

New drawing approval management system (POB Cloud)

1st Aug, 2021
SMERT DESIGN CO.,LTD.

Subject on the drawing approval

➤ **Understanding the entire progress is difficult.**

- How many drawings are left to get approval?
- How many drawings are late submission?
- How many unresolved issues do you have?
- If you are on a business trip, you can't know a present status.

➤ **If there is unexpected changing, how much effect in entire schedule.**

- Is there a problem on the schedule if we extend submitting this drawing up to the next month?

➤ **Difficulty to manage regarding drawings information.**

- Where is the latest drawings?
- Who has a brochures of the relating equipment?
- What kind of comment with approved drawings? Is it the resolved?
- How was the drawings before the revision

Requirement on the drawing approval managements system

- It can be access the latest information whenever and wherever.
- It is important to understand the changing data status.

- The entire approval status visualization.
- Approval drawings schedule visualization.
- Each drawing visualized information.

→ Necessity of organized data centralization and easier expression.



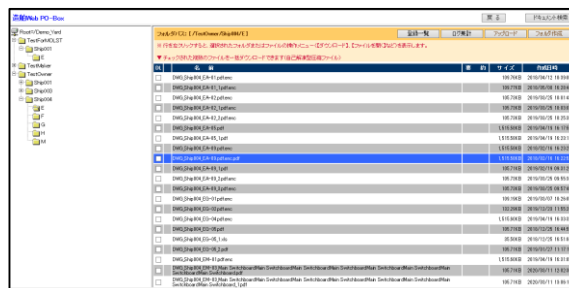
We provide the latest POB system more evolved from present it.



POB(Post Office Box) System

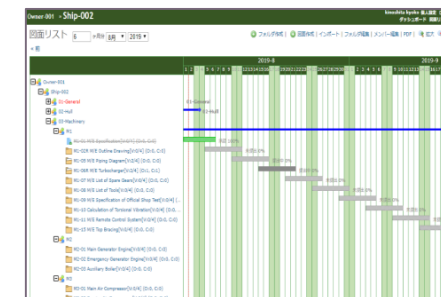
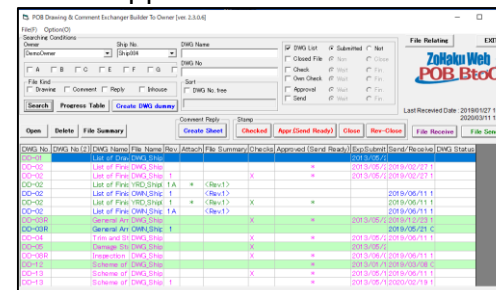
- This present POB is verified to easy to use from many domestic ship yards, supplier companies and ship owners (including multinational corporation) for 18 years since “Zohaku web”.
- Latest POB is more upgraded Cloud version, and more easier to use than present POB system.
- We have terminated development in the end of 2019. We had been sufficient trial with domestic ship owners and ship yards from the beginning of 2020. As this result, the latest POB obtain a high evaluation.
- As this result, it will be officially released by NKCS in 2021, just like the present POB.

Web version



【present POB System】 screen image

Client application version.



【Latest POB System】 screen image

Characteristic latest POB system

➤ Immediacy

- It is accessible from anywhere you have an internet.
- Immediate display of updated information.

➤ Status management

- Displays the progress and schedule of each drawing.
- Displays which you want to check drawing with one click.

→ Late submission and late response drawings near the deadline.

