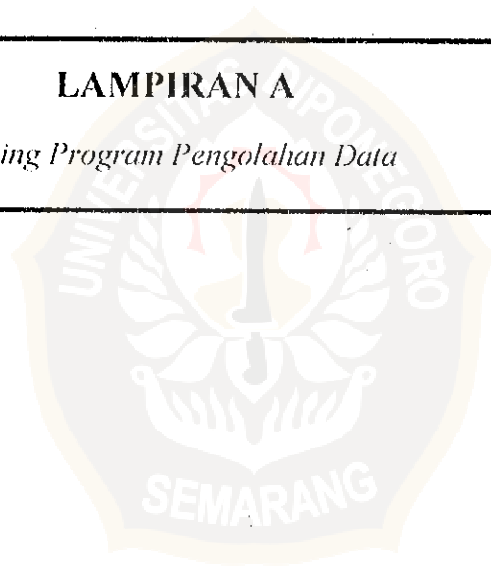


LAMPIRAN A

Listing Program Pengolahan Data



Listing Program Geometri

```

*****
** source file : /proj/3330401/JOBS/PTS166/geo_pts166.xjj      **
** user       : nusantara                                     **
** creator    : xjob 3.3.0                                   **
** date       : Fri Apr 14 09:36:29 2000                    **
**                                                    **
*****
** SKIP_START                                               **
*****
**          COMMENT                                         **
**          1                                               **
**          |                                               **
**          pts166_raw.cst                                  **
**          2                                               **
**          |                                               **
**          SELTR                                           **
**          3                                               **
**          |                                               **
**          LABEL                                           **
**          4                                               **
**          |                                               **
**          EDITE                                           **
**          5                                               **
**          |                                               **
**          MODET                                           **
**          6                                               **
**          |                                               **
**          pts166_ge.cst                                   **
**          7                                               **
*****
** SKIP_END                                               **
*****
**          LISTING GSL                                       **
*****
** GVRAX@ setenv inter_plot yes                             **
** GVRAX@ setenv gvr_stage /stage5/PTS166                  **
** GVRAX@ unsetenv SERVTAPE                                **
** LIST9                                                    **
** /proj/3330401/JOBS/PTS166/pts166.lsc                    **
** LIBRI ED 01                                             **
** LIST9                                                    **
** /proj/3330401/JOBS/PTS166/pts166.lge                    **
** LIBRI GE 01      XS25, XM12.5$

```



```

(PS1-PS10000)=(X1)$
(PT1345-PT1333,I-1)=(X1345,I-1),
(PT1331-PT1065,I-2)=(X1331,I-2)$
(PT1345-PT1333,I-1)=T120((120-61),(60-1)),
(PT1331-PT1065,I-2)=T120((120-61),(60-1))$
(PT1345-PT1333,I-1)=(PS1221,PAS-1),
(PT1331-PT1065,I-2)=(PS1207,PAS-2)$
*****
* DLOOP      1
* RUNET      ++   FILE=local:+
FILE=/stage5/PTS166/pts166_raw.cst
* SELTR      ==   ++   SELEC=MOT2=(7-24),
                (29-47),
                (52-70),
                (75-93),
                (99-108),
                (114-116),
                (118-120),
                (125-143),
                (148-166),
                (171-188),
* LABEL      ==   ==   LGE01,RENUM,
* EDITE      ==   ++   LED01,
* MODET      ==   ++   *MOT4=MOT21,4,DIV,INT,MOT18,PLUS,
                *MOT19=MOT22,
                *MOT64=0,
* WUNET      ==   FILE=local:+
FILE=/stage5/PTS166/pts166_ge.cst
                DISPLAY,
* ENLDP
*****
* PROCS      X(YB1)

```

Listing Program Brute Stack

```

*****
** source file : /proj/3330401/JOBS/PTS166/bstk_KP2.xjj      **
** user       : nusantara                                  **
** creator    : xjob 3.3.0                                **
** date       : Wed May 17 12:11:45 2000                  **
*****
** SKIP_START                                             **
*****
**          COMMENT                                       **
**          1                                             **
**          |                                             **
**          pts166_ge.cst                                 **
**          2                                             **
**          |                                             **
**          SELTR                                         **
**          3                                             **
**          |                                             **
**          EDITE                                         **
**          4                                             **
**          |                                             **
**          SDICO                                         **
**          5                                             **
**          |                                             **
**          FILTR                                         **
**          6                                             **
**          |                                             **
**          DECSC                                         **
**          7                                             **
**          |                                             **
**          QSORT                                         **
**          8                                             **
**          |                                             **
**          HISTA                                         **
**          9                                             **
**          |                                             **
**          FANMO                                         **
**          10                                            **
**          |                                             **
**          DYNQU                                         **
**          11                                            **
**          |                                             **
**          STACK                                         **
**          12                                            **
**          |                                             **
**          bstk_KP2.cst                                  **
**          **

```

```

*****
** SKIP_END **
*****
**          LISTING GSL          **
**                               **
**                               **
*****
** GVRAX@ setenv inter_plot yes
** GVRAX@ setenv gvr_stage /stage5/PTS166
** GVRAX@ unsetenv SERVTAPE
**LIST9
**/proj/3330401/JOBS/PTS166/pts166_dephase.lcn
* LIBRI CN 01
**LIST9
**/proj/3330401/LIBRIS/KP1.lcd
** File generated by Seismic 2.3.2 (26 Oct 98) on Wed May 17 09:42:15
2000
**
** Use 'vi' : mode command to delete lines with **@
** :g/^.@/ d
** User teguh
** Display 128.100.5.54:0.0
** Machine IP27 (sgieln1-f) - IRIX64 6.5
* LIBRI ED 01          WORD2,WORD18,
**LIST9
**/proj/3330401/JOBS/PTS166/mutedec.lmu
* LIBRI MU 01          MOT4,
                      (1-99999)=M150X125,M900X1500,
                      M1400X2500,M1700X3100,M2200X4200,TAP44
**LIST9
**/proj/3330401/JOBS/PTS166/pts166_bs.lvi
* LIBRI VI 01          (1-99999)=T0010V1650,
                      T0134V1741,T0286V1850,T0476V2018,
                      T0660V2171,T0958V2257,T1118V2353,
                      T1388V2454,T1597V2503,T1870V2608,
                      T2247V2704,T2479V2840,T2697V3022,
                      T3055V3219,T4000V3578,
                      VF5500
**LIST9
**/proj/3330401/JOBS/frcgghome/mutenmo.lmu
* LIBRI MU 02          MOT4,
                      (1-99999)=M16X150,M40X200,M140X300,M240X400,
                      M900X1500,M1400X2500,M1700X3100,M2200X4200,TAP64
**LIST9
**/proj/3330401/JOBS/PTS166/LINE166_2lybaru.lst

```

```

* LIBRI ST 01 CS
*****
* DLOOP      1
* RUNET      ++  FILE=local:+
  FILE=/stage4/PTS166/pts166_ge.cst
* SELTR      ==  ++  SELEC=MOT4=(2310-2685),ET,
                MOT4=(2310-2685),
* EDITE      ==  ++  LED01,TAP100,
* SDICO FW AN ==  ++  BNMO,LVI01,
                COEFF9000000,
* FILTR      ==  ++  LCN01,
* DECSC      ==  02  NCDP680,NSP200,NGP345,TIR120,NT24000,
NOFS25,
                XRM3100,
                TRITA,LAR120,
                (W200-W1800,IQ62,F1001),
                (W1500-W3300,IQ62,F1001),LMU01,NOMUTE,NEP,
                DECCDP, YB2,
* ENDLP
*****
* DLOOP      2
* QSORT      ==  03  SELEC=MOT18=(1001-1340),ET,
                MOT11=(7),
                SORT= ONE4, TWO20,NT24000,OC,
                PROCS=YB3,
* ENDLP
*****
* DLOOP      3
* HISTA      ==  ++  LST01,
                CS-1,CP-1,ACC1,
                RS120,120,
* FANMO      ==  ++  LVI01,LMU02,FMAX140,PR100,
* DYNQU SG   ==  ++  M5000,
* STACK      ==  04  LAND,B4,
* ENDLP
*****
* DLOOP      4
* WUNET      ==  FILE=local:+
  FILE=/stage4/PTS166/bstk_KP2.cst
  DISPLAY,
* ENDLP
*****
* PROCS      X(YB1)

```

listing Program Shot Point Display

```

*****
** source file : /proj/3330401/JOBS/PTS166/raw_KP1.xjj      **
** user       : nusantara                                  **
** creator    : xjob 3.3.0                                **
** date       : Fri May 19 09:46:25 2000                  **
*****
** SKIP_START                                           **
*****
**                               COMMENT                  **
**                               1                        **
**                               |                         **
**                               pts166_ge.cst            **
**                               2                        **
**                               |                         **
**                               SELTR                    **
**                               3                        **
**                               |                         **
**                               PLOTX                    **
**                               4                        **
*****
** SKIP_END                                           **
*****
**                               LISTING GSL              **
**                               **                       **
**                               **                       **
*****
** GVRAX@unsetenv SERTAVE
** GVRAX@setenv inter_plot yes
**LIST9
* LIBRI HB 01      1 ELNUSA
                  2 SP DISPLAY RAW
                  3 LINE KP-1
                  5 PROCESSED BY :
                  8 EKA NUSANTARA
                 10 UNIVERSITY OF DIPONEGORO
*****
* DLOOP          1
* RUNET          ++ FILE=local:+
                 FILE=/stage4/PTS166/pts166_ge.cst
* SELTR          == ++ SELEC=MOT2=(1183),
* PLOTX          ==      SIMP,AG,NT2000,RL,LS0,G100,NEX1,OLAP1,
                  IPS3.75, TP116,
                  PLOTTER=BW24,

