTING AIR VALVE COMPLETE, 327.3x172	144000	SET	1					

A.6 History (Order Parts)

IHI MARU (Engine)

Date: 12/15/2011
ABC Company

History (Order Parts)

Period: 12/15/2010 - 12/15/2011

Grand Total (US\$):

Code	Equipment	Part Code	SMS	WORK	Date	ORDR	Supp.	Unit Price	Item Code	Cost Code
	Parts	Drawing No.	Unit	SPARE	Requisition No.			Grand Total		
E0100	Main Engine	142000	C	12	12/15/2011	0		0.00	MACH-1, PA4, Item1	
0080	FUEL INJECTION VALVE COMPLETE, 377.6x102	142000	SET	12	test			0.00		
E0100	Main Engine	143000	C	6	12/14/2011	0		0.00	MACH-1, PA4, Item2	
0090	EXHAUST VALVE COMPLETE, 505x995	143000	SET	2	test			0.00		
E0100	Main Engine	144000	C	6	12/14/2011	0		0.00	MACH-1, PA4, Item3	
0100	STARTING AIR VALVE COMPLETE, 327.3x172	144000	SET	1	test			0.00		

A.7 History (Delivered Parts)

IHI MARU (Engine)

Date: 12/15/2011
ABC Company

History (Delivered Parts)

Period: 12/15/2010 - 12/15/2011

Grand Total (US\$):

Code	Equipment	Part Code	SMS	WORK	Date	DELIV	Unit Price	Item Code	Cost Code
	Parts	Drawing No.	Unit	SPARE	Delivered Port				
E0100	Main Engine	142000	C	12	12/15/2011	1	0.00	MACH-1, PA4, Item1	
0080	FUEL INJECTION VALVE COMPLETE, 377.6x102	142000	SET	12	test		0.00		
E0100	Main Engine	143000	C	6	12/15/2011	1	0.00	MACH-1, PA4, Item2	
0090	EXHAUST VALVE COMPLETE, 505x995	143000	SET	2	test		0.00		
E0100	Main Engine	144000	C	6	12/15/2011	1	0.00	MACH-1, PA4, Item3	
0100	STARTING AIR VALVE COMPLETE, 327.3x172	144000	SET	1	test		0.00		

A.8 Annual Report

IHI MARU (Engine)

Date: 12/14/2011
ABC Company

Annual Report

Period: 04/01/2010 - 12/14/2011

Made on: 12/14/2011 by: Captain

Grand Total (US\$):

