

# What's New V19.1

Release, March 2021



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Shutdown  
Payment Assistance SAP MPP CAP Schedule Milestones

MILESTONES COST LINKED

Contract	Type	MP	Mls No	Milestone Description	Amount	Cur	F Date
4000101107	RIDER 001	R01	12b	Successful completion of ASIM GM F...	98 755.67	EUR	29/11/2017
4000101107	RIDER 001	R01	12b	Successful completion of ASIM GM F...	22 784.76	EUR	28/11/2017
4000101107	RIDER 001	R01	12a	Successful completion of ASIM GM F...	206 802.51	EUR	18/12/2017
4000101107	RIDER 001	R01	12a	Successful completion of ASIM GM C...	8 000.00	EUR	23/10/2017
4000101107	RIDER 001	R01	12a	Successful completion of ASIM GM C...	7 000.00	EUR	01/12/2017
4000101107	RIDER 001	R01	12b	Successful completion of ASIM GM F...	17 310.00	EUR	24/03/2017
4000101107	RIDER 001	R01	12a	Successful completion of ASIM GM C...	95 263.33	EUR	29/11/2017
4000101107	RIDER 001	R01	12a	Successful completion of ASIM GM C...	23 987.21	EUR	01/09/2017

MILESTONE PAYMENT LINKED

Version 6

Contract	Type	MP	Mls No	Milestone Description	Amount
4000101107	RIDER 001	R01	12a	Successful completion of ASIM GM Consen...	1] Text imput
4000101107	RIDER 001	R01	12b	Successful completion of ASIM GM FAR and a...	2] Text imput
4000101107	RIDER 001	R01	12a	Successful completion of ASIM GM Consent-to...	3] Text imput
4000101107	RIDER 001	R01	12a	Successful completion of ASIM GM FAR and a...	4] Text imput
4000101107	RIDER 001	R01	12b	Successful completion of ASIM GM FAR and a...	5] Text imput
4000101107	RIDER 001	R01	12a	Successful completion of ASIM GM FAR and a...	6] Text imput
4000101107	RIDER 001	R01	12a	Successful completion of ASIM GM Consent-to...	7] Text imput
4000101107	RIDER 001	R01	12b	Successful completion of ASIM GM FAR and a...	8] Text imput
4000101107	RIDER 001	R01	12a	Successful completion of ASIM GM Consent-to...	9] Text imput
4000101107	RIDER 001	R01	12b	Successful completion of ASIM GM FAR and a...	10] Text imput

Version

Predicted

Project Controller

Successor

JPSI esa

Code Description

Date Occured Project

Code Description Date Occured Project

esa

JPSI www.jpsigroup.net

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## NEW FEATURES IN VERSION 6.20

### WORKFORCE POSITIONS IN WPM

Source from the SoW of this new feature:

"The WPM module in IPCDB allows to allocate Manpower for each project / fund. Nevertheless, the number of Men/Year planned by the project controllers sometimes differs from the real Staff, contractors and services allocated. Therefore, there is a need to display the positions and names of the personnel to help project controllers in elaborating their Manpower planning. To display this information, the data from The Workforce Tool will be used (The WorkForce Tool being the HRE reference tool for managing manpower in HRE with positions, names and dates of assignation)."

Project Fund Link: IPCDB has Project and fund reference for the Manpower, while the Workforce tool as a reference to the WBS and Fund. It is possible to derive the project from the WBS, then, the link is possible between the two."

### DISPLAY POSITON PROJECT

An example, with the project Astronauts E/0136-01 in the WPM

The screenshot shows a software window titled "WorkForce Planning in Segment 1100592 for Project E/0136-01 Astronauts and Fund E/0136-02Q". The main area displays a grid of workforce data for the year 2021, with columns for M/Y (Men/Year) and years from 2021 to 2030. The data is categorized by staff type: HRE Staff (13.75), HRE Contractors (14.83), TEC Support (1.50), and IPL Support (0.20). On the right side, there are dropdown menus for "Project" (E/0136-01) and "Fund" (E/0136-02Q), and a filter section with "All Funds" and "Personal Filter" options. At the bottom right, there is a button labeled "Save and Generate Men/Year and Recharges".

DISPLAY WORKFORCE FOR STAFF IN 2021 UNDER THIS WBS:

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In the WPM, the manpower planning for Staff in 2021 is 13.75 MY. Using the display Positon Project, the project controller is able to visualise quickly the current Manpower planning in the WorkForce Tool, being 14.25MY for this example.