```

TOP(G100),
LHB01,MOT2,MOT18,

* ENDLP

* PROCS X(YB1)

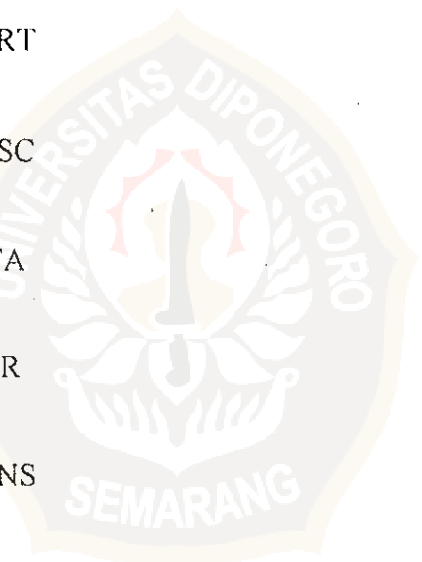


Listing Program Anvit

```

*****
** source file : /proj/1006405/JOBS/kp1anv.xjj                **
** user       : nusantara                                    **
** creator    : xjob 3.2.4                                  **
** date       : Tue May 30 16:05:12 2000                    **
*****
** SKIP_START                                             **
*****
** COMMENT                                               **
** 1                                                    **
** |                                                    **
** pts166_ge.cst                                         **
** 2                                                    **
** |                                                    **
** SDICO                                                 **
** 3                                                    **
** |                                                    **
** QSORT                                                 **
** 4                                                    **
** |                                                    **
** DECSC                                                 **
** 5                                                    **
** |                                                    **
** HISTA                                                 **
** 6                                                    **
** |                                                    **
** FILTR                                                 **
** 7                                                    **
** |                                                    **
** TRANS                                                 **
** 8                                                    **
** |                                                    **
** MUTES                                                 **
** 9                                                    **
** |                                                    **
** DYNQU                                                 **
** 10                                                   **
** |                                                    **
** MODET                                                 **
** 11                                                   **
** |                                                    **
** ANVIT-----1                                         **
** 12 |                                                    **
** |                                                    **
** anvkpl.velcom                                         **

```



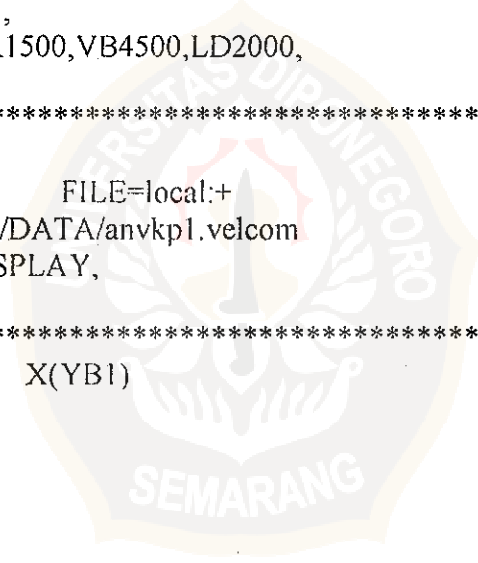
```

*****
** SKIP_END **
*****
** LISTING GSL **
*****
** GVRAX@ setenv inter_plot yes
** GVRAX@ setenv gvr_stage /stage5/PTS166
** GVRAX@ unsetenv SERVTAPE
* LIBRI VI 01 (1-99999)=T0010V1650,
T0134V1741,T0286V1850,T0476V2018,
T0660V2171,T0958V2257,T1118V2353,
T1388V2454,T1597V2503,T1870V2608,
T2247V2704,T2479V2840,T2697V3022,
T3055V3219,T4000V3578,
VF5500
* LIBRI MU 01 MOT4,
(1-99999)=M150X125,M900X1500,
M1400X2500,M1700X3100,M2200X4200,TAP44
* LIBRI MU 02 MOT4,
(1-99999)=M0X200,M060X300,M160X400,
M850X1500,M1400X2500,M1700X3100,M2200X4200,TAP64
* LIBRI MU 03 MOT4,
(1-99999)=M16X150,M40X200,M140X300,M240X400,
M900X1500,M1400X2500,M1700X3100,M2200X4200,TAP64
* LIBRI CN 01 SI2,L300,
LPASS(96,126),
* LIBRI ST 01
*****
* DLOOP 1
* RUNET ++ FILE=local:+
FILE=/stage1/KP/pts166_ge.cst
* SDICO FW == ++ BNMO,LVI01,
COEFF9000000,
* QSORT == 02 SELEC=MOT18=(1001-1340),ET,
SORT= ONE4, TWO18,NT22000,OC,
PROCS=YB2,
* ENDLP
*****
* DLOOP 2
* DECSC == 03 NCDP690,NSP160,NGP420,TIR120,NT22000,
NOFS30,
XRM3100,
(W200-W1800,IQ62,F1001),
(W1500-W3300,IQ62,F1001),LMU01,

```

TRITA,LAR120,NEP,
NITER3, OFS1,SP2,SIS3,CDP4, DECSM, DECSIS,
DECSP, DECOFS,
PLOT0,YB3,

```
* ENDLP
*****
* DLOOP      3
* HISTA      ==  ++  LST01,ACCI,
* FILTR      ==  ++  LCN01,
* TRANS 4    ==  ++
* MUTES EX   ==  ++  LMU03,
* DYNQU      ==  ++  LI000,
* MODET      ==  ++  *MOT19=166,
* ANVIT VC   ==  ++  LVI01,LMU02,
                PAS25,OT1,NM21,NMU3,
                XRM3100,DDT24,A2.0,YMX35,
                (2120-
2660,I40,G21),IMOT4=VELCOM,OS1=04,BX4,VLAW7,
                IL1,
                VA1500,VB4500,LD2000,
* ENDLP
*****
* DLOOP      4
* WUNET      ==      FILE=local:+
                FILE=/proj/1006405/DATA/anvkp1.velcom
                DISPLAY,
* ENDLP
*****
* PROCS      X(YB1)
```



Listing Program Analisis Kecepatan & residual statik 1

```

*****
*****
** source file : /proj/3330401/JOBS/PTS166/v1s1KP1.xjj          **
** user       : nusantara                                     **
** creator    : xjob 3.3.0                                   **
** date       : Sat May 20 11:43:57 2000                    **
*****
** SKIP_START                                             **
*****
**              COMMENT                                     **
**              1                                         **
**              |                                         **
**              pts166_ge.cst                             **
**              2                                         **
**              |                                         **
**              EDITE                                     **
**              3                                         **
**              |                                         **
**              SDICO                                     **
**              4                                         **
**              |                                         **
**              FILTR                                     **
**              5                                         **
**              |                                         **
**              DECSC                                     **
**              6                                         **
**              |                                         **
**              QSORT                                     **
**              7                                         **
**              |                                         **
**              HISTA                                     **
**              8                                         **
**              |                                         **
**              HISTA                                     **
**              9                                         **
**              |                                         **
**              FANMO                                     **
**              10                                        **
**              |                                         **
**              DYNQU                                     **
**              11                                        **
**              |                                         **
**              STACK                                     **

```

```

**              12              **
**              |              **
**          v1s1_KP1.cst          **
**              13              **
*****
** SKIP_END                      **
*****
**          LISTING GSL          **
*****
** GVRAX@ setenv inter_plot yes
** GVRAX@ setenv gvr_stage /stage5/PTS166
** GVRAX@ unsetenv SERVTAPE
**LIST9
**/proj/3330401/LIBRIS/pts166_dephase.lcn
* LIBRI CN 01
**LIST9
**/proj/3330401/LIBRIS/KP1.led
** File generated by Seismic 2.3.2 (26 Oct 98) on Wed May 17 09:42:15
2000
**
** Use 'vi' : mode command to delete lines with **@
** :g/^..@/ d
** User teguh
** Display 128.100.5.54:0.0
** Machine IP27 (sgieln1-f) - IRIX64 6.5
* LIBRI ED 01          WORD2,WORD18,
**LIST9
**/proj/3330401/LIBRIS/mutedec.lmu
* LIBRI MU 01          MOT4,
(1-99999)=M150X125,M900X1500,
M1400X2500,M1700X3100,M2200X4200,TAP44
**LIST9
**/proj/3330401/LIBRIS/pts166_bs.lvi
* LIBRI VI 01          (1-99999)=T0010V1650,
T0134V1741,T0286V1850,T0476V2018,
T0660V2171,T0958V2257,T1118V2353,
T1388V2454,T1597V2503,T1870V2608,
T2247V2704,T2479V2840,T2697V3022,
T3055V3219,T4000V3578,
VF5500
**LIST9
**/proj/3330401/LIBRIS/S1.lst
* LIBRI ST 01 CS      T      S12.00,D      1001,
**LIST9
**/proj/3330401/LIBRIS/eka_v1.lvi
* LIBRI VI 02