0.00

Code	Equipment	Part Code	SMS	WORK	ONHND		Total			Item Code	Cost Code	Unit Price
	Parts	Drawing No.	Unit	SPARE	Last	Curr.	CSMD	ORDR	DELIV			Total Price
E0100	Main Engine	141000	C	6	0	0	0	0	0	MACH-1, PA3, Item1		0.00
0010	CYLINDER COVER COMPL D934xH1386	141000	SET	1								0.00
E0100	Main Engine	141100	C	24	0	0	0	0	0	MACH-1, PA3, Item1A		0.00
0020	SPRING BOX COMPL FOR FO INJ VALVE, D34xL93	141100	SET	4								0.00
E0100	Main Engine	142000	C	12	0	0	0	0	0	MACH-1, PA3, Item1B		0.00
0030	FUEL INJECTION VALVE COMPLETE	142000	SET	2								0.00
E0100	Main Engine	143000	C	6	0	0	0	0	0	MACH-1, PA3, Item1C		0.00
0040	EXHAUST VALVE COMPLETE	143100, 143000	SET	1	0	0	0	0	0			0.00
E0100	Main Engine	144000	C	6	0	0	0	0	0	MACH-1, PA3, Item1D		0.00
0050	STARTING AIR VALVE COMPLETE	144000	SET	1								0.00
E0100	Main Engine	145000	C	6	0	0	0	0	0	MACH-1, PA3, Item1E		0.00
0060	CYLINDER SAFETY VALVE COMPLETE	145000	SET	1								0.00
E0100	Main Engine	146000	C	6	0	0	0	0	0	MACH-1, PA3, Item1F		0.00
0070	INDICATOR VALVE COMPLETE	146000	SET	1								0.00
E0100	Main Engine	142000	C	12	0	0	0	0	0	MACH-1, PA4, Item1		0.00
0080	FUEL INJECTION VALVE COMPLETE, 377.6x102	142000	SET	12								0.00
E0100	Main Engine	143000	C	6	0	0	0	0	0	MACH-1, PA4, Item2		0.00
0090	EXHAUST VALVE COMPLETE, 505x995	143000	SET	2								0.00
E0100	Main Engine	144000	C	6	0	0	0	0	0	MACH-1, PA4, Item3		0.00
0100	STARTING AIR VALVE COMPLETE, 327.3x172	144000	SET	1								0.00
E0100	Main Engine	145000	C	6	0	0	0	0	0	MACH-1, PA4, Item4		0.00
0110	CYLINDER SAFETY VALVE COMPLETE, L266	145000	SET	1								0.00
E0100	Main Engine	132007	C	48						MACH-1, PA4, Item5		0.00
0120	STUD BOLT & NUT FOR CYLINDER COVER, M52x3D94xL1629	132007, 132006	SET	4	0	0	0	0	0			0.00
E0100	Main Engine		C	6	0	0	0	0	0	MACH-1, PA5, Item1		0.00
0130	CYLINDER LINER, D712xL2175	134002 134002	SET	1								0.00
E0100	Main Engine	245000	C	6	0	0	0	0	0	MACH-1, PA5, Item2		0.00
0140	PISTON COMPL, D500xL2761	245000	SET	1								0.00

A.9 Parts List (All Parts)

IHI MARU (Engine)

Date: 12/15/2011

Parts List (All Parts)

ABC Company

Code	Equipment Parts	Part Code Drawing No.	SMS			REGD	Item Code	Cost Code	Price Store	Remarks
			Unit	WORK SPARE	ONHND ONORD					
E0100	Main Engine	141000	C	6	0	0	MACH-1, PA3, Item1		0.00	
0010	CYLINDER COVER COMPL D934xH1386	141000	SET	1	1				---	
E0100	Main Engine	141100	C	24	0	0	MACH-1, PA3, Item1A		0.00	BEING INCLUDED IN E0100 0010
0020	SPRING BOX COMPL FOR FO INJ VALVE, D34xL93	141100	SET	4	4				---	
E0100	Main Engine	142000	C	12	0	0	MACH-1, PA3, Item1B		0.00	BEING INCLUDED IN E0100 0010 & SAME PART AS E0100 0080
0030	FUEL INJECTION VALVE COMPLETE	142000	SET	2	2				---	
E0100	Main Engine	143000	C	6	0	0	MACH-1, PA3, Item1C		0.00	BEING INCLUDED IN E0100 0010 & SAME PART AS E0100 0090
0040	EXHAUST VALVE COMPLETE	143100, 143000	SET	1	1				---	
E0100	Main Engine	144000	C	6	0	0	MACH-1, PA3, Item1D		0.00	BEING INCLUDED IN E0100 0010 & SAME PART AS E0100 0100
0050	STARTING AIR VALVE COMPLETE	144000	SET	1	1				---	
E0100	Main Engine	145000	C	6	0	0	MACH-1, PA3, Item1E		0.00	BEING INCLUDED IN E0100 0010 & SAME PART AS E0100 0110
0060	CYLINDER SAFETY VALVE COMPLETE	145000	SET	1	1				---	
E0100	Main Engine	146000	C	6	0	0	MACH-1, PA3, Item1F		0.00	BEING INCLUDED IN E0100 0010
0070	INDICATOR VALVE COMPLETE	146000	SET	1	1				---	
E0100	Main Engine	142000	C	12	10	2	MACH-1, PA4, Item1		0.00	SAME PART AS E0100 0030
0080	FUEL INJECTION VALVE COMPLETE, 377.6x102	142000	SET	12	0				---	
E0100	Main Engine	143000	C	6	1	1	MACH-1, PA4, Item2		0.00	SAME PART AS E0100 0040
0090	EXHAUST VALVE COMPLETE, 505x995	143000	SET	2	0				---	
E0100	Main Engine	144000	C	6	1	0	MACH-1, PA4, Item3		0.00	SAME PART AS E0100 0050
0100	STARTING AIR VALVE COMPLETE, 327.3x172	144000	SET	1	0				---	
E0100	Main Engine	145000	C	6	1	0	MACH-1, PA4, Item4		0.00	SAME PART AS E0100 0060
0110	CYLINDER SAFETY VALVE COMPLETE, L266	145000	SET	1	0				---	





