

#### The World of filters in Safran Project

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# Filtering in General

- The most powerful/comprehensive available
- Filter on a field-by-field basis
- Filter on 'anything sensible'
- ... and still highly user friendly
- Highly precise selection of information => quality reporting
- Inaccurate selection => inaccurate reporting
- Filters are Global and may be used throughout Safran database
- The best thing since sliced bread





# Filtering in General

Boolean Algebra - George Boole English math. 1815-1864 Concerned with **True** or **False** 

- Boolean operators AND, OR, NOT







# Filtering in General

#### - Friend or Foe?

- Simple selection Discipline=Piping
- AND all clauses must be True
- OR at least one clause must be True
- Complex selection Multiple Cases/Levels
- Use parentheses to group clauses
- Analyze by starting with innermost case and work outwards
- If all else fails.....use a Flag field to identify specific activities.

r: 1c	- Resterende stålkjernepeler (JONAS.GRAN)	~	From: All Us	ers 🗸 New Save As Rename De	elete	
(	Field		Operator	Expression	)	And/Or
$\sim$	MC Oppstart Igangkjøring (SLETT?) (Reference 13)	$\sim$	= 🗸	V1-Ny	~ ~	AND 🗸
$\sim$	M3 - Plass i vognen (Reference 7)	$\sim$	<b></b>	K201-UE: Seabrookers	~ ~	· ·

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Filte	er:		✓	From: A	ll Us	ers 🔍 New Save As Rename Delete				
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((	(	$\sim$	Cancelled Date 🗸	IS	$\sim$	NULL		$\sim$	AND 🔤	$\sim$
		$\sim$	Project Name	=	$\sim$	LVB - Nivå 3 - Taktplan Innvendig 🗸 🗸		$\sim$	AND [	$\sim$
((		$\sim$	N1 - Hovedseksjon (Reference 1)	$\diamond$	$\sim$	GJ		$\sim$	OR	$\sim$
		$\sim$	N1 - Hovedseksjon (Reference 1)	$\diamond$	$\sim$	KM		$\sim$	AND	$\sim$
(		$\sim$	N1 - Hovedseksjon (Reference 1)	$\diamond$	$\sim$	LA		$\sim$	OR	$\sim$
		$\sim$	Description	Not Beg	ji 🗸	MMI		$\sim$	AND	$\sim$
		$\sim$	Description	Not Beg	ji 🗸	Vogn 0 v	)	$\sim$	OR	$\sim$
		$\sim$	N3 - Arealtyper (Reference 3)	$\diamond$	$\sim$	MP		$\sim$	OR	$\sim$
		$\sim$	N3 - Arealtyper (Reference 3)	Not Beg	ji 🗸	ARB		$\sim$	AND	$\sim$
		$\sim$	N1 - Hovedseksjon (Reference 1)	$\diamond$	$\sim$	PG v	))	$\sim$	AND	$\sim$
		$\sim$	Subproject 🗸	=	$\sim$	default 🗸		$\sim$	AND	$\sim$
		$\sim$	N3 - Arealtyper (Reference 3)	$\diamond$	$\sim$	· · ·	)))	$\sim$	AND	$\sim$
		$\sim$	M7 - SF Nivå (Reference 12)	IS NOT	$\sim$	NULL		$\sim$	OR	$\sim$
		$\sim$	M7 - SF Nivå (Reference 12)	$\diamond$	$\sim$	SF11 🗸		$\sim$	AND [	$\sim$
		$\sim$	Early Finish 🗸	>	$\sim$	1.1.24 🗸		$\sim$		$\sim$
In	ise	ert F	tow Add Row Delete Row Clear All Move Up	Move	Dow	m Apply C	)K		Ca	ncel



# Intelligent Expressions

R fields, Outline codes and fixed value fields have context sensitive dropdowns

Outline codes also have a 'Belongs To' operator which will select all activities that logically belong to a chosen node.