```

```

**LIST9
**/proj/3330401/JOBS/frcgghome/mutenmo.lmu
* LIBRI MU 02      MOT4,
                   (1-99999)=M16X150,M40X200,M140X300,M240X400,

M900X1500,M1400X2500,M1700X3100,M2200X4200,TAP64.
**LIST9
**/proj/3330401/LIBRIS/LINE166_2lybaru.lst
* LIBRI ST 02 CS

*****
* DLOOP          1
* RUNET          ++  FILE=local:+
FILE=/stage4/PTS166/pts166_ge.cst
* EDITE          ==  ++  LED01,TAP100,
* SDICO FW AN ==  ++  BNMO,LV101,
                   COEFF9000000,
* FILTR          ==  ++  LCN01,
* DECSC          ==  02  NCDP680,NSP200,NGP345,TIR120,NT24000,
NOFS25,
                   XRM3100,
                   TRITA,LAR120,
                   (W200-W1800,IQ62,F1001),
                   (W1500-W3300,IQ62,F1001),LMU01,NOMUTE,NEP,
                   DECCDP, YB2,
* ENDLP
*****
* DLOOP          2
* QSORT          ==  03  SELEC=MOT18=(1001-1340),ET,
                   MOT11=(7),
                   SORT= ONE4, TWO20,NT24000,OC,
                   PROCS=YB3,
* ENDLP
*****
* DLOOP          3
* HISTA          ==  ++  LST02,
                   CS-1,CP-1,ACC1,
                   RS120,120,
* HISTA          ==  ++  LST01,ACC1,
* FANMO          ==  ++  LV102,LMU02,FMAX140,PR100,
* DYNQU          ==  ++  L1000,LMU01,M5000,
* STACK          ==  04  LAND,B4,
* ENDLP
*****
* DLOOP          4

```

```
* WUNET == FILE=local:+  
FILE=/stage4/PTS166/v1s1_KP1.cst  
DISPLAY,  
* ENDLP  
*****  
* PROCS X(YB1)
```



Listing Program Analisis Kecepatan & Residual Statik

```
*****
** source file : /proj/3330401/JOBS/v2s1KP1.xjj          **
** user       : nusantara                               **
** creator    : xjob 3.3.0                             **
** date       : Sat May 20 13:02:42 2000              **
**                                                    **
**                                                    **
*****
** SKIP_START                                          **
*****
** COMMENT                                            **
** 1                                                    **
** |                                                    **
** pts166_ge.cst                                     **
** 2                                                    **
** |                                                    **
** EDITE                                             **
** 3                                                    **
** |                                                    **
** SDICO                                             **
** 4                                                    **
** |                                                    **
** FILTR                                            **
** 5                                                    **
** |                                                    **
** DECSC                                           **
** 6                                                    **
** |                                                    **
** QSORT                                           **
** 7                                                    **
** |                                                    **
** HISTA                                           **
** 8                                                    **
** |                                                    **
** HISTA                                           **
** 9                                                    **
** |                                                    **
** FANMO                                           **
** 10                                               **
** |                                                    **
** DYNQU                                           **
** 11                                               **
** |                                                    **
** |                                                    **
```

```

**                               STACK                               **
**                               12                               **
**                               |                               **
**                               v2sl_KP1.cst                     **
**                               13                               **
**                               **                               **
*****
** SKIP_END                                                         **
*****
**                               LISTING GSL                       **
*****
** GVRAX@ setenv inter_plot yes
** GVRAX@ setenv gvr_stage /stage5/PTS166
** GVRAX@ unsetenv SERVTAPE
** LIST9
** /proj/3330401/LIBRIS/pts166_dephase.lcn
* LIBRI CN 01
** LIST9
** /proj/3330401/LIBRIS/KP1.led
** File generated by Seismic 2.3.2 (26 Oct 98) on Wed May 17 09:42:15
2000
**
** Use 'vi' : mode command to delete lines with **@
** :g/^..@/ d
** User teguh
** Display 128.100.5.54:0.0
** Machine IP27 (sgieln1-f) - IRIX64 6.5
* LIBRI ED 01          WORD2,WORD18,
** LIST9
** /proj/3330401/LIBRIS/mutedec.lmu
* LIBRI MU 01          MOT4,
                      (1-99999)=M150X125,M900X1500,
                      M1400X2500,M1700X3100,M2200X4200,TAP44
** LIST9
** /proj/3330401/LIBRIS/pts166_bs.lvi
* LIBRI VI 01          (1-99999)=T0010V1650,
                      T0134V1741,T0286V1850,T0476V2018,
                      T0660V2171,T0958V2257,T1118V2353,
                      T1388V2454,T1597V2503,T1870V2608,
                      T2247V2704,T2479V2840,T2697V3022,
                      T3055V3219,T4000V3578,
                      VF5500
** LIST9
** /proj/3330401/LIBRIS/S1.lst
* LIBRI ST 01 CS      T      SI2.00,D      1001,

```

```

**LIST9
**/proj/3330401/LIBRIS/v2-KP1.lvi
* LIBRI VI 02

**LIST9
**/proj/3330401/JOBS/frcgghome/mutenmo.lmu
* LIBRI MU 02      MOT4,
                   (1-99999)=M16X150,M40X200,M140X300,M240X400,
M900X1500,M1400X2500,M1700X3100,M2200X4200,TAP64
**LIST9
**/proj/3330401/LIBRIS/LINE166_2lybaru.lst
* LIBRI ST 02 CS
*****
* DLOOP          1
* RUNET          ++  FILE=local:+
                  FILE=/stage4/PTS166/pts166_ge.cst
* EDITE          ==  ++  LED01,TAP100,
* SDICO FW AN ==  ++  BNMO,LV101,
                  COEFF9000000,
* FILTR          ==  ++  LCN01,
* DECSC          ==  02  NCDP680,NSP200,NGP345,TIR120,NT24000,
NOFS25,
                  XRM3100,
                  TRITA,LAR120,
                  (W200-W1800,IQ62,F1001),
                  (W1500-W3300,IQ62,F1001),LMU01,NOMUTE,NEP,
                  DECCDP, YB2,
* ENDLP
*****
* DLOOP          2
* QSORT          ==  03  SELEC=MOT18=(1001-1340),ET,
                  MOT11=(7),
                  SORT= ONE4, TWO20,NT24000,OC,
                  PROCS=YB3,
* ENDLP
*****
* DLOOP          3
* HISTA          ==  ++  LST02,
                  CS-1,CP-1,ACC1,
                  RS120,120,
* HISTA          ==  ++  LST01,ACC1,
* FANMO          ==  ++  LV102,LMU02,FMAX140,PR100,
* DYNQU          ==  ++  L1000,LMU01,M5000,
* STACK          ==  04  LAND,B4,

```

```
* ENLDP
*****
* DLOOP      4
* WUNET      ==      FILE=local:
FILE=/stage4/PTS166/v2s1_KP1.cst
      DISPLAY,
* ENLDP
*****
* PROCS      X(YB1)
```



Listing Program DMO

```
*****
** source file : /proj/1006405/JOBS/EKA/KP-DMO.xjj          **
** user       : nusantara                                **
** creator    : xjob 3.2.4                               **
** date       : Mon May 29 15:36:34 2000                 **
*****
** SKIP_START                                           **
*****
**              COMMENT                                  **
**              1                                       **
**              |                                       **
**              pts166_ge.cst                             **
**              2                                       **
**              |                                       **
**              EDITE                                     **
**              3                                       **
**              |                                       **
**              SDICO                                    **
**              4                                       **
**              |                                       **
**              FILTR                                    **
**              5                                       **
**              |                                       **
**              DECSC                                    **
**              6                                       **
**              |                                       **
**              QSORT                                    **
**              7                                       **
**              |                                       **
**              HISTA                                    **
**              8                                       **
**              |                                       **
**              HISTA                                    **
**              9                                       **
**              |                                       **
**              FANMO                                    **
**              10                                      **
**              |                                       **
**              MODET                                    **
**              11                                      **
**              |                                       **
**              QSORT                                    **
**              12                                      **
**              |                                       **
**              DMSTK                                    **
```


* LIBRI MU 02 MOT4,
(1-99999)=M16X150,M40X200,M140X300,M240X400,

M900X1500,M1400X2500,M1700X3100,M2200X4200,TAP64

* LIBRI ST 01 CS T SI2.00,D 1001,

* LIBRI ST 02 CS D 1001, -13,

* DLOOP 1
* RUNET ++ FILE=local:+
FILE=/stage1/KP/pts166_ge.cst
* EDITE == ++ TAP100,LED01,
* SDICO FW == ++ BNMO,LVI01,
COEFF9000000,
* FILTR == ++ LCN01,
* DECSC == 02
MULTI,NCDP680,NSP200,NGP345,TIR120,NT24000,
NOFS25,XRM3100,
(W200-W1800,L120,F1001),
(W1500-W3300,L120,F1001),LMU01,NOMUTE,
NITER3, OFS1,SP2,SIS3,CDP4, YB2,

* ENDLP

* DLOOP 2
* QSORT == 03 SELEC=MOT18=(1001-1340),
SORT= ONE4, TWO20,NT24000,OC,
PROCS=YB3,

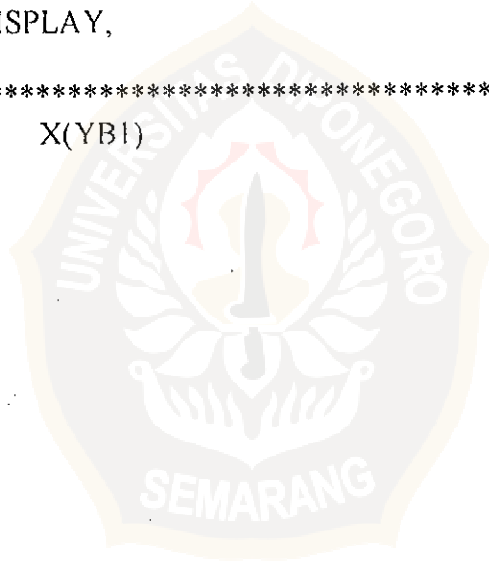
* ENDLP

* DLOOP 3
* HISTA == ++ LST02,
CS-1,CP-1,ACC1,
RS120,120,
* HISTA == ++ LST01,ACC1,
* FANMO == ++ LVI02,LMU02,FMAX140,PR100,
* MODET == ++
* MOT20=MOT20,112.5,MIN,100,DIV,INT,100,MULT,137.5,PLUS
* MOT19=166
* QSORT == 04 SELEC=MOT11=(7),
SORT= ONE20, TWO4,NT200000,YTWO,OC,
PROCS=YB4,