A.10 Parts Data

IHI MARU (Engine)

Date: 12/15/2011

Parts Data

ABC Company

Equipment	Main Engine	Item Code	
Maker	Kobe Diesel	Item Code	MACH-1, PA3, Item1
Parts	CYLINDER COVER COMPL D934xH1386		
Part Code	141000		
DWG No.	141000		
SMS	C	SPARE	1
Unit	SET		
Store		Unit Price	0.00
 Remarks: BEING INCLUDED IN E0100 0010			
E01000010			
Equipment	Main Engine	Item Code	
Maker	Kobe Diesel	Item Code	MACH-1, PA3, Item1A
Parts	SPRING BOX COMPL FOR FO INJ VALVE, D34xL93		
Part Code	141100		
DWG No.	141100		
SMS	C	SPARE	4
Unit	SET		
Store		Unit Price	0.00
 Remarks: BEING INCLUDED IN E0100 0010			
E01000020			
Equipment	Main Engine	Item Code	
Maker	Kobe Diesel	Item Code	MACH-1, PA3, Item1B
Parts	FUEL INJECTION VALVE COMPLETE		
Part Code	142000		
DWG No.	142000		
SMS	C	SPARE	2
Unit	SET		
Store		Unit Price	0.00
 Remarks: BEING INCLUDED IN E0100 0010 & SAME PART AS E0100 0080			
E01000030			
Equipment	Main Engine	Item Code	
Maker	Kobe Diesel	Item Code	MACH-1, PA3, Item1C
Parts	EXHAUST VALVE COMPLETE		
Part Code	143000		
DWG No.	143100, 143000		
SMS	C	SPARE	1
Unit	SET		
Store		Unit Price	0.00
 Remarks: BEING INCLUDED IN E0100 0010 & SAME PART AS E0100 0090			
E01000040			

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A.11 Equipments List

IHI MARU (Engine)