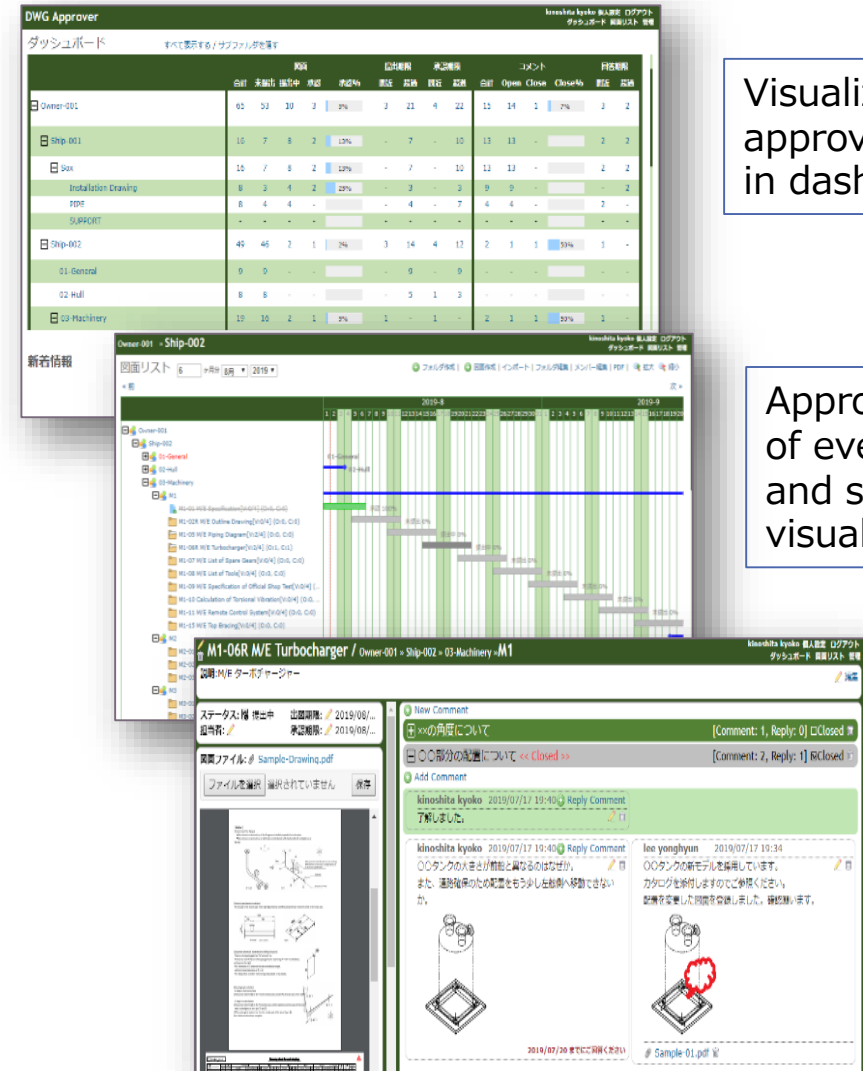
➤ Centralized available especially for management information

- Centralized management for every drawing information.
(Drawings, related documents, revision history, comments, response, deadline)

➤ Useful function

- E-mail notification. (data updating notification, deadline alert notification)

➤ Available in English version



Visualized entire approval status in dashboard.