* ENDLP

* DLOOP 4
* DMSTK == 05 DIPMAX0.7,LMU02,NOALIAS,

```
YMX40,DCDP12.5,XRM3300,MOT20,
N100,INVAL,B5,
* ENDLP
*****
* DLOOP      5
* QSORT      == 06 SELEC=MOT18=(1001-1340),
              SORT= ONE4, TWO20,NT24000,OC,
              PROCS=YB6,
* ENDLP
*****
* DLOOP      6
* DYNQU      == ++ L1000,LMU01,M5000,
* STACK      == 07 LAND,N=100,YMX200,B7,
* ENDLP
*****
* DLOOP      7
* WUNET      == FILE=local:+
              FILE=/proj/1006405/DATA/dwiKP-DMO.cst
              DISPLAY,
* ENDLP
*****
* PROCS      X(YB1)
```



Listing Program Migrasi

```

*****
*****
** source file : /proj/1006405/JOBS/EKA/fxmig2-KP1.xjj          **
** user       : nusantara                                     **
** creator    : xjob 3.2.4                                   **
** date       : Mon May 29 16:37:58 2000                    **
*****
** SKIP_START                                             **
*****
**
**          COMMENT                                         **
**          |                                               **
**          |                                               **
**          | dwiKP-DMO.cst                                 **
**          |                                               **
**          | 2                                             **
**          | |                                             **
**          | FXMIG                                         **
**          | 3                                             **
**          | |                                             **
**          | QSORT                                         **
**          | 4                                             **
**          | |                                             **
**          | fxmig2-KP1.cst                               **
**          | 5                                             **
**          | |                                             **
*****
** SKIP_END                                             **
*****
**          LISTING GSL                                     **
**          |                                               **
**          |                                               **
*****
** GVRAX@ setenv inter_plot yes
** GVRAX@ setenv gvr_stage /stage1/KP
** GVRAX@ unsetenv SERVTAPE
* LIBRI VI 01

*****
* DLOOP          1
* RUNET          ++  FILE=local:+
  FILE=/proj/1006405/DATA/dwiKP-DMO.cst
* FXMIG          ==  02  NT700,TAU24,
                   E12.5,LVI01,FMIN8,FMAX140,
                   IMOT4=1,MAX1500,MAG200,B2,
* ENDLP

```

```
*****
* DLOOP      2
* QSORT     == 03  SELEC=MOT11=(7),
              SORT= ONE4, TWO9,NT900,OC,
              PROCS=YB3,
* ENDLP
*****
* DLOOP      3
* WUNET     ==      FILE=local:+
              FILE=/proj/1006405/DATA/fxmig2-KP1.cst
              DISPLAY,
* ENDLP
*****
* PROCS      X(YB1)
```



Listing Program Model Sinklin

```

*****
*****
** GVRQUEUE callas
** TEST FDMODSGO
** TESTED MODULE : FDMOD
** OPTION : ALL
** USED MODULES : LIBMD,LIBHB,LISTE,PLOTX
** PROGRAM LIBRARY : LV9626
** LIST9
* LIBRI MD 01          ND3,PAS6,NX367,
                      PLOT,SURVEY=SYNCLINE,EX100,EZ100,GD,
H1(X0,Z0,
      X2196,Z0,
  VP1800-0
      VP1800-2196,
  D2000-0,
      D2000-2196),
H2(X0,2500,
      X500,Z500
      X501,Z500,
      X1000,Z1000,
      X1600,Z500,
      X1601,Z500
      X2196,Z500
  VP2400-0,
      VP2400-500,
      VP2400-500,
      VP2400-1000,
      VP2400-1600,
      VP2400-1600,
      VP2400-2196,
  D2500-0,
      D2500-500,
      D2500-500,
      D2500-1000,
      D2500-1600,
      D2500-1600,
      D2500-2196),
H3(X0,Z800
      X2196,Z800,
  VP3000-0
      VP3000-2196,
  D3000-0
      D3000-2196.),

```

```
*****
DLOOP      1
* FDMOD    02  LMDO1
             XS300,STEEPD40,NSH1,ZS30.,
             F30,AT-1.,AS0.,
             HD,SYM,E20,XPM0,XRM1104,
             DEPTHD10.,LGEO0.,
             DX6.,NX367,ZSTOP3000,TSTEP1.,
             TSTOP2000,S12,B2,
* ENDLP
*****
* DLOOP    2
* WUNET    FILE=local:+
           FILE=/stage1/DATEU/lsyncline.cst
           DISPLAY,
* ENDLP
*****
* PROCS    X(YB1)
```



Listing Program Model Brute stack Sinklin

```

*****
** source file : /proj/stage1/JOBS/bstk_sinklin.xjj
** user       : nusantara
** creator    : xjob 3.3.0
** date      : Wed May 17 12:11:45 2000
*****
** SKIP_START
*****
**          COMMENT
**          1
**          |
**          |syncline.cst
**          2
**          |
**          |SELTR
**          3
**          |
**          |QSORT
**          8
**          |
**          |STACK
**          12
**          |
**          |bstk_syncline.cst
**          13
*****
** SKIP_END
*****
** GVRAX@ setenv inter_plot yes
** GVRAX@ setenv gvr_stage /stage1/DATEU
** GVRAX@ unsetenv SERVTAPE
** LIST9
*****
** DLOOP      1
** RUNET      ++  FILE=local:+
**            FILE= /stage1/DATEU/lsyncline.cst
** SELTR      ==  ++  SELEC=MOT4=(16-196),ET,
**            MOT4=(16-196),
** ENDLP
*****
** DLOOP      2
** QSORT      ==  03  SELEC=MOT18=(0-1),ET,
**            MOT11=(7),

```

```
                SORT= ONE4, TWO20,NT367,OC,  
                PROCS=YB3,  
* ENDLP  
*****  
* DLOOP      3  
* STACK    == 04  LAND,B4,  
* ENDLP  
*****  
* DLOOP      4  
* WUNET     ==      FILE=local:+  
            FILE= /stage1/DATEU/bstk_syncline.cst  
            DISPLAY,  
* ENDLP  
*****  
* PROCS      X(YB1)
```



Listing Program Migrasi Model Sinklin

```

*****
** source file : /proj/stage1/JOBS/fxmig_sinklin.xjj
** user       : nusantara
** creator    : xjob 3.2.4
** date      : Mon May 29 16:37:58 2000
** SKIP_START
*****
**
**          COMMENT
**          1
**          |
**          bstk_syncline.cst
**          2
**          |
**          FXMIG
**          3
**          |
**          QSORT
**          4
**          |
**          fxmig-syncline.cst
**          5
*****
** SKIP_END
*****
** GVRAX@ setenv inter_plot yes
** GVRAX@ setenv gvr_stage /stage1/fxmig_syncline
** GVRAX@ unsetenv SERVTAPE
** LIBRI MD 01
*****
* DLOOP      1
* RUNET      ++   FILE=local:+
  FILE=/stage1/DATEU/bstk_syncline.cst
* FXMIG      ==   02   NT700,TAU24,
  E12.5,LMD01,FMIN8,FMAX140,
  IMOT4=1,MAX1500,MAG200,B2,
* ENDLP
*****
* DLOOP      2
* QSORT      ==   03   SELEC=MOT11=(7),
  SORT= ONE4, TWO9,NT367,OC,
  PROCS=YB3,
* ENDLP
*****
* DLOOP      3
* WUNET      ==           FILE=local:+

```

```
FILE=/stage1/DATEU/fxmig_syncline.cst  
DISPLAY,
```

```
* ENDLP
```

```
*****
```

```
* PROCS X(YB1)
```



Trace Editing Berdasarkan Observer Report

* LIBRI ED 01 MOT2,MOT17,
 (1065),(61-120),F0.,
 (1067),(63-120),F0.,
 (1069),(65-120),F0.,
 (1071),(67-120),F0.,
 (1073),(69-120),F0.,
 (1075),(71-120),F0.,
 (1077),(73-120),F0.,
 (1079),(75-120),F0.,
 (1081),(77-120),F0.,
 (1083),(79-120),F0.,
 (1085),(81-120),F0.,
 (1087),(83-120),F0.,
 (1089),(85-120),F0.,
 (1091),(87-120),F0.,
 (1093),(89-120),F0.,
 (1095),(91-120),F0.,
 (1097),(93-120),F0.,
 (1099),(95-120),F0.,
 (1101),(97-120),F0.,
 (1103),(99-120),F0.,
 (1105),(101-120),F0.,
 (1107),(103-120),F0.,
 (1109),(105-120),F0.,
 (1111),(107-120),F0.,
 (1113),(109-120),F0.,
 (1115),(111-120),F0.,
 (1117),(113-120),F0.,
 (1119),(115-120),F0.,
 (1121),(117-120),F0.,
 (1123),(119-120),F0.,
 (1143),(69,70,107,108),F0.,
 (1147),(70,71,110,111),F0.,
 (1181),(52,53,54),F0.,
 (1185),(52,53,54,63,64),F0.,
 (1189),(78,79,113,120),F0.,
 (1191),(116),F0.,
 (1193),(118),F0.,
 (1195),(120),F0.,
 (1189),(78,79,113,120),F0.,
 (1209),(20-22),F0.,
 (1211),(105-107),F0.,
 (1255),(27-28,90-91),F0.,
 (1279),(119,120),F0.,