Date : 12/15/2011

Equipments List

ABC Company

Code	Name	Type	Model	Maker
E0100	Main Engine		6UEC50LSII	Kobe Diesel
E0110	M/E Turbo Charger		ME166SD	Mitsubishi H.I.
E0120	M/E Air Cooler			Kawasaki H.I.
E0140	M/E Fuel Oil 2nd Filter			Kanagawa Kiki
E0150	M/E Exhaust Valve Grinding Machine			Yamashina Seiki
E0160	M/E Remote Control System			Natlesco
E0162	M/E Electric Thermometer			Meijo Elect
E0163	M/E Fuel Oil Pressure Control Valve		MD-22	Venn Co
E0170	M/E Electric Governor		M800-III	Natlesco
E0180	M/E Cylinder Lubricator		WMG-3545	Mitsubishi H.I.
E0185	M/E Oil Mist Detector		MD-9M	Daihatsu Diesel
E0200	Generator Diesel Engine		6HZ1ALSV	Yanmar
E0210	GE Turbo-Charger		RH183/203	Ishikawajima-Harima H.I.
E0215	GE LO Priming Pump		GV-25	Mansel Industry
E0220	Main Generator			Taiyo Elect
E0300	Aux. Boiler			Tortoise Engineering
E0310	Exhaust Gas Economizer			Tortoise Engineering
E0320	Oil Burning Apparatus		R-15	Sunflame
E0400	Main Air Compressor		C220/900	Yanmar
E0430	Main Air Reservoir		4M3/2 45MPa	Hemmi Iron
E0470	Ship Service Air Reservoir		2M3/0 93MPa	Hemmi Iron
E0500	FO Purifier		SJ30G	Mitsubishi Kakoki
E0504	M/E LO Purifier		SJ20G	Mitsubishi Kakoki
E0510	GE LO Purifier		SJ20G	Mitsubishi Kakoki
E0524	M/E Purifier LO Feed Pump		MG404-1	Hashin Pump Work
E0525	GE Purifier LO Feed Pump		MG404-1	Hashin Pump Work
E0600	Fresh Water Generator		JWSP-26-C80	Aifa Laval
E0700	Accommodation Air Cond.		UAD-30	Ushio Renetsu
E0720	Air Conditioning Plant for Galley		UAPG-W2H54DL4	Ushio Renetsu
E0800	Provision Refrigerator		URS-3.0	Ushio Renetsu
E1005	Drain Cooler		DCH4F-15B16T	Yamashina Seiki
E1006	FO Heater for M/E			Kajiwara Iron Works Co. Ltd.
E1007	FO Heater for Purifier			Kajiwara Iron Works Co. Ltd.
E1008	LO Heater for Purifier			Kajiwara Iron Works Co. Ltd.
E1012	Plate Type Heat Exchanger	ALS Type	T30-MFM2M15-MFM1	Aifa Laval Japan
E1014	Harrison Type Heater		HEO-16-S	Taiyo Roki
E1017	Calorifier		EX-PK-40	
E1030	Electric Heater			Utsusho Electric
E1100	Induction Motor			Taiyo Elect
E1101	Jacket Cool FW Pump		HLV-55MN	Hashin Pump Work
E1102	Central Cool FW Pump		RVD-400EN	Hashin Pump Work
E1103	Cooling SW Pump		RVD-400EN	Hashin Pump Work
E1104	Air Cond Cool FW Pump		HLV-55MN	Hashin Pump Work
E1107	M/E LO Pump		SMK-200H	Hashin Pump Work
E1109	M/E FO Supply Pump		TG50-602T	Hashin Pump Work
E1111	M/E FO Circ Pump		TG80-702T	Hashin Pump Work
E1113	Boiler Feed Water Pump		WYU-12XF	Hashin Pump Work
E1118	Boiler Water Circ Pump		CY-12GN	Hashin Pump Work
E1123	Fresh Water Pump		HLV-5LN	Hashin Pump Work
E1125	Drinking Water Pump		HLV-5LN	Hashin Pump Work
E1127	Fire & G.S Pump		RDY-150R	Hashin Pump Work
E1128	Fire, Bilge & Ballast Pump		RDY-150R	Hashin Pump Work

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A.12 Stores List

IHI MARU (Engine)

Date : 12/15/2011

Stores List

ABC Company

Code	Name
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AFS	"A" DECK FIRE STATION
ER1	ENGINE ROOM
LVR	LIVING ROOM

A.13 Suppliers List

IHI MARU (Engine)

Date : 12/15/2011

Suppliers List

ABC Company

Code	Name	PIC	E-Mail	TEL	FAX	Address
IMC	IHI Marine Co., Ltd.	Mr. ee	XXX@IMC.co.jp	+81-3-xxxx-xxxx	+81-3-xxxx-xxxx	
ABC	ABC Company	Ms. △△		02-xxxx-xxxx	02-xxxx-xxxx	