Userfie	lds										×
Referenc	e Text	Date	Flag	Decimal	D	luration	Outline Co	odes	Computed		
Field I	Label				^	Field N	o.:	29			
023 (	Outline (	ode 23				Label:	Out	line Ci	ode 29 Felles WBS		
024 (	Outline (	ode 24	RtilO			Visible		Ena	bled:		
025 (	Outline (	ode 25				Max L	evels: 6		_		
026 (	Outline (	ode 26				Display		i Pa	th ⊖ level		
027 (	Outline (	ode 27				-link	To	uira			
028 0	Outline (	ode 28				Userfie	ld Set:				
029 (	Outline (	ode 29	Felles V	VBS		Field N	0.				
030 (	Outline (	ode 30	Felles V	VBS (t		Inharit	label:				
			_		~	II II IOI IL					
Configu	uration	Tree Vi	ew Ta	able View							Add Node
<b>%</b>	. Outline	e Code 2	9 Felle	s WBS						^	Delete Node
. E		- Fase 2	- Prosj	ektering							
		Fase 3	- Raby	gg							Copy Node
1		FA - F	unksior	sarealer							Cut Node
	÷	GJ - G	jennom	føringsav	tale	r, oppsta	art prosjekt	ering			Garnouc
	÷	K1 - T	ekniske	rom - K1							Paste Node
	÷	K3 - T	ekniske	rom - K3							
	÷	KM - K	ontrakt	smilepeler							Indent >>
		LA-L	andska	p							
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	÷	SI-Te	ekniske	siakter	maill	Cabiali	Y MAIN				
	÷	SJ2 - I	leis- og	trappesj	akte	r					Move Up
	÷	TP - Te	kniske	rom - Plai	n 1,	2, 5					Move Down
	÷	TR - T	anspo	rtåpninger	- L	ogistikk				~	
L de		···· ·	Read and a								
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			In	nport		Export				ОК	Cancel

Filters			_		×
ter: No activities (SAFRANSA) V Fro	om: All Users	New Save As	. Rename.	Delete	•
( Field	Operator	Expression	)	And/Or	_
✓ Phase (Reference 3)	= 🗸		~ ~	$\sim$	
		00 - Milestones			
		10 - Management			
		11 - Contigency			
		12 - Bank Guarantee			
		13 - Garantiavsetning			
		14 - Currency Hedging Purchase		<b>N</b>	
		15 - Currency Hedging Instalments			
Insert Row Add Row Delete Row Clear	ar All Ma	ove Up Move Down Apply	ОК	Cancel	





#### IN and Not IN operators

- Multiple R field lines such as:
- Product=FD00-A OR Product=FE00-A OR
   Product=GR00-A OR Product=HA00-A
- Can be replaced by:
- Product IN FD00-A, FE00-A, GR00-A, HA00-A
- Thus simplifying your filter

(	Field		Operator	Expression	)	And/Or
$\sim$	Product (Reference 2)	$\sim$	= ~	FD00-A - Top Drive	$\sim$	OR 🗸
$\sim$	Product (Reference 2)	$\sim$	= ~	FE00-A - Dolly	$\sim$	OR 🗸
$\sim$	Product (Reference 2)	$\sim$	= ~	GR00-A - Roughneck	$\sim$	OR 🗸
$\sim$	Product (Reference 2)	$\sim$	= ~	HA00-A - Mounted Compensator 🔍	$\sim$	~

No. Filters		- 🗆 ×
Filter: Products in	V From: User Vew	Save As Rename Delete
( Field	Operator Expression	) And/Or
Product (Reference 2)	V IN V FD00-A, FE00-A, GR00-A, H	
Insert Row Add Row Delete Row	Clear All Move Up Move Down	Apply OK <u>C</u> ancel



# Logic Based Filtering

Logic related fields Preceding path/Succeeding path

Select activities leading into an activity/milestone

Succeeding/Preceding path can also be combined with AND to select all activities between two points in network

🔁 Filter	5			_	
Filter: Log	gic based filtering (SAFRANSA) 🗸 F	rom: All Users	New Save As	Rename	Delete
(	Field	Operator	Expression	)	And/Or
~	Predecessors 🗸	Contains 🗸	'Z' 🗸 🗸	~	OR 🗸
~	Successors 🗸	= 🗸	'B000B' 🗸	~	OR 🗸
~	Preceeding Path	Of 🗸	A000A 🗸	$\sim$	OR 🗸
~	Succeeding Path	Of 🗸	'M0022' V	$\sim$	$\sim$
Insert R	low Add Row Delete Row Cle	ar All M	ove Up Move Down Apply 0	OK	Cancel