**WorkForce Planning in Segment 1100592 for Project E/0136-01 Astronauts and Fund E/0136-02Q**

Men per Year										
M/Y	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
HRE Staff	13.75	14.83								
TEC Support	1.50									
IPL Support	0.20									

**INPUT**

Manpower Cat S										
M/Y	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
ESTEC Cat S										
ESOC Cat S										

**OUTPUT**

Project: E/0136-01

WBS	Fund	Position Description	Name	MenY
E/0136-01-M-01	E/0136-01Q	EAC Management & Ops Support Of...	Ghiste Stephane	1
E/0136-01-M-04		Space Medicine & EAC Mngmt Supp ...	Weerts Guillaume	0.8
E/0136-01-M-02	E/0136-01Q	Astronaut	Peake Timothy Nigel	0.225
E/0136-01-M-02	E/0136-01Q	EAC Management and Operations S...	Fortunato Antonio	1
E/0136-01-M-02		Astronaut	Gerst Alexander	0.5
E/0136-01-M-03	E/0136-01Q	Senior Training Engineer	Stevenin Herve Jean-Pierre	1
E/0136-01-M-04-3		Consultancy ECOS Project ANITA-2	Irawan Timothy	0.18824
E/0136-01-M-03	E/0136-01Q	Head of the ISS Increment Training ...	Capelle Kris Raphael	0.8

Selected year: 2021 Selected position: Staff MenY Total: 14.24657

**Save and Generate**  
Men/Year and Recharges for this Project/Fund  
Copy CII3 Refresh CII3  
Generate Provisional

**WorkForce Planning in Segment 1100592 for Project E/0136-01 Astronauts and Fund E/0136-02Q**

Men per Year										
M/Y	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
HRE Staff	13.75	14.83								
HRE Contractors										
TEC Support										
IPL Support										

**INPUT**

Manpower Cat S										
M/Y	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
ESTEC Cat S										
ESOC Cat S										

**OUTPUT**

Project: E/0136-01

WBS	Fund	Position Description	Name	MenY
E/0136-01-M-01	E/0136-01Q	EAC Management & Ops Support Of...	Ghiste Stephane	1
E/0136-01-M-04		Space Medicine & EAC Mngmt Supp ...	Weerts Guillaume	0.8
E/0136-01-M-02	E/0136-01Q	Astronaut	Peake Timothy Nigel	0.225
E/0136-01-M-02	E/0136-01Q	EAC Management and Operations S...	Fortunato Antonio	1
E/0136-01-M-02		Astronaut	Gerst Alexander	0.5
E/0136-01-M-03	E/0136-01Q	Senior Training Engineer	Stevenin Herve Jean-Pierre	1
E/0136-01-M-04-3		Consultancy ECOS Project ANITA-2	Irawan Timothy	0.18824
E/0136-01-M-03	E/0136-01Q	Head of the ISS Increment Training ...	Capelle Kris Raphael	0.8

Selected year: 2021 Selected position: Staff MenY Total: 14.24657

**Class C: Manpower (KEURO) - Direct Costs**

**Project: E/0136-01**

WBS	Fund	Position Description	Name	MenY
E/0136-01-M-03	E/0136-01Q	Head of the ISS Increment Training ...	Capelle Kris Raphael	0.8
E/0136-01		LEO Exploration Group Leader	De Winne Frank	0.13333
E/0136-01-M-02	E/0136-01Q	Astronaut	Pesquet Thomas	1
E/0136-01-M-03	E/0136-01Q	Senior Instruct. Techn &Explor. Engi...	Bessone Loredana	1
E/0136-01-M-04	E/0136-01Q	Senior Biomedical Engineer	De Jong Frits	1
E/0136-01-M-04-1		Senior Flight Surgeon	Vaquer Araujo Sergi	1
E/0136-01-M-02		Astronaut	Maurer Matthias	1
E/0136-01-M-01		Project Controller	Semahi Jamel	0.8

Selected year: 2021 Selected position: Staff MenY Total: 14.24657

**Project: E/0136-01**

WBS	Fund	Position Description	Name	MenY
E/0136-01-M-03	E/0136-01Q	Senior Instruct. Techn &Explor. Engi...	Bessone Loredana	1
E/0136-01-M-04	E/0136-01Q	Senior Biomedical Engineer	De Jong Frits	1
E/0136-01-M-04-1		Senior Flight Surgeon	Vaquer Araujo Sergi	1
E/0136-01-M-02		Astronaut	Maurer Matthias	1
E/0136-01-M-01		Project Controller	Semahi Jamel	0.8
E/0136-01-M-02	E/0136-01Q	Astronauts Operations Lead	Parmitano Luca	0.8
E/0136-01-M-02	E/0136-01Q	Future Projects Coordinator	Cristoforetti Samantha	1
E/0136-01-M-02	E/0136-01Q	EAC Liaison Officer	Mogensen Andreas Enevold	1

