

EXAMPLES OF EXCHANGE FILE PROCESSING BY EXFOR-EDITOR 4.02

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□ Set the **TRANS Mode** flag to switch on the regime of EXFOR exchange file processing

TRANS File Edit Processing Tools Help | ENTRY Mode | - TRANS Mode |

Click the <u>TRANS File</u> button on the functional panel or select the <u>New/TRANS File</u> item of the <u>TRANS File</u> menu

	New Exchange File	
TRANS File	Exchange File Name Path: C:\MyProgs\EXFOR\EXFOREditor\	OK
	PRELIM • F • 000 ÷	
	Selected Entries	
TRANS File Edit Processing Tools	Select All Deselect All Add Entries Clear List	
월 Add Entry The	Image: F0417.EXF C:\MyProgs\EXFOR\EXFOREditor\data\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOREditor\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOREditor\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOREDITOR\EXFOREDITOR\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOREDITOR\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOREDITOR\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOREDITOR\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOR\EXFOREDITOR\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOR\EXFOREDITOR\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOREDITOR\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOR\EXFOREDITOR\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOR\EXFOREDITOR\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOREDITOR\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOR\EXFOREDITOR\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOR\EXFOREDITOR\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOR\EXFOREDITOR\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOR\EXFOREDITOR\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOREDITOR\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOR\EXFOREDITOR\ Image: F1257.EXF C:\MyProgs\EXFOR\EXFOR EXFOR\	
Reopen F3 Reopen Cture	Image: F1305.exf C:\MyProgs\EXFOR\EXFOREditor\ Image: C:\Image: C:\	



Ex.1. Create an EXFOR Exchange File:

 Select a file type from drop-down list on the
 Exchange File Name panel as a filename



 Select a Centre Identification Character from dropdown list and input a three-character file identification in edit line for a filename extension.

If necessary,	change	Path t	o save	a new
exchange file).			

Exchange File Name Path: <u>C:\MyProgs\EXFOR\EXFOREdite</u>	or\ 🕥
Path Search C:\MyProgs\EXFOR\EXF	OREditor\data
 C:\ MyProgs EXFOR EXFOREditor ata 	ASI30.doc ASI30.TXT B9Z4ELAS.DAT D0443.txt d0443_dat1.doc d0443_dat2.doc Data_6He+197Au_Kull datafig2.xls Elab.doc F0417.EXF F0417.EXF F0417C.EXF F0417C.EXF F0417C.EXF.err F0972.exf Fig1A.bmp Fig1A.exf Mappe_232U.xls Mo_CS_GNKIM.xls NewExf00 pb202p2f5 VLC
	OK Cancel



- Select the Path Options item in the Tools menu (the Tools menu is available in all working modes of the program)
- □ Edit path strings in the **Directory Sets** window
- \Box Use \ge browse buttons to search paths

	Directory Sets			×
Tools Help ENTRY	Entry Path for Editing:	C:\MyProgs\EXFOR\EXFOREditor		<u>></u>
Path Options Browser	Trans Path for Editing:	C:\MyProgs\EXFOR\EXFOREditor\		<u>></u>
	Entry Path for Trans:	C:\MyProgs\EXFOR\EXFOREditor\data		<u>></u>
			OK	Cancel



□ Compose a list of entries to create a new exchange file using interface elements on the **Selected Entries** panel :







Use this tool panel to edit an exchange file: to copy or cut a selected text into the clipboard, to paste text form the clipboard, to find and replace a sample string in the file, to undo or redo last operations

