

Optimizing work through effective task management

CHAMPS TaskView visually displays, in real-time, an accurate schedule of work assignments and visual cues that quickly summarize and highlight the current status of individual tasks, hierarchy of related tasks and potential issues affecting the schedule. The solution gives an organization the ability to drill down into a specific task and review its current status, assignments, and tasks that share common dependencies. It is especially valuable in shutdowns/turnarounds/outages (STO).

Accurate, easy to read data displays

CHAMPS TaskView leverages the STO scheduling data in existing CMMS and scheduling applications to visually display easy to read and understand STO schedules. The analytics tool accurately processes through the database of work tasks and highlights through visual color cues whether a task is on target, or needing attention. The system is user definable to allow an organization to determine the business rules that define key attributes related to a task (such as start/end dates and times, durations, criticality, etc) and how that data should be sorted, auto-scrolled and displayed.

TaskView Advantages

- Gain immediate insights into status of all tasks
- Minimize the impact of delays
- Reduce wait time between assignments
- Eliminate bottlenecks to get work done on schedule

The screenshot displays the CHAMPS TaskView interface. At the top, it shows 'CHAMPS OCC' and 'Current Date Time 4/11/2012 18:33'. Below this is a 'Current Selections' dropdown and buttons for 'Outage Analysis', 'Research Activities', 'Reset Current Date', and 'Clear All'. A legend on the right indicates task status: On Schedule (green), Warning (yellow), Critical (red), Late Start (blue), and Support Activities (grey). The main table lists tasks with columns: Activity ID, Crew ID, Description, Equipment ID, System ID, and Predecessor Met. The table shows various tasks such as 'RX SHUTDOWN 100 HRS PRIOR TO IRRADIATED FUEL MOVEMENT IN R...', 'CE-1337 Duplex Strainer Mod', and 'INSPECT/REWORK 1ST STG RHTR DRN TK LEVEL CONTROL...'. The 'Predecessor Met' column indicates whether a task's prerequisites are satisfied (Yes/No).