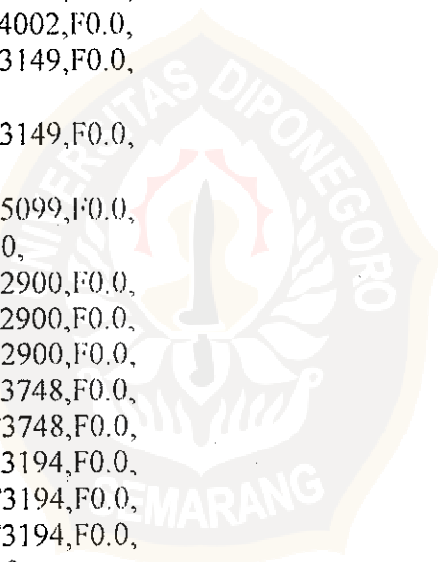
(1293),(111,112,117,118),F0.,
(1295),(111-113),F0.,
(1338),(51,93-94),F0.,
(1343),(54-55,112-113),F0.,



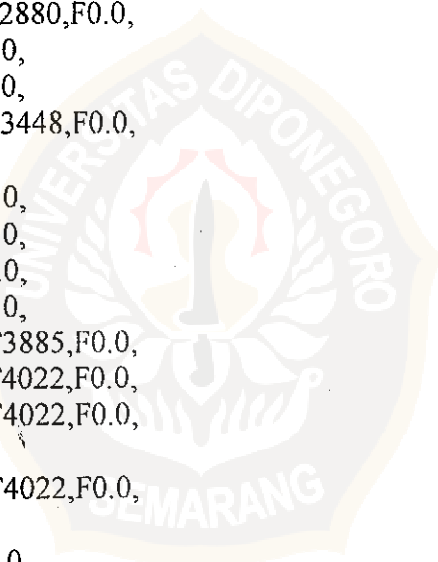
Trace Editing Berdasarkan Raw Record

* LIBRI ED 01 WORD2,WORD18,
 (1069),(1043),F0.0,
 (1069),(1064),F0.0,
 (1073),(1034),T4154-T4551,F0.0,
 (1073),(1035),T4154-T4551,F0.0,
 (1083),(1061-1062),F0.0,
 (1087),(1066-1067),F0.0,
 (1093),(1063-1065),F0.0,
 (1093),(1085-1087),F0.0,
 (1095),(1062),T2636-T3022,F0.0,
 (1095),(1063),T2636-T3022,F0.0,
 (1107),(1060),T3260-T3829,F0.0,
 (1107),(1061),T3260-T3829,F0.0,
 (1113),(1040),T4226-T5013,F0.0,
 (1113),(1041),T4226-T5013,F0.0,
 (1123),(1065),T1747-T3509,F0.0,
 (1123),(1066),T1747-T4647,F0.0,
 (1139),(1034),T4215-T4891,F0.0,
 (1139),(1035),T4215-T4891,F0.0,
 (1139),(1105),T3956-T5109,F0.0,
 (1139),(1106),T3956-T5109,F0.0,
 (1139),(1107),T3956-T5109,F0.0,
 (1139),(1128),T4180-T5120,F0.0,
 (1139),(1129),T4180-T5120,F0.0,
 (1143),(1068),F0.0,
 (1149),(1136),T4170-T4794,F0.0,
 (1149),(1137),T4170-T4794,F0.0,
 (1151),(1076),T2707-T3037,F0.0,
 (1151),(1077),T2707-T3037,F0.0,
 (1155),(1080),T3169-T3941,F0.0,
 (1155),(1081),T3169-T3941,F0.0,
 (1155),(1107),T2951-T3926,F0.0,
 (1155),(1108),T2951-T4896,F0.0,
 (1155),(1109),T2951-T4896,F0.0,
 (1159),(1044-1045),F0.0,
 (1163),(1045),T3149-T4723,F0.0,
 (1163),(1046),T3149-T4723,F0.0,
 (1163),(1047),T3149-T4723,F0.0,
 (1167),(1091),T2920-T3906,F0.0,
 (1167),(1092),T2920-T3906,F0.0,
 (1167),(1093),T2920-T3906,F0.0,
 (1169),(1104),T4266-T4825,F0.0,
 (1169),(1105),T4266-T4825,F0.0,
 (1171),(1051),T4485-T5130,F0.0,

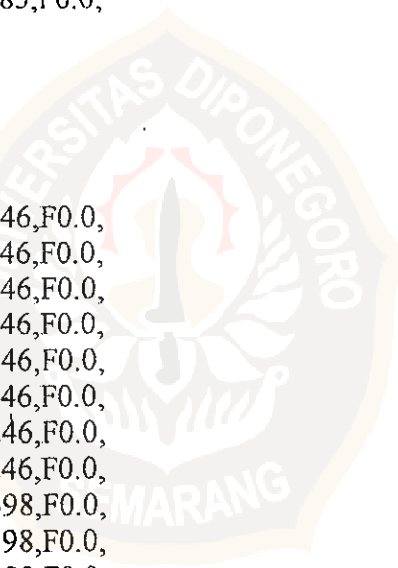
(1171),(1052),T4485-T5130,F0.0,
(1171),(1053),T4485-T5130,F0.0,
(1173),(1081-1082),F0.0,
(1181),(1122),F0.0,
(1195),(1087),T4495-T4952,F0.0,
(1195),(1088),T4495-T4952,F0.0,
(1195),(1089),T4495-T4952,F0.0,
(1197),(1076-1077),F0.0,
(1199),(1148),T1869-T2712,F0.0,
(1199),(1149),T1869-T2712,F0.0,
(1201),(1148-1149),F0.0,
(1205),(1122),T4266-T5130,F0.0,
(1205),(1123),T4266-T5130,F0.0,
(1205),(1124),T4266-T5130,F0.0,
(1205),(1125),T4266-T5130,F0.0,
(1205),(1128),T3443-T4002,F0.0,
(1205),(1129),T3443-T4002,F0.0,
(1205),(1130),T3443-T4002,F0.0,
(1205),(1131),T3443-T4002,F0.0,
(1205),(1137),T2331-T3149,F0.0,
T3499-T5099,F0.0,
(1205),(1138),T2331-T3149,F0.0,
T3499-T5099,F0.0,
(1205),(1139),T3499-T5099,F0.0,
(1207),(1115-1117),F0.0,
(1209),(1147),T2250-T2900,F0.0,
(1209),(1148),T2250-T2900,F0.0,
(1209),(1149),T2250-T2900,F0.0,
(1211),(1120),T3311-T3748,F0.0,
(1211),(1121),T3311-T3748,F0.0,
(1221),(1147),T2676-T3194,F0.0,
(1221),(1148),T2676-T3194,F0.0,
(1221),(1149),T2676-T3194,F0.0,
(1221),(1171-1172),F0.0,
(1223),(1100),T3682-T4901,F0.0,
(1223),(1101),T3682-T4901,F0.0,
(1223),(1123),T4033-T4977,F0.0,
(1223),(1124),T4033-T4977,F0.0,
(1223),(1148-1149),F0.0,
(1225),(1118-1121),F0.0,
(1227),(1106-1108),F0.0,
(1227),(1118-1120),F0.0,
(1229),(1171-1172),F0.0,
(1231),(1115-1116),F0.0,
(1233),(1204),T3804-T4322,F0.0,
(1233),(1205),T3804-T4322,F0.0,



(1241),(1148-1149),F0.0,
(1243),(1120-1122),F0.0,
(1243),(1171),F0.0,
(1245),(1152-1153),F0.0,
(1245),(1185),T3850-T4114,F0.0,
(1247),(1148-1149),F0.0,
(1247),(1156-1157),F0.0,
(1249),(1172),T4271-T4678,F0.0,
(1249),(1173),T4271-T4678,F0.0,
(1249),(1174),T4271-T4678,F0.0,
(1249),(1224),T4398-T4794,F0.0,
(1249),(1225),T4398-T4794,F0.0,
(1249),(1226),T4398-T4825,F0.0,
(1251),(1153-1155),F0.0,
(1253),(1148),T3078-T3530,F0.0,
(1253),(1149),T3108-T3530,F0.0,
(1253),(1213),T2316-T2880,F0.0,
(1253),(1214),T2316-T2880,F0.0,
(1253),(1215),T2316-T2880,F0.0,
(1257),(1160-1162),F0.0,
(1259),(1217-1218),F0.0,
(1263),(1237),T3301-T3448,F0.0,
T4297-T4520,F0.0,
(1265),(1141-1143),F0.0,
(1271),(1212-1213),F0.0,
(1273),(1202-1203),F0.0,
(1275),(1171-1172),F0.0,
(1279),(1242),T3834-T3885,F0.0,
(1279),(1260),T3814-T4022,F0.0,
(1279),(1261),T3814-T4022,F0.0,
T4830-T4993,F0.0,
(1279),(1262),T3814-T4022,F0.0,
T4830-T4993,F0.0,
(1281),(1158-1160),F0.0,
(1287),(1171),F0.0,
(1287),(1203),T1569-T1803,F0.0,
(1287),(1204),T1569-T1803,F0.0,
(1287),(1205),T1589-T1757,F0.0,
(1289),(1171-1172),F0.0,
(1291),(1170-1172),F0.0,
(1291),(1177),T2824-T3098,F0.0,
(1291),(1178),T2824-T3098,F0.0,
(1295),(1208),T4383-T5038,F0.0,
(1295),(1209),T4383-T5038,F0.0,
(1297),(1177-1179),F0.0,
(1299),(1178-1179),F0.0,