Safran



#### Newer Filter fields

List of filterable fields increases with new functionality:

- Activity Logic
- Actual % Baseline/Current/Total
- Indent Level
- Out of Sequence
- Longest Path
- Number of Predecessors/Disabled
- All Predecessors Complete
- Predecessors lag

Ne	w filter fields (SAFRANSA)	F	rom: All	User	s v New	Save As	Rename.		Delet
(	Field		Opera	tor	Expression			And	/Or
$\sim$	Activity Logic	$\sim$	=	$\sim$	Start Activity	~	~	OR	$\sim$
$\sim$	Actual % Baseline Scope	$\sim$	=	$\sim$	1	~		OR	$\sim$
$\sim$	Actual % Current Scope	$\sim$	=	$\sim$	1	~		OR	$\sim$
$\sim$	Actual % Total Scope	$\sim$	=	$\sim$	1	~	~	OR	$\sim$
$\sim$	Out Of Sequence	$\sim$	=	$\sim$	1	~	~	OR	$\sim$
$\sim$	Current Out Of Sequence	$\sim$	=	$\sim$	1	$\sim$	~	OR	$\sim$
$\sim$	Longest Path	$\sim$	=	$\sim$	1	$\sim$	~	OR	$\sim$
$\sim$	Float Path	$\sim$	=	$\sim$	1	$\sim$	~	OR	$\sim$
$\sim$	Float Path Order	$\sim$	=	$\sim$	1	$\sim$	~	OR	$\sim$
$\sim$	Minimum Continuous Start Duration	$\sim$	=	$\sim$	1	$\sim$	~	OR	$\sim$
$\sim$	Predecessors	$\sim$	=	$\sim$	1	$\sim$	~	OR	$\sim$
$\sim$	Preceeding Path	$\sim$	Of	$\sim$	A	$\sim$	~	OR	$\sim$
$\sim$	Number Of Predecessors	$\sim$	=	$\sim$	1	$\sim$	~	OR	$\sim$
$\sim$	Number Of Disabled Predecessors	$\sim$	=	$\sim$	1	$\sim$	~	OR	$\sim$
$\sim$	Predecessors Lag	$\sim$	=	$\sim$	1	$\sim$	~	OR	$\sim$
$\sim$	All Predecessors Completed	$\sim$	=	$\sim$	Y	$\sim$	~	OR	$\sim$
$\sim$	Successors	$\sim$	=	$\sim$	1	$\sim$	~	OR	$\sim$
$\sim$	Succeeding Path	$\sim$	Of	$\sim$	A	$\sim$	~	OR	$\sim$
$\sim$	Number Of Successors	$\sim$	=	$\sim$	1	$\sim$	~	OR	$\sim$
$\sim$	Number Of Disabled Successors	$\sim$	=	$\sim$	1	$\sim$	~	OR	$\sim$
$\sim$	Successors Lag	$\sim$	=	$\sim$	1	$\sim$	~		$\sim$



#### Newer Filter fields

List of filterable fields increases with new functionality

In this case related to the Leveling Process

(	Field		Operat	tor	Expression		)	And	/0
$\sim$	Leveled Activities	$\sim$	=	$\sim$	1	$\sim$	$\sim$	OR	~
$\sim$	Leveled and Delayed	$\sim$	=	$\sim$	1	$\sim$	$\sim$	OR	~
$\sim$	Leveled and Overloaded	$\sim$	=	$\sim$	1	$\sim$	$\sim$	OR	~
$\sim$	Leveled and Placed	$\sim$	=	$\sim$	1	$\sim$	$\sim$	OR	~
$\sim$	Leveling Order	$\sim$	=	$\sim$	1	$\sim$	$\sim$	OR	~
$\sim$	Leveling Selection	$\sim$	<	$\sim$	1	$\sim$	$\sim$	OR	~
$\sim$	Total Float Leveled	$\sim$	=	$\sim$	1	$\sim$	$\sim$	OR	~
$\sim$	Free Float Leveled	$\sim$	=	$\sim$	1	$\sim$	$\sim$		~