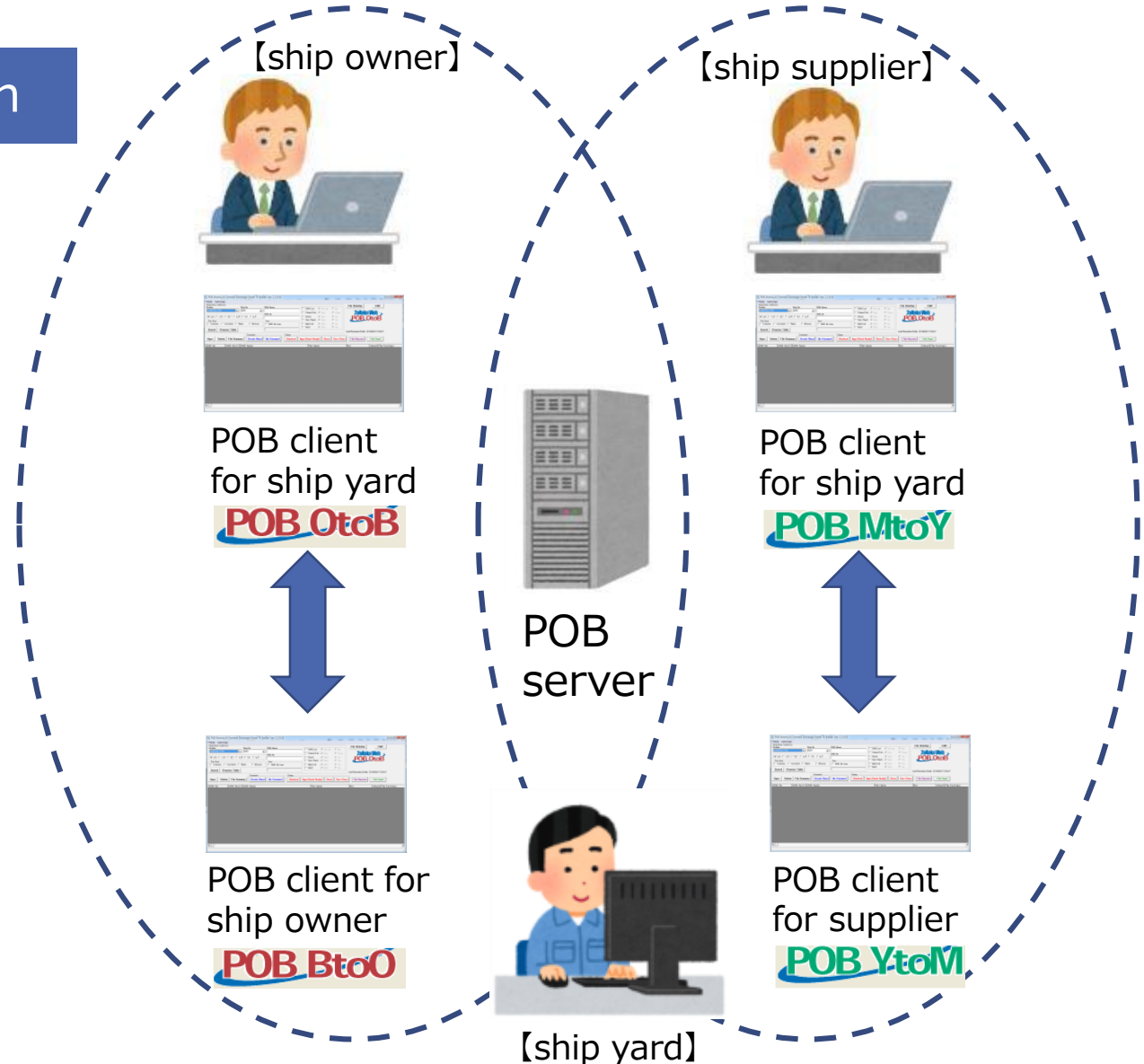
Approved status of every drawing and schedule visualization.

Managed comment and approval history.

Differences between the present POB system and latest. (1/2)