(1301),(1177-1179),F0.0,
(1303),(1283),F0.0,
(1305),(1244),F0.0,
(1307),(1238-1239),F0.0,
(1307),(1284),T4464-T5008,F0.0,
(1307),(1285),T4464-T5008,F0.0,
(1307),(1286),T4464-T5008,F0.0,
(1307),(1287),T4464-T5008,F0.0,
(1307),(1288),T4464-T5008,F0.0,
(1307),(1289),T4464-T5008,F0.0,
(1309),(1185),F0.0,
(1311),(1188-1189),F0.0,
(1311),(1240-1241),F0.0,
(1315),(1217),T3113-T4485,F0.0,
(1315),(1218),T3113-T4485,F0.0,
(1315),(1219),T3113-T4485,F0.0,
(1315),(1220),T3113-T4485,F0.0,
(1315),(1221),T3113-T4485,F0.0,
(1319),(1216-1218),F0.0,
(1319),(1238-1240),F0.0,
(1321),(1216-1218),F0.0,
(1321),(1239-1240),F0.0,
(1331),(1251-1252),F0.0,
(1331),(1297),T3951-T4246,F0.0,
(1331),(1298),T3951-T4246,F0.0,
(1331),(1299),T3951-T4246,F0.0,
(1331),(1300),T3951-T4246,F0.0,
(1331),(1301),T3951-T4246,F0.0,
(1331),(1302),T3951-T4246,F0.0,
(1331),(1303),T3951-T4246,F0.0,
(1331),(1304),T3951-T4246,F0.0,
(1333),(1284),T3819-T4398,F0.0,
(1333),(1285),T3819-T4398,F0.0,
(1333),(1286),T3819-T4398,F0.0,
(1333),(1287),T3819-T4398,F0.0,
(1333),(1288),T3819-T4398,F0.0,
(1333),(1289),T3819-T4398,F0.0,
(1335),(1217-1218),F0.0,
(1335),(1238-1239),F0.0,
(1336),(1222),T1655-T2026,F0.0,
(1336),(1223),T1655-T2026,F0.0,
(1336),(1224),T1655-T2026,F0.0,
(1336),(1225),T1655-T2026,F0.0,
(1336),(1226),T1655-T2026,F0.0,
(1336),(1227),T1655-T2026,F0.0,
(1337),(1239),F0.0,



Koreksi Statik

* LIBRI ST 01 CS D 1001 , -13,

CS 1002 = -11.9,	CS 1311 = -13.8,	CS 1045 = -14.9,	CS 1222 = -9.2,
CS 1003 = -15.2,	CS 1312 = -14.8,	CS 1046 = -16.3,	CS 1223 = -9.6,
CS 1004 = -17.3,	CS 1313 = -17.8,	CS 1047 = -15.7,	CS 1224 = -10,
CS 1005 = -16.7,	CS 1314 = -17.1,	CS 1048 = -16.7,	CS 1225 = -8.5,
CS 1006 = -17.5,	CS 1315 = -17.7,	CS 1049 = -16.1,	CS 1226 = -8.8,
CS 1007 = -15.7,	CS 1316 = -16.5,	CS 1050 = -13.2,	CS 1227 = -9.8,
CS 1008 = -20.8,	CS 1317 = -16,	CS 1051 = -6.8,	CS 1228 = -12.4,
CS 1009 = -15.4,	CS 1318 = -13.1,	CS 1052 = -7.6,	CS 1229 = -10.4,
CS 1010 = -5.4,	CS 1319 = -13.2,	CS 1053 = -10.1,	CS 1230 = -9.6,
CS 1011 = -8.8,	CS 1320 = -13.1,	CS 1054 = -10.2,	CS 1231 = -9.3,
CS 1012 = -9.7,	CS 1321 = -13.8,	CS 1055 = -7.1,	CS 1232 = -11.7,
CS 1013 = -6.9,	CS 1322 = -13.7,	CS 1056 = -1.9,	CS 1233 = -11.6,
CS 1014 = -8.7,	CS 1323 = -15.6,	CS 1057 = 2,	CS 1234 = -11,
CS 1015 = -9.3,	CS 1324 = -17.6,	CS 1058 = -1.7,	CS 1235 = -8.2,
CS 1016 = -9.1,	CS 1325 = -16.8,	CS 1059 = -7.5,	CS 1236 = -10,
CS 1017 = -10.1,	CS 1326 = -13.9,	CS 1060 = -8.2,	CS 1237 = -10.9,
CS 1018 = -10,	CS 1327 = -12.9,	CS 1061 = -8.2,	CS 1238 = -12.3,
CS 1019 = -11.7,	CS 1328 = -12.4,	CS 1062 = -12,	CS 1239 = -14.6,
CS 1020 = -12.6,	CS 1329 = -13.4,	CS 1063 = -15.6,	CS 1240 = -11.2,
CS 1021 = -13,	CS 1330 = -13.4,	CS 1064 = -26.8,	CS 1241 = -11.8,
CS 1022 = -15.8,	CS 1331 = -12.9,	CS 1065 = -11.4,	CS 1242 = -14,
CS 1023 = -17,	CS 1332 = -13.8,	CS 1066 = -11.2,	CS 1243 = -16.3,
CS 1024 = -6,	CS 1333 = -14.3,	CS 1067 = -17.6,	CS 1244 = -9.9,
CS 1025 = -6.2,	CS 1334 = -12.5,	CS 1068 = -19.8,	CS 1245 = -12.3,
CS 1026 = -7.7,	CS 1335 = -13.2,	CS 1069 = -22.2,	CS 1246 = -12.3,
CS 1027 = -7.6,	CS 1336 = -12.4,	CS 1070 = -23.6,	CS 1247 = -13,
CS 1028 = -8.3,	CS 1337 = -11.4,	CS 1071 = -16.5,	CS 1248 = -13.7,
CS 1029 = -7,	CS 1338 = -10.8,	CS 1072 = -14,	CS 1249 = -12.6,
CS 1030 = -6.5,	CS 1339 = -11.1,	CS 1073 = -14.6,	CS 1250 = -12.5,
CS 1031 = -7.7,	CS 1340 = -11.6,	CS 1074 = -14.2,	CS 1251 = -12.4,
CS 1032 = -10.8,	CS 1341 = -12.9,	CS 1075 = -10.4,	CS 1252 = -12.5,

CS 1033 = -12.2,	CS 1342 = -14.1,	CS 1076 = -9.9,	CS 1253 = -12.1,
CS 1034 = -11.5,	CS 1343 = -14.9,	CS 1077 = -6.3,	CS 1254 = -12.6,
CS 1035 = -11.1,	CS 1344 = -14.9,	CS 1078 = -7.2,	CS 1255 = -11.4,
CS 1036 = -12.1,	CS 1345 = -14.8,	CS 1079 = -5.7,	CS 1256 = -10.8,
CS 1037 = -8.9,		CS 1080 = -6.6,	CS 1257 = -11.6,
CS 1038 = -3.3,		CS 1081 = -7.1,	CS 1258 = -11.6,
CS 1039 = -2.8,		CS 1082 = -7.6,	CS 1259 = -12.1,
CS 1040 = -7.4,		CS 1083 = -11.1,	CS 1260 = -12.6,
CS 1041 = -17.1,	CP 1343 = 6.5,	CS 1084 = -13.1,	CS 1261 = -15.8,
CS 1042 = -17.8,	CP 1344 = 4,	CS 1085 = -13.8,	CS 1262 = -15.4,
CS 1043 = -16.8,	CP 1345 = 5.6,	CS 1086 = -14.1,	CS 1263 = -12.3,
CS 1044 = -14.8,	CP 1343 = 6.5,	CS 1087 = -14.5,	CS 1264 = -12.9,
	CP 1344 = 4,	CS 1088 = -10.3,	CS 1265 = -13,
CS 1134 = -8.3,	CP 1345 = 5.6,	CS 1089 = -6.9,	CS 1266 = -13.8,
CS 1135 = -6.7,		CS 1090 = -7.1,	CS 1267 = -13.4,
CS 1136 = -6.8,	CP 1241 = 7.4,	CS 1091 = -8.3,	CS 1268 = -14.3,
CS 1137 = -8.7,	CP 1243 = 6.5,	CS 1092 = -8.6,	CS 1269 = -15.2,
CS 1138 = -8.3,	CP 1245 = 7.5,	CS 1093 = -10.7,	CS 1270 = -14.7,
CS 1139 = -7.9,	CP 1247 = 8.2,	CS 1094 = -11.1,	CS 1271 = -14.3,
CS 1140 = -9.4,	CP 1249 = 8,	CS 1095 = -11.5,	CS 1272 = -13.8,
CS 1141 = -10.9,	CP 1251 = 11.6,	CS 1096 = -12.7,	CS 1273 = -14.3,
CS 1142 = -10.4,	CP 1253 = 10.7,	CS 1097 = -12.8,	CS 1274 = -14,
CS 1143 = -11.5,	CP 1255 = 11.7,	CS 1098 = -10.8,	CS 1275 = -12.8,
CS 1144 = -10.1,	CP 1257 = 11,	CS 1099 = -11.5,	CS 1276 = -12.7,
CS 1145 = -8.8,	CP 1259 = 7.2,	CS 1100 = -12.6,	CS 1277 = -13.5,
CS 1146 = -12.4,	CP 1261 = 3.8,	CS 1101 = -12.1,	CS 1278 = -14.5,
CS 1147 = -18.3,	CP 1263 = 6.4,	CS 1102 = -12.3,	CS 1279 = -15.5,
CS 1148 = -26,	CP 1265 = 4.2,	CS 1103 = -9.8,	CS 1280 = -15.9,
CS 1149 = -28.7,	CP 1267 = 4.8,	CS 1104 = -9.5,	CS 1281 = -15.6,
CS 1150 = -26.3,	CP 1269 = 5,	CS 1105 = -18.3,	CS 1282 = -13.7,
CS 1151 = -27,	CP 1271 = 4.9,	CS 1106 = -19.7,	CS 1283 = -12.5,
CS 1152 = -23.6,	CP 1273 = 5.1,	CS 1107 = -18.9,	CS 1284 = -12.4,
CS 1153 = -25.7,	CP 1275 = 5.5,	CS 1108 = -20.9,	CS 1285 = -21.4,
CS 1154 = -26.7,	CP 1277 = 6.1,	CS 1109 = -25.8,	CS 1286 = -13.5,
CS 1155 = -17.2,	CP 1279 = 6,		