Selected year: 2021 Selected position: Staff MenY Total: 14.24657

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Table/Data retrieve from the Workforce tool with E/0136-01 WBSs:

WBS	FUND	POSITION_DESCRIPTION	CATEGORY_GROUP	NAME	MY_PER_WBS	YEAR
• E/0136-01-M-02	E/0136-01Q	EAC Liaison Officer	Staff	Mogensen Andreas Enevold	1	01/01/2021
• E/0136-01-M-04-1		Senior Flight Surgeon	Staff	Vaquer Araujo Sergi	1	01/01/2021
• E/0136-01-M-02	E/0136-01Q	Astronauts Operations Lead	Staff	Parmitano Luca	0,8	01/01/2021
• E/0136-01-M-02	E/0136-01Q	Future Projects Coordinator	Staff	Cristoforetti Samantha	1	01/01/2021
• E/0136-01-M-03	E/0136-01Q	Senior Instruct. Techn &Explor. Engineer	Staff	Bessone Loredana	1	01/01/2021
• E/0136-01-M-04	E/0136-01Q	Senior Biomedical Engineer	Staff	De Jong Frits	1	01/01/2021
• E/0136-01-M-04-3		Consultancy ECOS Project ANITA-2	Staff	Irawan Timothy	0,188235294117...	01/01/2021
• E/0136-01-M-02		Astronaut	Staff	Gerst Alexander	0,5	01/01/2021
• E/0136-01-M-03	E/0136-01Q	Senior Training Engineer	Staff	Stevenin Herve Jean-Pierre	1	01/01/2021
• E/0136-01-M-01	E/0136-01Q	EAC Management & Ops Support Officer	Staff	Ghiste Stephane	1	01/01/2021
• E/0136-01-M-04		Space Medicine & EAC Mngmt Supp Team ...	Staff	Weerts Guillaume	0,8	01/01/2021
• E/0136-01-M-02	E/0136-01Q	Astronaut	Staff	Peake Timothy Nigel	0,225	01/01/2021
• E/0136-01-M-02	E/0136-01Q	EAC Management and Operations Supp. Of...	Staff	Fortunato Antonio	1	01/01/2021
• E/0136-01-M-02		Astronaut	Staff	Maurer Matthias	1	01/01/2021
• E/0136-01-M-01		Project Controller	Staff	Semahi Jamel	0,8	01/01/2021
• E/0136-01-M-03	E/0136-01Q	Head of the ISS Increment Training Unit	Staff	Capelle Kris Raphael	0,8	01/01/2021
• E/0136-01		LEO Exploration Group Leader	Staff	De Winne Frank	0,1333333333333...	01/01/2021
• E/0136-01-M-02	E/0136-01Q	Astronaut	Staff	Pesquet Thomas	1	01/01/2021

## DISPLAY WORKFORCE FOR CONTRACTORS IN 2021 UNDER THIS WBS:

Other example for the Contractors plan under the same project E/0136. There is no planning entered in IPCDB, nor in the Workforce tool.

The screenshot shows the WorkForce Planning interface for Project E/0136-01 Astronauts and Fund E/0136-02Q. The main table displays 'Men per Year' for various roles. A context menu is open over the 'HRE Contractors' row for the year 2021, with options to 'Show All Lines', 'Hide (if null)', 'Display Position Project', and 'Display Position Project+Fund'. The right side of the screen shows project and fund selection dropdowns, a filter section, and a 'Save and Generate' button.

M/Y	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
HRE Staff	13.75	14.83								
HRE Contractors										
TEC Support	1.5									
IPL Support	0.7									
Manpower Cat S										

# What's New 6.19 Release, January 2021



WorkForce Planning in Segment 1100592 for Project E/0136-01 Astronauts and Fund E/0136-02Q

**INPUT**

Men per Year		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
HRE Staff		13.75	14.83								
HRE Contractors											
TEC Support		1.50	1.50								
IPL Support		0.20	0.20								

  

Manpower Cat S		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
ESTEC Cat S											
ESOC Cat S											

  

Missions/Others Procurement (KEURO)		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
M/Y	2021										
Missions Cost		497.00									
Other Procurement Cost											

  

Class C: Manpower (KEURO) - Direct Costs		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
HRE Staff		3 960.00									
HRE Contractors											
TEC Support		368.55									
IPL Support		38.72									

Selected year: 2021 Selected position: Contractors MenY Total:

**OUTPUT**

Project: E/0136-01

WBS Fund Position Description Name MenY

Copy CJ13 Refresh CJ13

Generate Provisional and Planned lines for Project Root

E/0136 Show old buttons

WBS	FUND	POSITION_DESCRIPTION	CATEGORY_GROUP	NAME	MY_PER_WBS	YEAR
E/0136-01-M-01	E/0136-01Q	Project Controller	MAS	Semahi Jamel	0,408870967741...	01/01/2018
E/0136-01-M-03	E/0136-01P	Secretary/Adm. Assistant	MAS	Pohlmeier Gabriele	0,370967741935...	01/01/2017
E/0136-01-M-04	E/0136-01P	SECRETARY/ADMIN ASSISTANT	MAS	Vollmann Henriette	0,370967741935...	01/01/2017
E/0136-01-M-01	E/0136-01Q	Project Controller	MAS	Semahi Jamel	0,9	01/01/2017
E/0136-01-M-01	E/0136-01P	Administrator Assistant	MAS	Reichhardt Nadine	0,185483870967...	01/01/2017
E/0136-01-M-04	E/0136-01P	SECRETARY/ADMIN ASSISTANT	MAS	Vollmann Henriette	1	01/01/2016
E/0136-01-M-03	E/0136-01P	Secretary/Adm. Assistant	MAS	Pohlmeier Gabriele	1	01/01/2016
E/0136-01-M-01	E/0136-01P	Administrator Assistant	MAS	Reichhardt Nadine	0,038978494623...	01/01/2016

## WHY TO DISPLAY @ THIS LEVEL

There is need to display the Workforce at project level due to the difference of funds booking between both tools. For instance, the project Drop Towers Missions E/0160 is fully aligned versus manpower plan, but the related fund differs.

WBS	FUND	POSITION_DESCRIPTION	CATEGORY_GROUP	NAME	MY_PER_WBS	YEAR
E/0160-01-A	E/0160-01S	Project Controller	MAS	Baars Rudi	0,04	01/01/2022
E/0160-01-A		Parabolic Flight&Drop Tower Coordinator	Staff	Melville-Kenney Neil Frank	0,1	01/01/2022
E/0160-01-A		Exploration & Sub-Orbital Payloads Team L...	Staff	Winter Josef Ludwig	0,05	01/01/2022
E/0160-01-A	E/0160-01S	Project Controller	MAS	Baars Rudi	0,04	01/01/2021
E/0160-01-A		Parabolic Flight&Drop Tower Coordinator	Staff	Melville-Kenney Neil Frank	0,1	01/01/2021
E/0160-01-A		Exploration & Sub-Orbital Payloads Team L...	Staff	Winter Josef Ludwig	0,2	01/01/2021

# What's New 6.19 Release, January 2021



**WorkForce Planning** in Segment 1100592 for Project E/0160-01 Drop Towers Missions and Fund E/0160-025

**INPUT**

Men per Year		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
HRE Staff		0.30	0.30								
HRE Contractors		0.04	0.04								
IPL Support		0.07	0.07								

  

Manpower Cat S		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
ESTEC Cat S											
ESOC Cat S											

  

Missions/Others Procurement (KEURO) - Direct Costs		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Missions Cost		2.00									
Other Procurement Cost											

  

Class C Manpower (KEURO) - Direct Costs		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
HRE Staff		86.40									
HRE Contractors		11.52									

Selected year: 2022 Selected position: Contractors MenY Total: 0.04

**Project: E/0160-01**

WBS	Fund	Position Description	Name	MenY
E/0160-01-A	E/0160-01S	Project Controller	Baars Rudy	0.04

**Rates**

**OUTPUT**

**Save and Generate**  
Men/Year and Recharges for this Project/Fund

**Copy CJ3 Refresh CJ3**

**Generate Provisional and Planned lines for Project Root**

**E/0160**

**Show old buttons**

**WorkForce Planning** in Segment 1100592 for Project E/0160-01 Drop Towers Missions and Fund E/0160-025

**INPUT**

Men per Year		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
HRE Staff		0.30	0.30								
HRE Contractors		0.04	0.04								
IPL Support		0.07	0.07								

  

Manpower Cat S		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
ESTEC Cat S											
ESOC Cat S											

  

Missions/Others Procurement (KEURO) - Direct Costs		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Missions Cost		2.00									
Other Procurement Cost											

  

Class C Manpower (KEURO) - Direct Costs		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
HRE Staff		86.40									
HRE Contractors		11.52									

Selected year: 2021 Selected position: Contractors MenY Total:

**Project: E/0160-01 Fund: E/0160-025**

WBS	Fund	Position Description	Name	MenY

**Rates**

**OUTPUT**

**Save and Generate**  
Men/Year and Recharges for this Project/Fund

**Copy CJ3 Refresh CJ3**

**Generate Provisional and Planned lines for Project Root**

**E/0160**

**Show old buttons**

## DISPLAY POSITION PROJECT+FUND

Following example for the project Columbus Ops E/0105-01: In the WPM there is no contractor manpower plan for this combination of project/fund, whereas the WorkForce Tool plan otherwise.