#### Auto filter

Typical Auto filter capabilities on a field-by-field basis

'Extended' filter to limit list of values

In combination with Std. Safran filter/User Filter

Cut Assign Assign	ign Field Packages Schedule Juggler ign Link Fields Date Calculator	Name: Activity Sta Owner: SAFRANSA Users: User	tus v	∑ Limit List ♪ Options →	Save Recent	Name: Pro	er		Coptions - Filters	Insert Delete	🕶 Link 😳 Unlink	主王 Indent Fi 같트 Outdent A Fo	Down	AJ Sort At	to User
Clipboard	Calculation		Layouts	·	· · ·	5	Filt	ers	~		Rows			Editing	-
				• •	•	•	<ul> <li>Planned</li> </ul>	Expen •			- 2022			2023	
Activity ID	No. Description	Activity Status	Count Early Start	Early Finish	Planned %	Actual %	Planned QTY 15 185 0	QTY 6 209 6	Expended QTY Dient	ayout	Q1 Q2	<u>Q3</u>	Q4	Q1	Q2
ED00.4	Clear Filter		04 04 2022	19 10 2022	94.9	78.3	1.440.0	406.2	300.0		_				
- 2 Overdue	C to a la l Char		3 03 06 2022	02 09 2022	100.0	90.0	960.0	0.0	0.0		- ·	*	*		
22-222 FD00-A.30FI.01	Extended Hiter		03.06.20								-				
22-222 FD00-A.00FI.02			08.06.20	🕗 Auto Fil	ter Descripti	on							×		
22-222 FD00-A.00IT.03	Search :		1 22.06.20												
22-222.FD00-A.00LF.00	Select All		1 22.08.20	( Field	d		Operator		Value			And/Or			
22-222.FD00-A.00FI.00	BOM Released		1 22.08.20	Des	scription		Begins		Eng						
22-222.FD00-A.00PO.01	Design Preeze		1 22.08.20		scription		V Degina								
22-222.FD00-A.00BR.00	Engineering - EHY (Hydraulic)		1 22.08.20	Des	scription		<ul> <li>Contains</li> </ul>	$\sim$	EMD						
22-222 FD00-A.00IT.02	Engineering - EMD (Mechanical)		1 05.09.20												
4. Behind Schedule	Engineering - EST (Structural)		1 04.04.20												
22-222 FD00-A.40SE.00	Fabrication Start - Svinders & Accumulator		1 04.04.20												
FE00-A	Free Issued Items Need Date - Gearbox		1 23.09.20												
2. Overdue	Free Issued Items Need Date - Pipehandler		1 23.09.20												
22-222.FE00-A.00FS.00	Here issued tems Need Date - Sylinders & Acc	cumulator	1 23.09.20												
GR00-A	ITP Received - Gearbox		3 08.08.20											/	
4. Behind Schedule	ITP Received - Pipehandler		3 08.08.20												
22-222.GR00-A.40ME.00	ITP Received - Sylinders & Accumulator		1 08.08.20												
22-222.GR00-A.40SE.00			1 08.08.20												
22-222.GR00-A.40HE.00			1 08.08.20												
HA00-A			3 28.03.20											/	
2. Overdue			5 18.07.20	Add	Insert	Delet	e Move Up	Move	a Down	Apply	OK	Cancel			
22-222 HA00-A.00FS.07	Apply OK	Cancel	18.07.20												
22-222 HA00-A.00IT.09			01.08.20												
22-222.HA00-A.00LF.00	305 Design Freeze	2. Overdue	1 08.08.2022	08.07.2022	100.0		0.0		0.0 20 - Er	igineering		**			
22-222 HA00-A.00L2.00	301 Design Review Level 2	2. Overdue	1 08.08.2022	08.07.2022	100.0		0.0		0.0 20 - En	igineering		*			
22-222.HA00-A.00FI.00	402 Free Issued Items Need Date - Sylinders &	2. Overdue	1 08.08.2022	05.08.2022	100.0		0.0		0.0 50 - Fa	brication		•★			
					10.0	00.0	5.040.0	0.045.0	4 740.0						



#### Selected Rows

Pre-select activities for certain operations:

- Assign fields
- Partial Baseline
- Assign Link fields



	7 🖬 -   -													
FILE HOME DATA	VIEW PROJECT REPORTS	ADMIN								-				
🛗 🔏 Cut 📑 📑	Assign Field Packages 💮 Schedule	Juggler 🔊 Nam	ie: Web - Grou	iped by	V 🌾 Limit List	े 🔜 🔺	Nam	ie:	~	👘 🏹 Limit L	ist 🕎	← →	🚥 Link	é≣ In
Paste 🕞 Copy Assign 🗔	Assign Link Fields	ulator & Own	her: SAFRANSA		Options *	Save Recent	& Owr	her:	_	Option	<sup>15</sup> Filters	Insert Delete	C Unlink	- - E O
• Fields E	ID Renumbering	2º Use	rs: User	$\sim$	S Revert	Layout Layout	s - 🍄 User	rs: All Users	~	To Filter I	low		🗹 Autoli	nk
Clipboard	Calculation			1-1-1-1-1	Layouts		5		Filters				Rows	
				202022 Dolan Feb	Mar Apr	May Uun	Jul 1	Aug Seo K	Act Nov	Dec Jar	23 Feb	Mar Apr	May	Ստ Ս
Activity ID	Description	Early Start	Early Finish	25 07 20 02	15 28 13 26 08 21	04 17 30 12	25 08 21	03 16 29 11 24	07 20 02 15	28 11 24 0	6 19 01 14	27 12 25 07 2	0 03 16 2	9 11 24
<ul> <li>Save this Template Project with a 22,000</li> </ul>	a r Small Driling Package No.1	03.Jan.2022	22.Feb.2024											
- 22-222	Top Drive	03.Jan.2022	22.Feb.2024											
22-222.FD00-A.00PK.00	Product kick-off	04.Apr.2022	01.Apr.2022		- 04 An	2022								
22-222.FD00-A.00LL.00	Long Lead Items identified	25.Apr.2022	22.Apr.2022			0.0000								
22-222.FD00-A.00L2.00	Design Review Level 2	03.Jun 2022	02.Jun.2022		Assign Fields						×			
22-222.FD00-A.30FI.01	Items - AC-Motor		29 Aug 2022		Formula :		5	From other user	8 New	Save As	Delete			
22-222.FD00-A.00FI.02	Free Issued Items Need Date - Gearbox	08.Jun.2022	07.Jun.2022		Formula									
22-222.FD00-A.50FA.02	Fabrication gearbox	08.Jun.2022	02.Jun.2023		Actual %						Execute			
22-222 FD00-A 00IT 03	ITP Received - Geathor	22. km 2022	21. Jun 2022		( Expression				) Operator					
22-222.FD00-A.30FI.00	Items - Service Loop, hoses, suspension	syste 08 Aug 2022	20.Feb.2023		45			~		~	Close			
22-222.FD00-A.00DP.02	Design Manual Ready For Submittal to DI	NV 18.0ct 2022	17.0ct.2022											
22-222.FD00-A.00PO.03	PO Placed - Main Frame	20.0ct.2022	19.0ct.2022								Preview			
22-222.FD00-A.00LF.00	Design Freeze	20.0ct.2022	19.0ct.2022											
22-222.FD00-A.00BR.00	BOM Released	20.0ct.2022	19.Oct.2022											
22-222.FD00-A.00FI.00 22-222 FD00-A 50FA 00	Free Issued items rived Date - Pipenandi Eabrication Pinehandler	er 20.00.2022	13.00.2022		Add F	Row Insert	Row	Delete Row Cle	ar All Rows					
22-222.FD00-A.50FA.03	Fabrication Main Frame		10 May 2023		Duration Format:		l Like Calend	lar Calendar Activi	v'e					
22-222.FD00-A.00PO.01	PO Placed - Pipehandler		19.0el.2022							×.				
22-222.FD00-A.00IT.01	ITP Received - Main Frame	03.Nov.2022	02.Nov.2022		Selection	Educ	Numbe	er of activities to be up	dated : 13					
22-222.FD00-A.00IT.02	ITP Received - Pipehandler		02.Nov.2022		Jelected Tomo	Pitter	l otal n	number of activities in p	lan : 253					
22-222.FD00-A.00PO.00	PO Placed - Torque Wrench	21 Nov 2022	18 Nov 2022						Ŧ	21.100.2022		-		
22-222.FD00-K 00FL01	Facilitation Torque Wiench	21.140V-2022	10 Mar. 2023											
FILE HOME DATA	VIEW PROJECT REPORTS ADM	IN 🖧 Risk Warnings		Summary	a 🖪 🖪	45 Annul		Swap	History 📰 Progr	ess Status	%	0	Bertorm	Properties
Calculation T Out Of Sequence	Schedules Risk Perform	Rick Health Cheo	- Aune	Filter Rei	ources Baseline Baselin	Baseline Log	Status	Schedule 🔐 Status	Log	ter Progress	Expended	Revision	Forecast	Propertier
