

ANNEX III

LIST OF PRE-EXISTING SOFTWARE

Only the MSG PGEs 01, 02, 03, 04 and 11 include pre-existing software.

MFL PGE01, 02, 03

The following modules have a METEO-FRANCE copyright:

calreg.f:
calsta.f:
esat.f:
esit.f:
geopotentiel.f:
hrtohs.f:
intplog.f:
intplog1param.f:
intplog2param.f:
intplog3param.f:
tropopause.c (included in mfcms_prep_pge03.c)

SMHI PGE04

The following modules have the Ralf Bennartz, Kansas State University, Lawrence, Kansas, USA copyright:

Convolution routines for AMSU data:
-Backus Gilbert Convolution of AMSU-B to AMSU-A
-Convolution of land/sea mask to AMSU

MFCNRM PGE11

The following modules have a METEO-FRANCE copyright:

pge11_correlation.c: *
pge11_fin_episode.c: *
pge11_seuillage.c: *
pge11_struture.c: *
pge11_correlation.h
pge11_fin_episode.h
pge11_seuillage.h
pge11_struture.h

The following modules have been adapted within the NWC SAF Development Phase agreement from pre-existing software having a METEO-FRANCE copyright:

pge11_arbre.c: *
pge11_caracterisation.c:*
pge11_foudre.c: *
pge11_ini.c: *

pge11_main.c: *
pge11_sorties_fic.c: *
pge11_suivi.c: *
pge11_app_types.h
pge11_arbre.h
pge11_caracterisation.h
pge11_foudre.h
pge11_globals.h
pge11_ini.h
pge11_sorties_fic.h
pge11_suivi.h

In addition, the NWC SAF Software reuses the RTTOV-6 Software as delivered by the SAF on Numerical Weather Prediction (NWP SAF) and the ECMWF EMOSLIB software.