Characteristic of the present POB system

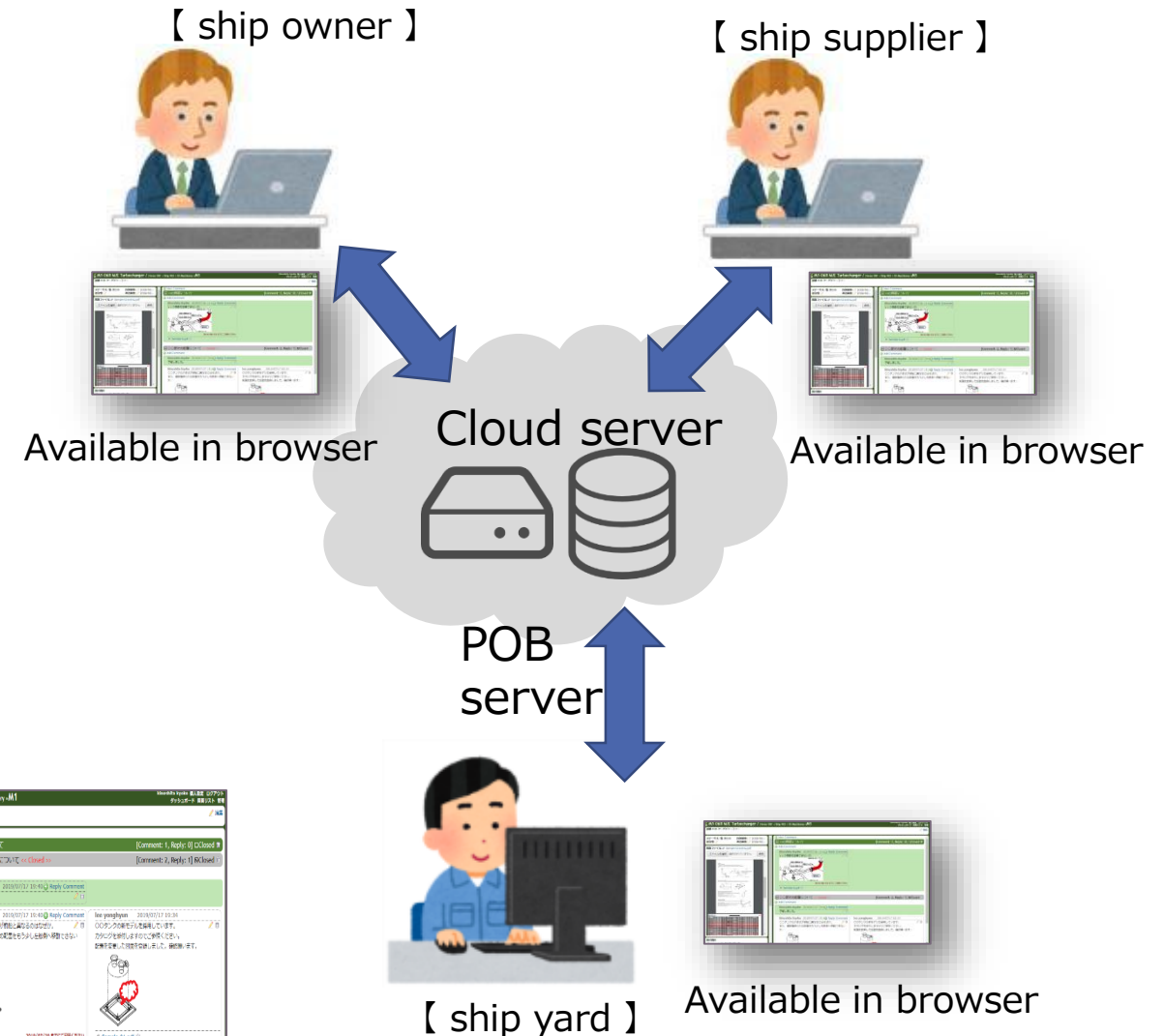
- This system use for exchanging drawings and comments between “ship yard to ship owner” and “ship yards to ship suppliers”.
- Drawings and comments are made by uploading and downloading files.
- Strict security system
(Access method using a digital certificate, files and encryption communication) and the integrity of data.(data multiplexing, ensure load balancing, etc.)
- It is necessary to install the client application every client, because of client/server format.
(It is necessary to use separated application between shipyard to ship supplier and ship owner)



Differences between the present POB system and latest. (2/2)

Characteristic the latest POB system

- In addition to drawing and comment exchange, it is easier to know the entire status progress and approval schedule.
- It is available in browser because of Cloud system. Every client doesn't install an application, reducing to work for system maintenance.
- With a simple screen configuration, it is available to previewed in browser to comment history and drawings. The comment history in addition the comment history can be output to an excel sheet and left as a document.
- E-mail notification function prevents for missing confirmation. (data update and deadline alert function.)



