Switches to turn off/on several options (JF(1:50)=.true./.false.)

JF(i)	.true.	.false.	standard version
JF(1)	Ne computed	Ne not computed	true
JF(2)	Te, Ti computed	Te, Ti not computed	true
JF(3)	Ne & Ni computed	Ni not computed	true
JF(4)	B0,B1 - Bil-2000	B0,B1 - other models jf(31)	false
JF(5)	foF2 – CCIR	foF2 – URSI	false
JF(6)	Ni: DS-1995 & DY-1985	Ni: RBV-2010 & TBT-2015	false
JF(7)	Ne topside: F10.7>188 ---> F10.7=188	F10.7 not constrained	true
JF(8)	foF2 from model	foF2 or NmF2 user input in OARR(1)	true
JF(9)	hmF2 from model	hmF2 or M3000F2 user input OAAR(2)	true
JF(10)	Te: Standard model	Te: Using Te/Ne correlation	true

Requires user input of Ne(300km), Ne(400km)/m-3 in OARR(15), OARR(16).
Use OARR(i)=-1 if one of these values is not available. If JF(23)=.false. then
use Ne(550km) instead of Ne(400km).

JF(i)	.true.	.false.	standard version
JF(11)	Ne: Standard Profile	Ne: Lay-function formalism	true
JF(12)	Messages to unit 6	Messages to messages.txt on unit 11	true
JF(13)	foF1 from model	foF1 or NmF1 user input in OARR(3)	true
JF(14)	hmF1 from model (only if JF(11)=false)	hmF1 user input in OARR(4)	true
JF(15)	foE from model	foE or NmE user input in OARR(5)	true
JF(16)	hmE from model	hmE user input in OARR(6)	true
JF(17)	Rz12 from file	Rz12 user input in OARR(33)	true
JF(18)	IGRF dip, magbr, modip	FIELDG using POGO68/10 for 1973	true
JF(19)	F1: Scotto1997 probability model	Ducharme1973 probability model	true
JF(20)	F1: Scotto1997 L condition excluded	Scotto-1997 with L condition	true

JF(19,20) = (true,true)   standard   JF(19,20) = (true,false)   with L condition
JF(19,20) = (false,true) old F1   JF(19,20) = (false,false) no F1

JF(i)	.true.	.false.	standard version
JF(21)	ion drift computed	ion drift not computed	true
JF(22)	ion densities in %	ion densities in m-3	true
JF(23)	Te_topside: Bil-1985	Te_topside: TBT-2012	false
JF(24)	D-region: IRI-1990	FT-2001 and DRS-1995	true
JF(25)	F107D from APF107.DAT	F107D user input in OARR(41)	true
JF(26)	foF2 STORM model ON	foF2 STORM model OFF	true
JF(27)	IG12 from IG_RZ.DAT	IG12 user input OARR(39)	true
JF(28)	Ne: spread-F probability computed	spread-F probability not computed	true
JF(29)	Ne topside: IRI-2001	new options as defined by JF(30)	true
JF(30)	Ne topside: IRI-2001 corrected	NeQuick	false

JF(29,30) = (t,t): IRI-2001   JF(29,30) = (f,t): IRI-2001 cor
JF(29,30) = (f,f): NeQuick   JF(29,30) = (t,f): IRI-2001 cor2

JF(i)	.true.	.false.	standard version
JF(31)	B0,B1 ABT-2009	B0 Gulyaeva-1987 h0.5	true

JF(4,31) = (t,t):   Bil-2000   JF(4,31) = (f,t):   ABT-2009
JF(4,31) = (f,f):   Gul-87   JF(4,31) = (t,f):   not used

JF(i)	.true.	.false.	standard version
JF(32)	F10.7_81 from APF107.DAT	F10.7_81 user input OARR(46)	true
JF(33)	Auroral boundary model ON	Auroral boundary model OFF	false
JF(34)	Messages ON	Messages OFF	true

JF(35) foE storm model ON	foE storm model OFF	false
JF(36) hmF2 using foF2 model with STORM off	with foF2-storm on	true
JF(37) topside model using foF2 with STORM off	with foF2-storm on	true
JF(38) turn WRITEs off in IRIFLIP	turn WRITEs on	true
JF(39) hmF2: BSE-1979 model	new hmF2 models	false
JF(40) hmF2: AMTB2013 model	Shubin-2015 model	false
JF(39,40) = (t,t): hmF2-old	JF(39,40) = (f,t) AMTB2013	
JF(39,40) = (f,f) Shubin-2015	JF(39,40) = (t,f) not used	
JF(41) Use COV=F10.7_365	COV=f(IG12) (IRI before Oct 2015)	true
JF(42) Te with PF10.7 dependence	without PF10.7 dependance	true
JF(43) B0 from model	B0 user input in OARR(10)	true
JF(44) B1 from model	B1 user input in OARR(35)	true
JF(45) HNEA=65/80km for day/night	HNEA user input in OARR(89)	true
JF(46) HNEE=2000km (upper boundary)	HNEE user input in OARR(90)	true
JF(47) CGM computation ON	CGM computation OFF	false
JF(48) Ti model Tru-2021	Bil-1981	true
JF(49) free		
JF(50) free		