CS 1156 = -14.4,	CP 1281 = 5.5,	CS 1110 = -24.1,	CS 1287 = -13.9,
CS 1157 = -3.3,	CP 1283 = 5.2,	CS 1111 = -17.1,	CS 1288 = -13.9,
CS 1158 = -15.7,	CP 1285 = 6.3,	CS 1112 = -14.4,	CS 1289 = -14.3,
CS 1159 = -15.1,	CP 1287 = 4.6,	CS 1113 = -14.5,	CS 1290 = -14.6,
CS 1160 = -14.6,	CP 1289 = 8.1,	CS 1114 = -7.6,	CS 1291 = -14.3,
CS 1161 = -12.2,	CP 1291 = 8.8,	CS 1115 = -2.4,	CS 1292 = -13.8,
CS 1162 = -11.2,	CP 1293 = 7.4,	CS 1116 = -5.2,	CS 1293 = -15.1,
CS 1163 = -10,	CP 1295 = 6.7,	CS 1117 = -5.9,	CS 1294 = -15.3,
CS 1164 = -13.5,	CP 1297 = 3,	CS 1118 = -7.8,	CS 1295 = -15.9,
CS 1165 = -12,	CP 1299 = 6.3,	CS 1119 = -6.9,	CS 1296 = -17.2,
CS 1166 = -12.1,	CP 1301 = 5.8,	CS 1120 = -4.2,	CS 1297 = -18.6,
CS 1167 = -16.3,	CP 1303 = 2.8,	CS 1121 = -20.4,	CS 1298 = -17.9,
CS 1168 = -13.3,	CP 1305 = 3.5,	CS 1122 = -23.7,	CS 1299 = -18,
CS 1169 = -8.2,	CP 1307 = 4.5,	CS 1123 = -25.2,	CS 1300 = -17.3,
CS 1170 = -7.7,	CP 1309 = 6,	CS 1124 = -22.8,	CS 1301 = -16.8,
CS 1171 = -9.9,	CP 1311 = 5.9,	CS 1125 = -14.6,	CS 1302 = -16.7,
CS 1172 = -10.7,	CP 1313 = 0.6,	CS 1126 = -12.2,	CS 1303 = -18.3,
CS 1173 = -13.2,	CP 1315 = 1.6,	CS 1127 = -12.1,	CS 1304 = -18.3,
CS 1174 = -15.2,	CP 1317 = 3.1,	CS 1128 = -12.2,	CS 1305 = -16.8,
CS 1175 = -13,	CP 1319 = 4.8,	CS 1129 = -10.3,	CS 1306 = -15,
CS 1176 = -14.5,	CP 1321 = 7.7,	CS 1130 = -6.6,	CS 1307 = -14.1,
CS 1177 = -14.4,	CP 1323 = 3.9,	CS 1131 = -8.3,	CS 1308 = -13.8,
CS 1178 = -12,	CP 1325 = 4.1,	CS 1132 = -9.6,	CS 1309 = -14,
CS 1179 = -8.9,	CP 1327 = 4.6,	CS 1133 = -9.1,	CS 1310 = -13.6,
CS 1180 = -7.8,	CP 1329 = 5.7,	CP D 1065 ,	CP 1151 = 8.1,
CS 1181 = -8.5,	CP 1331 = 8.2,	7.5,	CP 1153 = 6.1,
CS 1182 = -8.8,	CP 1333 = 7.2,	CP 1067 = 1,	CP 1155 = 0.6,
CS 1183 = -8.5,	CP 1334 = 4.7,	CP 1069 = 5.1,	CP 1157 = 0.9,
CS 1184 = -9.1,	CP 1335 = 7.7,	CP 1071 = 7.5,	CP 1159 = -1.7,
CS 1185 = -7.1,	CP 1336 = 8.1,	CP 1073 = 3.7,	CP 1161 = -2.3,
CS 1186 = -7.5,	CP 1337 = 8.1,	CP 1075 = 4.9,	CP 1163 = -2.7,
CS 1187 = -7.2,	CP 1338 = 6.2,	CP 1077 = 5.3,	CP 1165 = 4.1,
CS 1188 = -8.4,	CP 1339 = 6.5,	CP 1079 = 4.6,	CP 1167 = 2.5,
CS 1189 = -9.6,	CP 1340 = 6.8,	CP 1081 = 7.9,	CP 1169 = 8.3,
		CP 1083 = 7,	CP 1171 = 5.9,
		CP 1085 = 9.8,	

CS 1190 = -9.7,	CP 1341 = 6,	CP 1087 = 8.4,	CP 1173 = 7,
CS 1191 = -11,	CP 1342 = 4.3,	CP 1089 = 10,	CP 1175 = 5.2,
CS 1192 = -12.9,	CP 1237 = 7.3,	CP 1091 = 9.1,	CP 1177 = 8.3,
CS 1193 = -13.9,	CP 1239 = 6.3,	CP 1093 = 7,	CP 1179 = 8.6,
CS 1194 = -15.5,		CP 1095 = 6.9,	CP 1181 = 4,
CS 1195 = -19.2,		CP 1097 = 9.3,	CP 1183 = 7.2,
CS 1196 = -21.9,		CP 1099 = 11,	CP 1185 = 9.7,
CS 1197 = -22.2,		CP 1101 = 10.3,	CP 1187 = 10.2,
CS 1198 = -24,		CP 1103 = 9,	CP 1189 = 6.6,
CS 1199 = -26,		CP 1105 = 11.1,	CP 1191 = 7.6,
CS 1200 = -27.9,		CP 1107 = 11,	CP 1193 = 3.3,
CS 1201 = -29.7,		CP 1109 = 16.5,	CP 1195 = -2.1,
CS 1202 = -34.2,		CP 1111 = 13.9,	CP 1197 = -5.5,
CS 1203 = -35.9,		CP 1113 = 15.6,	CP 1199 = -15,
CS 1204 = -7.8,		CP 1115 = 16.6,	CP 1201 = -1.5,
CS 1205 = -17.8,		CP 1117 = 17.1,	CP 1203 = -1.9,
CS 1206 = -16,		CP 1119 = 16.3,	CP 1205 = -2.2,
CS 1207 = -20,		CP 1121 = 19.7,	CP 1207 = -7.9,
CS 1208 = -14.8,		CP 1123 = 23.4,	CP 1209 = -0.6,
CS 1209 = -19.8,		CP 1125 = 16.7,	CP 1211 = -3.8,
CS 1210 = -12.2,		CP 1127 = 18.6,	CP 1213 = 2.6,
CS 1211 = -11.4,		CP 1129 = 14.4,	CP 1215 = 4.5,
CS 1212 = -15,		CP 1131 = 4.9,	CP 1217 = 4.4,
CS 1213 = -25.1,		CP 1133 = 10,	CP 1219 = 3.6,
CS 1214 = -27.6,		CP 1135 = 3.9,	CP 1221 = -0.2,
CS 1215 = -28.1,		CP 1137 = 0.9,	CP 1223 = 3.6,
CS 1216 = -21.9,		CP 1139 = 3,	CP 1225 = 2.9,
CS 1217 = -13,		CP 1141 = 6.5,	CP 1227 = 4.8,
CS 1218 = -22.9,		CP 1143 = 10,	CP 1229 = 0.8,
CS 1219 = -15.2,		CP 1145 = 11.9,	CP 1231 = 6.4,
CS 1220 = -7.7,		CP 1147 = 8.3,	CP 1233 = 8,
CS 1221 = -10.7,		CP 1149 = 5.3,	CP 1235 = 7.3,

Data Koreksi Statik Lapangan

* LIBRI ST 01 CS T S12.00,D 1001,

0.0, 0.0, 0.0, -1.0, -0.5, 0.0, 0.0, -0.5, 0.0, 1.5,
0.5, 0.5, 1.5, 0.0, 0.0, 0.5, 0.0, 0.5, 0.0, 0.0,
0.5, 0.5, -0.5, 1.0, 1.0, 0.5, 0.0, 0.0, 0.0, 1.0,
1.5, 1.0, 0.0, -0.5, 0.5, -0.5, 0.5, 1.5, 2.0, 2.5,
1.5, 1.5, 1.5, 2.5, 2.0, 2.5, 2.0, 2.0, 1.5, 3.0,
3.0, 4.0, 3.0, 1.5, 0.5, 0.5, 2.0, 3.0, 3.0, 1.0,
1.5, 0.5, -1.0, 8.5, 0.5, 2.0, -0.5, 0.0, 0.5, -1.0,
-1.5, -0.5, 0.5, 0.0, 0.0, -0.5, 0.5, -0.5, -1.5, -0.5,
-2.0, -2.0, -2.5, -3.0, -3.0, -2.0, -2.0, -3.0, -1.5, -2.0,
-2.5, -2.5, -3.5, -2.0, -3.0, -3.0, -1.5, -2.0, -2.0, -2.0,
-1.5, -0.5, 0.5, 0.5, -0.5, -0.5, 1.0, 0.0, -0.5, 0.5,
0.0, 0.0, 0.5, 0.5, 1.0, 1.5, 1.5, 1.0, 0.5, 1.0,
0.5, 0.5, 0.0, -0.5, 0.0, 0.0, 0.0, 0.0, 0.0, 0.5,
0.0, 0.0, 0.0, 0.5, 0.5, 0.5, 0.0, -0.5, -0.5, -1.0,
-1.0, -0.5, -0.5, -0.5, -0.5, 0.0, 1.0, -1.0, 0.0, 0.0,
0.0, 0.0, -0.5, -1.5, 0.0, 0.5, 2.0, 0.0, 0.5, 0.0,
0.5, 0.0, -1.0, -0.5, -0.5, 0.0, -0.5, 0.0, 1.0, 1.0,
1.0, 0.0, 0.5, 0.0, 0.5, 0.0, 0.5, 1.5, 1.0, -1.5,
-1.0, -1.5, -1.5, -1.5, 0.0, -1.0, 0.0, 0.0, 0.0, 0.5,
1.0, 1.5, 1.0, 0.5, 1.0, 1.5, 0.5, 0.0, 0.0, -0.5,
0.5, 0.5, 1.5, -17.5, 1.5, 2.5, 0.0, -3.0, 5.0, 0.5,
2.0, 1.5, 1.5, 0.5, -1.5, 4.0, 1.5, 0.5, 1.5, 1.5,
0.5, 0.5, 0.0, 0.5, 0.0, -0.5, -0.5, 0.0, 0.0, -0.5,
0.0, -0.5, 0.0, -0.5, -0.5, -0.5, 0.0, -0.5, 0.0, -0.5,
0.0, 0.0, -0.5, -0.5, 0.0, 0.0, -0.5, 0.0, 0.0, 0.0,
0.5, 0.5, 0.0, 0.0, 0.5, -0.5, 0.0, 0.5, 0.5, 0.5,
0.0, 0.0, 0.0, 0.5, 0.5, 0.0, 0.0, 0.0, 0.0, 0.5,
0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
0.5, 0.5, 0.5, 0.0, 0.0, 0.5, 0.0, 0.0, 0.5, 0.5,
0.5, 0.5, 0.0, 0.0, 0.5, 0.5, 0.5, 0.5, 0.0, 0.0,
0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, -0.5, -0.5,
0.0, 0.0, -0.5, 0.0, 0.0, -0.5, -0.5, -0.5, 0.0, 0.0,
0.0, 0.0, 0.0, 0.0, -0.5, 0.0, -0.5, -0.5, 0.0, -0.5,
0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.5, 0.0, 0.0, 0.0,