Dashboard



Drawing list
and status progress



Comment history



【 ship yard 】



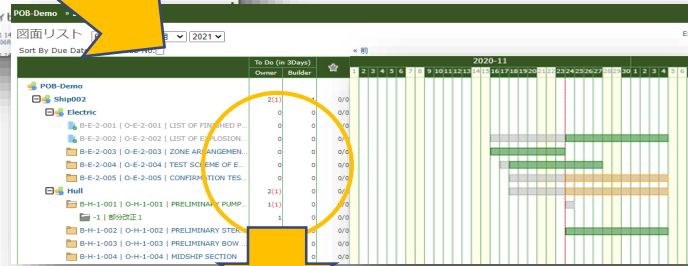
Available in browser

Summary of the latest POB system

(1) Dashboard (summary screen)



(2) Drawing list



(3) Detailed information screen



Security management by
user authentication

Email notification for those involved

- When the drawing will be uploaded
- When the answer to the comment is registered. etc.



It is easier to operate
with a simple screen
structure, using a
browser.

(1)Dashboard (Summary screen)

Visualized entire approval status

Summary すべて表示する / サブフォルダを隠す

	図面					Action required by (Due in 3Days)		Wait For コメント / リプライ	☆	Wait For Post <input type="checkbox"/> / <input checked="" type="checkbox"/>
	合計	Not Submitted	Submitted	Approved	(%)	Owner	Builder			
POB-Demo	344	339	3	2	1%	3 (2)	1	-	-	-/-
⊕ Ship001	328	327	1	-		1 (1)	-	-	-	-/-
⊖ Ship002	16	12	2	2	13%	2 (1)	1	-	1/2	1/1
Electric	5	3	-	2	40%	-	-	-	-	-/-
Hull	5	4	1	-		2 (1)	-	-	-	-/-
Machinery	6	5	1	-		-	1	-	1/2	1/1

Each number is the number of applicable screens and comments.