	🔆 Nu 🛛 Compilation into EXFOR Form	at Version 4 Cr	
	TRANS Edit Processing Tools Help	TRANS Mode	
		👬 搅 🛐 😤 🛷 🖗 🔽 Use 67-80 Columns	
	TRANS File Add Entry	Order Check Checker TRANS Information	
	TRANS File Structure	C.\MYPTOGS\EXFOR\EXFOREditor\PRELIM.FU33	
		Column: 20 Kow: 12 Total: 11312 Insert C:\WyProgs\EXFOR\EXFOREditor\PRELIMI.F099	
Lies this tree	ENTRY C F0417	ENTRY C F0417 20130711 F0417 0	
	SUBENT C F0417001	SUBENT C F0417001 20130711 F0417 1	1
structure to	BIB	BTB 10 29 F0417 1	2
		TITLE Investigation of (3He, 3He) and (3He,t)- reactions F0417 1	3
navigate	ENDSUBENT 36	on 10B, 11B and 13C. F0417 1	4
through a file	SUBENT C F0417002	AUTHOR (F.Nusslin, P.Braun-Munzinger) F0417 1	5
	E BIB	INSTITUTE (2GERMPH) F0417 1	6
		REFERENCE (J,ZP,240,217,1970) F0417 1	7
		SAMPLE The targets were self-supporting foils prepared by F0417 1	8
	ENDDATA	vacuum evaporation of the enriched isotopes. The F0417 1	9
	ENDSUBENT 35	target thicknesses were determined by means of energy F0417 1	10
	SUBENT C F0417003	loss measurements with alpha source and by fitting the F0417 1	11
	ENDBIB	elastic scattering data to optical model calculations. F0417 1	12
	E COMMON	ERR-ANALYS (DATA-ERR) Absolute cross section error F0417 1	13
	E DATA	(ERR-DIG) Data digitizing error F0417 1	14
		FACILITY (VDGT, 2GERMPH) F0417 1	15
		DETECTOR (TELES) 3He particles were detected in semiconductor F0417 1	16
	<i>E</i> <u>BIB</u>	Counter telescopes. F0417 1	17
	ENDBIB	(PLAIE, MAGSP) The tritons were analysed with a magneticro417 1 enectrograph using nuclear emulsion plates F0417 1	10
		MONITOR 1 (13-AL-27 (N A) 11-NA-24 SIG) F0417 1	20
		2 (41-NB-93 (N, 2N) 41-NB-92-M., STG) F0417 1	21
	ENDSUBENT 49	3 (41-NB-91 (N, 2N) 41-NB-90-M, SIG) F0417 1	22
Check the	🖻 🗱 <u>SUBENT I F0417005</u>	4 (41-NB-91 (N, 2N) 41-NB-90-M, SIG) F0417 1	23
		HISTORY (19911225C) F0417 1	24
positions of input		(20130711A) In sub 001 AUTHOR, FACILITY were F0417 1	25
or edit etringe	<u>DATA</u>	corrected, INSTITUTE, error definition were changed, F0417 1	26
		ERR-ANALYS was changed. SAMPLE, DETECTOR were changed. F0417 1	27
according to the	SUBENT L E0417009	In sub 002-004 SF9=EXP in REACTION was deleted, F0417 1	28
		ERR-ANALYS was added. In sub 003, 004 data for F0417 1	29
EXFOR rules		F_IVI=2 00 MeV and F_IVI=2 367 MeV were redigitized F0417 1	20 ¥
		1 12 23 34 45 56 67	



□ Add entries to an exchange file:





□ Delete the selected entry from the exchange file:





□ Edit an entry of the exchange file in the ENTRY mode:





Ex.3. Order EXFOR Exchange File:



Ex.4. Check EXFOR Exchange File with the help of the ZCHEX Program:



VNIIEF

CNPE



Ex.4. Check EXFOR Exchange File with the help of Trans Checker Program:





Ex.5. Support Service Database

C:\MyPr Column: TRANS ENTRY SUBENT BIB	Order Ogs\EXFOR\EXFOREd Row: 1 Total: F099 C F0417 C F0417001 10	Image: Check Checke Check Checke itor\PRELIM.F099- 11311 Insert 20240926 20130711 20130711 29	r TRA		REditor	Clic informa	ck to obtain a table with tion about the current o	n service exchange file
TRANS Information	on 10B, 11B a	and 13C.	ana (one) o	, 10001		Export to:	Click to exp into an exte	ort the table ernal text file
Exchange File Identif	G FIRST AUTHOR	REFERE	Input Date:	26.09.2024	COMMI	Text File	Click to exp	ort the table
F1257 F1305	F.Nusslin I.G.Alekseev G.S.Karapetyan	J,2P,240,217,19 J,PR/C,91,02520 J,PR/C,94,02461	70 0 5,2015 8,2016	Check HISTOF	Y coc			ase file
1 Exchange 2 Input Dat 3 ENTRY F 4 F0417 C 5 F1257 6 6 F1305 F	File Identifica e: 26.09.2024 LAG FIRST AUTH F.Nusslin I.G.Alekse G.S.Karape	ation: F099 HOR Ri J Aex J Atyan J	EFERENCE ,ZP,240,21 ,PR/C,91,0 ,PR/C,94,0	.7,1970 025205,20 024618,20	15 16	COMMENT Check I	I HI: RY code	
			2	- Nor			DateBase_T	RANS.DOC - Word
		F099	26.09.2024	F0417	С	F.Nusslin	J,ZP,240,217,1970	Check HISTORY code
		F099	26.09.2024	F1257		I.G.Alekseev	J,PR/C,91,025205,2015	
			2010512024	12000		olondarapetyan	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	