Activity ID	Crew ID	Description	Equipment ID	System ID	Predecessor Met
3G1222306060	S05	RX SHUTDOWN 100 HRS PRIOR TO IRRADIATED FUEL MOVEMENT IN R...		RC	Yes
3H1CE1337AA	S05	CE-1337 Duplex Strainer Mod	3MCENF08	CE	Yes
3D03578855-00	WM21	CH - 3PCHAL142 - S11339 (CHAL142) - Assy of vent rig/Packing "FRQ...	3PCHAL142	CH	Yes
3D03578855-00	ES31	CH - 3PCHAL142 - S11339 (CHAL142) - Assy of vent rig/Packing "FRQ...	3PCHAL142	CH	Yes
3H1S11339AA	S05	CH - 3PCHAL142 - S1-1339 SI Vent Valves Mod	3PCHAL142	CH	No
3D03578861-00	WM21	CH - CHBL149 - S11339 (CHBL149) - Assembly of vent rig/Packing "PRE...	3PCHBL149	CH	Yes
3D03578861-00	ES31	CH - CHBL149 - S11339 (CHBL149) - Assembly of vent rig/Packing "PRE...	3PCHBL149	CH	Yes
3D03589292-15	PJE	CWNT03 - DETERM CABLES FAN DECK PANELS	3MCWNW03	CW	Yes
3C03643843-02	PJE	CWNT03 - REPLACE DEGRADED OR CORRODED UNISTRUT CONDUIT S...	3MCWNW03	CW	Yes
3H1SE1082AA	S05	SE-1082 Audio Rate Speaker Mod	3JSENX00051	SE	Yes
3D03589292-05	PJE	CWNT03 - MOVE CONDUITS OUT OF WAY - FAN DECK PANELS	3MCWNW03	CW	No
3R03576813-00	MF3	EDNLC0801 INSPECT/REWORK 1ST STG RHTR DRN TK LEVEL CONTROL...	3JEDNLC0801	ED	Yes
3R03576813-00	M123	EDNLC0801 INSPECT/REWORK 1ST STG RHTR DRN TK LEVEL CONTROL...	3JEDNLC0801	ED	Yes
3C03618068-70	EFFH	WESTINGHOUSE EQUIPMENT SET UP - DRY (FUELS CRANE OPERATOR)	MISC 3FH	FH	Yes
3C03618068-70	RP	WESTINGHOUSE EQUIPMENT SET UP - DRY (FUELS CRANE OPERATOR)	MISC 3FH	FH	Yes
3C3539757-20	EFFH	MISC 3FH - COMPLETE NEW FUEL RECEIPT PT2 TO NEW FUEL STORAGE...		FH	Yes
3C3539757-20	RMC	MISC 3FH - COMPLETE NEW FUEL RECEIPT PT2 TO NEW FUEL STORAGE...		FH	Yes
3C3539757-20	RP	MISC 3FH - COMPLETE NEW FUEL RECEIPT PT2 TO NEW FUEL STORAGE...		FH	Yes
3G1222306510	ODR	MAINTAIN PURIFICATION FLOW TO LOWER RCS ACTIVITY TO < 0.05 µ...		CH	Yes
3S03646032-10	FP1	14F-9FP49 MANX02 18MD DELUGE SYSTEM WATER FLOW TEST - UNL...	3EMANX02	FP	Yes
3R03577140-00	FP2	MANX01A - REMOVE LOWER HEADS AND FLUSH THE FP HEADERS & CL...	3PFPN643	FP	Yes
3R03577140-00	FP1	MANX01A - REMOVE LOWER HEADS AND FLUSH THE FP HEADERS & CL...	3PFPN643	FP	Yes
3R03577140-10	FP2	MANX01B - REMOVE LOWER HEADS AND FLUSH THE FP HEADERS & CL...	3PFPN643	FP	Yes
3R03577140-10	FP1	MANX01B - REMOVE LOWER HEADS AND FLUSH THE FP HEADERS & CL...	3PFPN643	FP	Yes
3R03577140-20	FP2	MANX01C - REMOVE LOWER HEADS AND FLUSH THE FP HEADERS & CL...	3PFPN643	FP	Yes
3R03577140-20	FP1	MANX01C - REMOVE LOWER HEADS AND FLUSH THE FP HEADERS & CL...	3PFPN643	FP	Yes