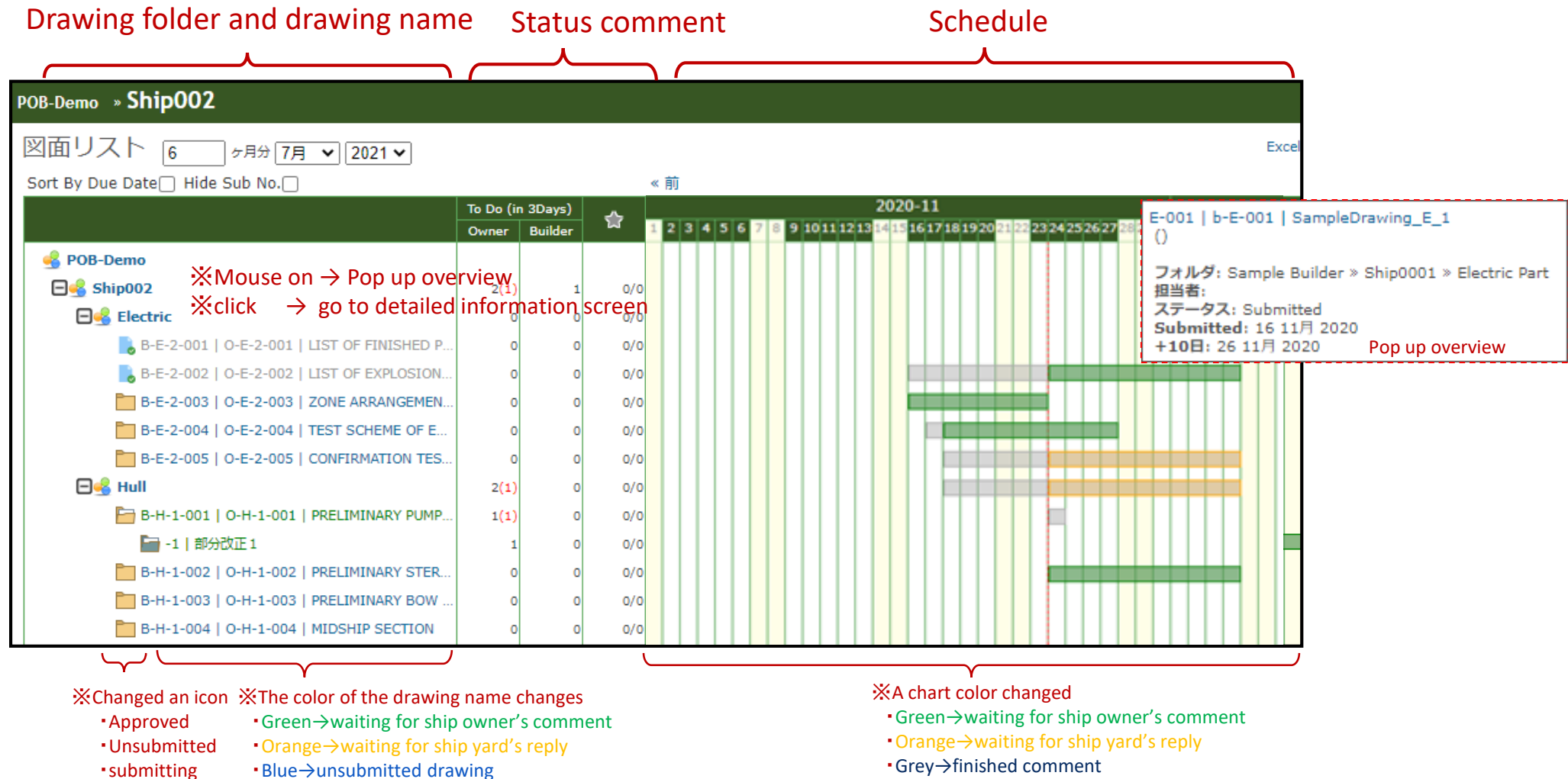
Drawing folder

Status approval drawing

Comment status and alerts

(2) Drawing list

Visualized an approval status and schedule for each drawing.



(3) Detailed information screen

Management for comment and approval history

Drawing information

Latest drawing

Attachment

Revision history

Comment

Response

Drawing information

History of comments and response for drawings.

It is available to setting with an attachment and response deadlines for comments.

O-H-1-001 | PRELIMINARY PUMP & ENGINE ROOM CONSTRUCTION / POB-Demo » Ship002 » Hull

Admin Yard ログアウト
Notice Board Summary

内容:
Drawing SubNo: B-H-1-001

提出日: 2021/07/01
担当者:

図面ファイル: ドア詳細図面-0630-R2.pdf

ファイルを選択 選択されていません 保存

2019/08/03 までにご回答ください

1: 取付位置 << Closed >> [Comment: 3, Reply: 2]

C-1: Admin Owner To リビジョン 0 01 7月 2021 17:12
上部・下部の取付位置を「250」から「300」へ変更できませんでしょうか。

R-1: Admin Yard 01 7月 2021 17:22
上部の取付位置を「250」から「300」へ変更致します。
下部は「300」へは変更できませんが、最大「280」であれば変更可能です。

C-2: Admin Owner To リビジョン 0 01 7月 2021 17:23
下部については「280」へ変更致します。

R-2: Admin Yard 01 7月 2021 17:25
下部の取付位置を「280」へ変更致します。
改正図は今週中に提出致します。

C-3: Admin Owner To リビジョン 1 01 7月 2021 17:34
No comment / Accept as proposed

2: NAMINGの文字色について [Comment: 2, Reply: 2]

C-1: Admin Owner To リビジョン 1 01 7月 2021 17:40
文字色を指定することはできますか？

R-1: Admin Yard 01 7月 2021 17:41
「黒、赤、青」から選択いただけます。

3mm WELD BEAD & PAINT



**Sasebo
Marine
Engineering & Research
Team**