Schedule	Fie Risk		G R	esource Leveling	G B	sseline			Status Update		15	Revision	Forecast	Properties
			Delan	Feb Mar	Apr May Jun	hu hug	Sep Do	ct Nov Dec	Jan Feb	Mar H	or May	Jun Jul	Aug Sec	) Da
Activity ID ID	escription El mail Diffing Package No. 1 03	any Start Early Finis	h 25 07 20	02 115 28 113 2	6 08 21 04 17 30 12	25 08 21 03 16	29 11 24	07 20 02 15 28 11	1 24 06 19 01 1	14 27 112 25	07 20 03 16	29 11 24 07 20	02 15 28	10 23 106
😑 22-222 S	mall Drilling Package 03	Jan 2022 22 Feb 20	24				-		_	-	_		-	_
E FD00-A T	op Drive 04	Apr 2022 22 Feb 20	24 🔂 Pa	artial Baseline - Ch	eck dates								×	
22-222 FD00-A 00FK 00 F	ang Lead tems identified 25	Apr 2022 01. Apr 20 Apr 2022 22. Apr 20	Active	v ID	Description		Baseline IS	Baseline ES Baselin	e EF Baseline LS	Baseline LF	Baseline Qty	Baseline Cost	^	
22-222 FD00-A 00L2 00	lesign Review Level 2	Art 2022 Dillon 20	22-22	2.FD00-A.00DP.02	Design Manual Rear DNV	dy For Submittal to	18.10.22	18.10.22 17.10	22 18.10.22	17.10.22	0			
22-222 FD00-A 30FL01	ema - AC-Motor III		72.22	(Previously) 2 EDD0.4 00I 2 00	Design Review Leve	42	18.10.22	18.10.22 17.10	22 18.10.22	17.10.22	0			
22-222 FD00-A 50FA.02 F	abrication gearbox 08.	Jun 2022 02 Jun 20	23	(Previously)	congritterion con		03.06.22	03.06.22 02.06	22 20.10.22	19.10.22				
22-222 FD00-A 00PO 02 P	O Placed - Gearbox 08	Jun 2022 07 Jun 20	22-22	2.FD00-A.30FI.00	Items - Service Loop	, hoses, suspension	08.08.22	08.08.22 20.02	23 05.01.23	25.08.23	8101.25	8 588 750.0		
22-222 FD00-A 00/T.03	P Received - Gearbox 22			(Previously)	system etc.		08.08.22	08.08.22 20.02	23 05.01.23	25.08.23	8588.75	8 588 750.0		
22-222 FD00-A 30FF 00 8	ens - Service Loop, noses, suspension syste		20-22	(Previously)	PU habed - Apenar	ider	20.10.22	20.10.22 19.10	22 20 10 22	19.10.22				
22-222.FD00-A.00PO.03 P	O Placed - Main Frame 20	Oct 2022 19:Oct 20	22 22-22	2 FD00-A 50FA.00	Fabrication Pipehan	fler	20.10.22	20.10.22 12.06.	23 20.10.22	12.06.23	3000	3 000 000.0		
22-222.FD00-A.00LF.00 D	lesign Freeze 20	Oct 2022 19.Oct 20	22	(Previously)			20.10.22	20.10.22 12.06	23 20.10.22	12.06.23	3000	3 000 000.0		
22-222 FD00-A 008R.00 B	um neeased 20	UCT 2022   T9 Oct 20	22-22	2.HD00-A.50FA.03	Fabrication Main Fra	me	20.10.22	20.10.22 10.05	23 21.12.22	11.08.23	200	200 000.0		
22-222 FD00-A 50FA 00 F	abroation Pipehandler 31		22-22	(FREVIOLIBY) 2.FD00-A.00PO.00	PO Placed - Torque	Wrench	21.11.22	21.11.22 18.11	22 21.12.22	18.11.22	200	200 000.0		
22-222.FD00-A 50FA.03 F	abrication Main Frame 30			(Previously)			21.11.22	21.11.22 18.11	22 21.11.22	18.11.22				
22-222 FD00-A 00PO.01 P 22-222 FD00-A 00IT_01	U Placed - Pipehandler 29. TP Received - Main Frame		22-22	2.FD00-A.00(T.03	ITP Received - Gea	бах	22.06.22	22.06.22 21.06	22 22.06.22	21.06.22	0			
22-222 FD00-A 00/T 02	IP Received - Pipehandler 10		22.22	(Previously) 2 ED00.A 00EL02	Free insued terms N	ed Date - Gearbox	22.06.22	ZZ.06.22 21.06 08.06.22 07.06	22 22.06.22	21.06.22	0			
22-222.FD00-A.00PO.00 P	O Placed - Torque Wrench (71	100 (2022) Thistopy 20	2	(Previously)	The second term in	Co Date Geology	08.06.22	08.06.22 07.06	22 08.06.22	07.06.22				
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🔁 Safran Project - Save this Template Project with a new name - Group