Ex.6. Input and Edit Data for the STATUS Keyword according to the New EXFOR Rules

Click to open the STATUS keyword window	APRVD - Approved by author APRVD - Approved by author BERMN - Data converted from file of B.Berman COREL - Data correlated with another data set CPX - Data taken from data fi CRCTD - Data corrected by tor CURVE - Data read from a cu CURVE - Data read from a cu CURVE - Data converted from ASTAR file CORDED - Dependent data E L - Data converted from SIL library N RE - Data converted from ACRE files N KD - Authenticity not con N - Data converted from N DADA file	The context of the STATUS keyword window depends on a selected code word
	Input of data tus and actual value source STATUS Spell Check Compress C Dictionary APRVD - App APRVD - App tual value source STATUS (COREL, A0099002) Spell Check Compress Compress C	Search New Code Add to String
STATUS (CURVE,,I.G.Ale)	Subaccession Subaccession Subentry Number (8 characters): A0099002	Search New Code Add to String Add Add to String
Compress Clear Dictionary CURVE - Data read from a curve Author: I.G.Alekseev+ Reference: J,PR/C,91,025205,2015 Data (unpublished)	✓ Search New Code Add to St New Record Figure(s) #:	ring



Ex.6. Input and Edit Data for the STATUS Keyword according to the New EXFOR Rules





Ex.6. Input and Edit Data for the STATUS Keyword according to the New EXFOR Rules

Click to edit or input data for the STATUS keyword in every subentry of the current entry beginning with the second one

ENTRY SUBENTRY-Wizard SUBENTRY SUPPL-INF COMMON DATA A	Iteration Flag C Alteration F	lag I STATUS to Each	n SUBENT	The Author and Reference
Column: 39 Row: 9 Total: 544 Insert C:\MyProgs\EXFOR\EXF F1257.EXF F1305.exf F0417C.EXF	ORI 😸 Add STATUS to E	ach SUBENT with DATA		fields are filled automatically
ENDBIB 27 0	Author: G.S.H	Karapetyan+		
COMMON 2 3	Reference: 1 PR/	C 94 024618 2016		
ERR-2 ERR-3	Reference. pring	0,01,021010,2010		
PER-CENT PER-CENT	SUBENTRY	CODE	#TABLE (FIG	i.)
3. 10.	E1305002		1	
ENDCOMMON 3 0	E1205002		2	Input a table or figure number
ENDSUBENT 34 0	F1305003	TABLE	2	from the source
SUBENI FI305002 201/0110	F1305004	TABLE	4	
REACTION (83-BI-209/5-B-11 X)FLEM/MASS IND SIG)	F1305005	TABLE	4	
STATUS (TABLE) Tb1.1.	F1305006	TABLE	6	
ENDBIB 2 0	F1305007	TABLE	7	Select a code word from a
COMMON 1 3	E1205009		ol	drop-down list
EN	F1303006	TABLE	9	
MEV				
146.0				
ENDCOMMON 3 0		OK Can	cel	
			Click to ins information	sert or replace the STATUS in the subentry
STATUS (TABLE,,G.S.Karapetyan-	,J,PR/C,94,024	618,2016) Table	e 1	
ENDETE 2 0			E1205 2	



Ex.7. Edit Data for the AUTHOR Keyword





Ex.7. Edit Data for the AUTHOR Keyword





THANK YOU FOR YOUR ATTENTION!