**INPUT**

Men per Year		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
HRE Staff											
HRE Contractors											
TEC Support											
OPS Project											

  

Manpower Cat S		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
ESTEC Cat S											
ESOC Cat S											

Selected year: 2021 Selected position: Contractors MenY Total:

**Project: E/0105-01**

**Display Position Project+Fund**

**Rates**

**OUTPUT**

**Save and Generate**  
Men/Year and Recharges for this Project/Fund

**Copy CJ3 Refresh CJ3**

**Generate Provisional**

# What's New 6.19 Release, January 2021



**INPUT**

Men per Year		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
HRE Staff											
HRE Contractors											
TBC Support											
OPS Project											
<b>Manpower Cat S</b>											
M/Y	2021										
ESTEC Cat S											
ESOC Cat S											
<b>Missions/Others Procurement (KEURO) - Direct Cost</b>											
M/Y	2021										
Missions Cost											
Other Procurement Cost											
<b>Class C: Manpower (KEURO) - Direct Costs</b>											

Project: E/0105-01 Fund: E/0105-01Q

WBS	Fund	Position Description	Name	MenY	2027	2028	2029	2030
E/0105-01-I-01-H...	E/0105-01Q	ACES Operations Manager and Col...	Wessels Han	1				
E/0105-01-I-01-HX-1	E/0105-01Q	Risk and Reporting Support	Van Ginderen Gerard	1				
E/0105-01-I-01-HR-01	E/0105-01Q	ISS Operations Management Coordinator		0,7				
E/0105-01-I-01-XS-01	E/0105-01Q	Avionics Engineering Support for ISS Colu...	Catoni Simone	0,5				
E/0105-01-I-01-HR-01	E/0105-01Q	ISS Operations Management Coordinator		0,5				
E/0105-01-I-01-HX-1	E/0105-01Q	Risk and Reporting Support		1				
E/0105-01-I-01-HO-1	E/0105-01Q	ACES Operations Manager and ColKa Engin...		1				
E/0105-01-I-01-XS-01	E/0105-01Q	Avionics Engineering Support for ISS Colu...		0,7				
F/0105-01-I-01-HR-01	F/0105-01Q	Paulnair/Instruments Engineer		1	1	0,754828704	1	01/01/2020

Selected year: 2021 Selected position: Contractors MenY Total: 3,2

Project: E/0105-01 Fund: E/0105-01Q

Save and Generate Men/Year and Recharges for this Project/Fund

Copy CJ3 Refresh CJ3

Generate Provisional and Planned lines for Project Root

Show old buttons

WBS	FUND	POSITION_DESCRIPTION	CATEGORY_GROUP	NAME	MY_PER_WBS	YEAR
E/0105-01-I-01-HO-1	E/0105-01Q	ACES Operations Manager and ColKa Engin...	MAS	Wessels Han	1	01/01/2022
E/0105-01-I-01-HX-1	E/0105-01Q	Risk and Reporting Support	MAS	Van Ginderen Gerard	1	01/01/2022
E/0105-01-I-01-HR-01	E/0105-01Q	ISS Operations Management Coordinator	MAS	Ter Beek Hester	0,5	01/01/2022
E/0105-01-I-01-XS-01	E/0105-01Q	Avionics Engineering Support for ISS Colu...	MAS	Catoni Simone	0,75	01/01/2022
E/0105-01-I-01-HR-01	E/0105-01Q	ISS Operations Management Coordinator	MAS	Ter Beek Hester	0,5	01/01/2021
E/0105-01-I-01-HX-1	E/0105-01Q	Risk and Reporting Support	MAS	Van Ginderen Gerard	1	01/01/2021
E/0105-01-I-01-HO-1	E/0105-01Q	ACES Operations Manager and ColKa Engin...	MAS	Wessels Han	1	01/01/2021
E/0105-01-I-01-XS-01	E/0105-01Q	Avionics Engineering Support for ISS Colu...	MAS	Catoni Simone	0,7	01/01/2021
F/0105-01-I-01-HR-01	F/0105-01Q	Paulnair/Instruments Engineer	MAS	Zuiderveld Inhke (MAS)	0 169254828704	01/01/2020