#### **Resource Filters**

Find activities with certain Resources

Limit Quantities/Scope by including only certain Resources in Reports section

<mark>ନ୍ତ</mark> s	sfran Project -	SDP1 - Group View																	
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=	SDP1	Small Drilling Package No.1	559	03.Jan.2022	22.Feb.2024		29 96		Filterr	* • • • • • •									
=	22-222	Small Drilling Package	559	03.Jan.2022	22.Feb.2024		29 96	D	2 millions										
-	FD00-A	Top Drive	437	04.Apr.2022	22.Feb.2024		3 79	D F	iter: Resource	s=Hours (610	(SAFRANSA	V V	From: All Users	~	New	Save As	Rename	D	elete
	22-222	Product Management	437	04.Apr.2022	22.Feb.2024	Hours (610)	10		/ [Bala				0					L A-1/0	<u> </u>
	22-222	Purchasing	437	04.Apr.2022	22.Feb.2024	Hours (610)	35	D	( Field				Operator Exp	ression				/ And/U	-
	22-222	Engineering - EST (Structural)	117	04.Apr.2022	19.0ct.2022	Hours (610)	48	D	- Hesoi	lices		$\vee$	Hou	uns (610)			~		<u> </u>
	22-222	Engineering - EST (Structural) Follow-Up	320	20.Oct 2022	22.Feb.2024	Hours (610)	6												11
	22-222	Engineering - EMD (Mechanical)	200	04.Apr.2022	14.Feb.2023	Hours (610)	80	D											
	22-222	Engineering - EMD (Mechanical) Follow-Up	237	15.Feb.2023	22.Feb.2024	Hours (610)	70	D	Insert Row	Add Row	Delete Rov	v Clear All	Move Up	Move	e Down Ap	dy	OK	Car	icel
	22-222	Engineering - EHY (Hydraulic)	200	04.Apr.2022	14.Feb.2023	Hours (610)	16												
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Note: Properties - Histogram/S-Curve	-		×
Name :     Untitled     Owner: SAFRANSA     ID: 0       Remarks :			
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New Report         Open Report         Save         Save As	ОК	Clos	a



### **Conditional Formatting**

Use filters to control formatting of rows or individual cells at activity/summary level in Barchart editor





### **Conditional Formatting**

Symbols are also highly conditionally formattable...

Filters give you full control over which symbols/properties are visual for which activities and summary levels

List of Symbols may also be filtered







#### Limit List

As number of Layouts, Filters, and Report Configurations increase dropdown lists become longer.

Limit List function makes dropdowns easier to navigate

Green background reminds you that a Layout/Filter Limit List is active

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		34							Member	Project 3	Member Project 3 of Portfolio
		35							Member	Project 4	Member Project 4 of Portfolio
		36							Member	Project 5	Member Project 5 of Portfolio
		38							Member	Project X	Member Project 1 of Portfolio
		39							Member	Project Y	Member Project 2 of Portfolio

🔁 Limit Layout List As	Layouts	ra	Filters	
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#### Filter Groups

Filters may be collected in Groups to simplify use

Each Filter Group is added to the 'Users' dropdown

When a Group is selected the 'Name' dropdown shows only filters in selected Group



#### **User Filter**

When working with large project a User Filter/Global Filter may be applied.