Full

Current Date Time 3/16/2012 10:30 Display Details

Reset Current Date

Current Selections

Outage Analysis Research Activities

Search

Dimensions

Status

Activity ID

Crew ID

Equipment ID

System ID

Predecessor Met

Show Admin Tab

Password =

Set Current Date

03/16/2012

Set Current time

Current Time 10:30

Set Variables

Time Period 72

TF Start Variance 12

TF End Variance 12

FF Start Variance 12

FF End Variance 12

Hierarchy Level

0 5 10 15 20 25 30 35 40

1 6 11 16 21 26 31 36 41

2 7 12 17 22 27 32 37 42

3 8 13 18 23 28 33 38 43

4 9 14 19 24 29 34 39 44

Crew ID	Activity ID	Equipment ID	System ID	Predecessor Met	Primary Flag	Scheduled Start	Scheduled Complete	Actual Start
FP1	3400P92223FP	3CZCNM01	ZC	Yes	No	3/17/2012 7:00	3/17/2012 8:00	
MC12	3R03576509-00	3J5QRU0017	SQ	No	Yes	3/17/2012 7:00	3/17/2012 11:00	
MC12	3R03576510-00	3J5QRU0033	SQ	No	Yes	3/17/2012 7:00	3/17/2012 11:00	
MRCE	3R03576674-001	3MRCEE01A	RC	No	No	3/17/2012 7:00	3/17/2012 8:00	
CTLE	3D03589265-001	3MCWNW03	CW	Yes	Yes	3/17/2012 7:00	3/17/2012 9:00	
CTLE	3D03589253-80	3MCWNW01	CW	Yes	Yes	3/17/2012 7:00	3/17/2012 23:00	
CTLE	3D03589265-70	3MCWNW03	CW	Yes	Yes	3/17/2012 7:00	3/17/2012 23:00	
CTLE	3D03589265-80	3MCWNW03	CW	Yes	Yes	3/17/2012 7:00	3/17/2012 23:00	
CTLE	3D03589265-00	3MCWNW03	CW	No	Yes	3/17/2012 7:00	3/19/2012 7:00	
MC12	3R03576291-00	3J5QRU0016	SQ	No	No	3/17/2012 7:00	3/17/2012 19:00	
WM21	3D03578861-00	3PCHBL149	CH	Yes	Yes	3/17/2012 7:00	3/17/2012 17:00	
FP1	3503589511-01		FP	Yes	No	3/17/2012 7:00	3/18/2012 17:00	
ODR	3A15FN0010AA		5F	No	Yes	3/17/2012 7:30	3/17/2012 8:30	
ODR	3G1222306170		5I	No	Yes	3/17/2012 7:30	3/17/2012 8:30	
ODR	3G1222306210		RC	No	Yes	3/17/2012 7:30	3/17/2012 8:30	
ODA	3A15GN0020AA		5G	No	No	3/17/2012 7:30	3/17/2012 8:30	
ODR	3503582020-00		5I	No	Yes	3/17/2012 7:30	3/17/2012 8:30	
M133	3R03576385-00	3J5TAHS0017A	ZC	No	No	3/17/2012 8:00	3/17/2012 10:00	
MRCE	3R03576674-00	3MRCEE01A	RC	No	No	3/17/2012 8:00	3/17/2012 12:00	
MS21	3C03492147-10	3MECAE01	EC	Yes	Yes	3/17/2012 8:00	3/18/2012 23:00	
PJCI	3C03511200-300	3PCHAL424	5I	Yes	No	3/17/2012 8:00	3/17/2012 20:00	
WSHC	3R03576891-10	MISC 32C	ZC	No	No	3/17/2012 8:00	3/17/2012 10:00	
SOS	3MP122000525		RC	No	Yes	3/17/2012 8:30	3/17/2012 8:30	
ODA	3J1RCE0001AH	3MRCEX01	RC	No	No	3/17/2012 8:30	3/17/2012 16:30	
ODR	3A1AFN0001AA		AF	No	Yes	3/17/2012 9:00	3/17/2012 10:00	
ODR	3G1222306310		RC	No	Yes	3/17/2012 9:00	3/17/2012 10:00	

On Schedule
Warning
Critical
Late Start
Support Activities

Real-time views from a single source

The administrative console gives the schedule administrator the ability to drill down into any given task and any associated tasks that share dependencies. This gives managers real-time information from one source with data that can be easily acted upon. The system is user definable and gives an organization the flexibility to:

- Determine the source scheduling data origin (CMMS, ERP, Scheduling application etc.)
- Support any leading database (MS SQL, Oracle etc.)
- Determine how the schedule should be sorted (start date, crew, asset etc.)
- Determine how often to refresh the schedule (once per day, every 5 seconds etc.)
- Determine how fast to auto scroll the data
- Determine the color legend associated to the status of your tasks

The ability to visually communicate to everyone, in real-time, which tasks are currently underway or awaiting predecessor tasks to be completed is key to getting control of the STO schedules and minimize their durations.

Try it now

Take CHAMPS Analytics for a no-risk, no obligation "test drive". We'll load your data directly into the system to give you a first-hand view the power of TaskView.

770.495.5883



CHAMPS Analytics • 713 Kilarney Lane • Johns Creek, GA 30097
(770) 495.5883 • Chuck Patel, President • cpatel@champsinc.com