Previously called 'DB Where Clause'

The User Filter will be valid throughout all aspects of Safran.

A green highlight is shown when active

Subsequent Filters or Auto Filters may also be applied



OK Cancel

Apply

User Filter					-		Х
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<ul> <li>Text 6 - High Impact Activities (Text 6)</li> </ul>	🗸 Not Begi 🗸	2		~	~	~	1



Insert Row Add Row Delete Row Clear All Move Up Move Down



#### Activity Search List

The Safran Activity Search List is a highly unique type of filtering capability that allows you to scroll through a list of activities, find a specific one and jump to it.

The Activity Search List is found under **Options** in the Filters area of the **Home** ribbon.

A filter can be applied to the Activity Search List to limit the list to a specific type/set of activities.

If the activity is in a collapsed section of the Barchart Editor, Safran will open the section and set focus on the activity.

If a filter is applied in the Barchart Editor and the activity you try to select is not a part of the selection, you will be warned of this.

#### Safran Project - SDP1 - Group View

Safran Project - SDP1 - Group Vie

	FILE HO	ME DATA	VIEW PROJ	ECT REPOR	TS ADMI	N													
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22-222 FD00-A.00DP.02	Design Manual Heady For	54	0.0	0.0	0.0	0.0	22-222 FD00-/	-A.00PO.01 - PO Pla	aced - Pipehan	der							ו	VC14944	
22-222.FD00-A.00DP.01	DVH Approved		0.0	0.0	0.0	0.0	22-222 FD00-	A 00PO 02 - PO PIZ	aced - Gearbox aced - Main Fra	me									
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22-222 FD00-A.00L2.00	Design Review Level 2		0.0	0.0	0.0	0.0	22-222.GR00-	A.00DC.00 - Delive	my FCA										
22-222.FD00-A.00LF.00	Design Freeze		0.0	0.0	0.0		22-222.GR00-	A.00FI.00 - Free Is:	sued Items Nee	d Date - Casing	Tongs						*:	Cost 2022	
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22-222 FD00-A.30FI.00	Items - Service Loop, hose	s, 06	8 588.8	8 101.3	8 588.8	8 588.8	22-222 GR00-	A.00FS.00 - Fabrics	ation Start - Ro	uchneck				4					
22-222.FD00-A.00IW.00	All items Received at Ware	h	0.0	0.0	0.0	0.0	22-222 GR00-	A.00HO.00 - Hand	over Product -	Project								1	21,765,2923
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22-222.FD00-A.50FA.02	Fabrication gearbox		4 551.8	4 551.8	4 551.8	4 551.8	22-222 GR00-	-A.00IW.00 - All iten	ns Received at	Warehouse				23					
22-222.FD00-A.61IA.03	IAT gearbox		0.0	0.0	0.0	0.0	22-222 GR00-	A.00L2.00 - Design	Review										
22-222.FD00-A.70TR.01	Delivery of all gearbox to A	89	0.0	0.0	0.0	0.0	22-222.GR00-	I-A.00LF.00 - Design	n Freeze - CS 2	2"				4					
22-222 FD00-A.00PO.01	PO Placed - Pipehandler		0.0	0.0	0.0	0.0	22-222.GR00-	I-A.00LF.01 - Design	n Freeze - CS 8	-5/8"							<b>*</b> 1	Cica 2022	
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#### What about Safran Planner/Viewer?

Majority of filtering capabilities are also available in both **Safran Planner** and **Safran Project Viewer**.







#### What about Safran Risk/Risk Manager?

Safran Risk utilizes the same/relevant filtering capabilities within the Scheduling system.

Safran Risk also has its own filtering functionality in some of the risk-oriented modules. These filters are more interactive and are associated with the user-interface.

Safran Risk Manager has numerous text-based filters Some offer interactive look-up capabilities, ie. type one or more characters => DDL box selects relevant condition.

Simple filters may also be created in much the same way as Safran Project ie. build a list of conditions







### New Whitepaper

Comprehensive document on filtering soon available

#### **Still Preliminary**

#### Spotlight on the use of filters in Safran

A comprehensive overview of Filtering capabilities in Safran Project



#### Safran Filters

#### Safran Filtering – when *almost* is not an option





# Thank You.