CP D 1065,
1.0,9999.0, -0.5,9999.0, 0.0,9999.0, -0.5,9999.0, -1.0,
CP 1075= 0.0,
9999.0, -1.0,9999.0, -1.0,9999.0, -0.5,9999.0, -0.5,9999.0, 0.5,
CP 1087= 0.0,
9999.0, -0.5,9999.0, -0.5,9999.0, -1.0,9999.0, -1.0,9999.0, -1.0,
CP 1099= -0.5,
9999.0, -0.5,9999.0, -1.0,9999.0, -0.5,9999.0, 0.0,9999.0, 0.0,
CP 1111= -0.5,

9999.0, 0.5,9999.0, -0.5,9999.0, 0.0,9999.0, 0.0,9999.0, 1.0,
 CP 1123= 3.5,
 9999.0, 4.0,9999.0, 2.5,9999.0, -1.0,9999.0, -7.0,9999.0, 1.0,
 CP 1135= -4.0,
 9999.0, -2.5,9999.0, -1.5,9999.0, 0.0,9999.0, 1.5,9999.0, 1.0,
 CP 1147= 1.0,
 9999.0, 0.5,9999.0, 1.5,9999.0, 2.0,9999.0, 0.5,9999.0, -0.5,
 CP 1159= -0.5,
 9999.0, 0.0,9999.0, 0.0,9999.0, -0.5,9999.0, 0.0,9999.0, -0.5,
 CP 1171= -0.5,
 9999.0, -0.5,9999.0, -1.0,9999.0, 0.0,9999.0, 0.5,9999.0, 0.0,
 CP 1183= 0.5,
 9999.0, 0.0,9999.0, 0.5,9999.0, 0.5,9999.0, 1.5,9999.0, 1.0,
 CP 1195= 0.5,
 9999.0, 1.0,9999.0, -4.0,9999.0, 4.0,9999.0, 2.5,9999.0, 1.0,
 CP 1207= 2.5,
 9999.0, 0.0,9999.0, -1.0,9999.0, 1.0,9999.0, 2.0,9999.0, -0.5,
 CP 1219= -1.5,
 9999.0, -1.0,9999.0, -1.0,9999.0, -1.0,9999.0, -1.5,9999.0, -2.0,
 CP 1231= -1.5,
 9999.0, -0.5,9999.0, -1.0,9999.0, -0.5,9999.0, 0.5,9999.0, 0.0,
 CP 1243= -0.5,
 9999.0, 0.5,9999.0, 0.5,9999.0, 0.5,9999.0, 0.5,9999.0, -0.5,
 CP 1255= -0.5,
 9999.0, 1.0,9999.0, -1.0,9999.0, 0.0,9999.0, -1.0,9999.0, -2.0,
 CP 1267= -1.5,
 9999.0, -1.0,9999.0, -1.0,9999.0, -0.5,9999.0, -0.5,9999.0, -0.5,
 CP 1279= 0.0,
 9999.0, 0.5,9999.0, 0.5,9999.0, 0.5,9999.0, 0.5,9999.0, 1.0,
 CP 1291= 0.5,
 9999.0, 0.5,9999.0, 0.5,9999.0, 0.0,9999.0, 0.5,9999.0, 0.5,
 CP 1303= 1.0,
 9999.0, 0.5,9999.0, 0.5,9999.0, 0.5,9999.0, 0.5,9999.0, 1.0,
 CP 1315= 1.0,
 9999.0, 1.0,9999.0, 1.0,9999.0, 0.5,9999.0, 0.5,9999.0, 0.0,
 CP 1327= 0.0,
 9999.0, 0.0,9999.0, -0.5,9999.0, -0.5, 0.0, 0.5, 0.5, 0.5,
 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,

Analisis Kecepatan

* LIBRI VI 02 (2000- 2130)=T 250V 1797,
 T 425V 1944,T 575V 2084,T 900V 2229,T 1225V 2383,T 1550V
 2482,
 T 1975V 2639,T 2200V 2768,T 2450V 2924,T 2600V 3073,T 2975V
 3371,
 T 3275V 3572,T 3725V 3804,T 4075V 4092,
 VF 5000,
 (2210)=T 150V 1729,
 T 250V 1795,T 425V 1944,T 575V 2083,T 675V 2165,T 1525V
 2469,
 T 1775V 2564,T 2075V 2667,T 2275V 2736,T 2400V 2800,T 2675V
 3017,
 T 2900V 3155,T 3100V 3275,T 3400V 3423,T 3625V 3517,T 3950V
 3665,
 T 4200V 3801,
 VF 5000,
 (2290)=T 225V 1823,
 T 425V 1970,T 625V 2116,T 775V 2190,T 925V 2239,T 1375V
 2433,
 T 1750V 2542,T 1925V 2603,T 2100V 2647,T 2250V 2693,T 2650V
 2973,
 T 3300V 3331,T 3700V 3493,T 3950V 3556,T 4150V 3658,
 VF 5000,
 (2370)=T 250V 1734,
 T 375V 1851,T 500V 1961,T 625V 2070,T 725V 2125,T 950V 2195,
 T 1325V 2371,T 1600V 2509,T 1900V 2624,T 2125V 2686,T 2300V
 2735,
 T 2450V 2827,T 2650V 3012,T 2875V 3160,T 3175V 3266,T 3575V
 3417,
 T 4000V 3715,T 4175V 3800,
 VF 5000,
 (2450)=T 225V 1783,
 T 325V 1866,T 675V 2156,T 875V 2224,T 1225V 2384,T 1400V
 2446,
 T 1600V 2500,T 1850V 2593,T 2175V 2681,T 2375V 2793,T 2425V
 2826,
 T 2575V 3057,T 2875V 3314,T 3200V 3514,T 3575V 3724,T 3900V
 3923,
 VF 5000,
 (2530)=T 200V 1699,
 T 375V 1856,T 850V 2179,T 1250V 2387,T 1400V 2438,T 1625V
 2494,
 T 1750V 2547,T 1850V 2591,T 2075V 2650,T 2200V 2678,T 2450V
 2811,

T 2650V 2985,T 2975V 3229,T 3400V 3576,T 3650V 3727,T 3900V
3873,
VF 5000,
(2610-3000)=T 125V 1717,
T 400V 1949,T 900V 2246,T 1300V 2415,T 1475V 2457,T 1700V
2522,
T 1875V 2608,T 2100V 2676,T 2200V 2704,T 2500V 2851,T 2625V
3011,
T 3075V 3295,T 3475V 3646,T 3925V 3955,
VF 5000,



Koreksi Statik

* LIBRI ST 02 CS

D 1001 , -13,

CS 1002 = -11.9,	CS 1311 = -13.8,	CS 1045 = -14.9,	CS 1222 = -9.2,
CS 1003 = -15.2,	CS 1312 = -14.8,	CS 1046 = -16.3,	CS 1223 = -9.6,
CS 1004 = -17.3,	CS 1313 = -17.8,	CS 1047 = -15.7,	CS 1224 = -10,
CS 1005 = -16.7,	CS 1314 = -17.1,	CS 1048 = -16.7,	CS 1225 = -8.5,
CS 1006 = -17.5,	CS 1315 = -17.7,	CS 1049 = -16.1,	CS 1226 = -8.8,
CS 1007 = -15.7,	CS 1316 = -16.5,	CS 1050 = -13.2,	CS 1227 = -9.8,
CS 1008 = -20.8,	CS 1317 = -16,	CS 1051 = -6.8,	CS 1228 = -12.4,
CS 1009 = -15.4,	CS 1318 = -13.1,	CS 1052 = -7.6,	CS 1229 = -10.4,
CS 1010 = -5.4,	CS 1319 = -13.2,	CS 1053 = -10.1,	CS 1230 = -9.6,
CS 1011 = -8.8,	CS 1320 = -13.1,	CS 1054 = -10.2,	CS 1231 = -9.3,
CS 1012 = -9.7,	CS 1321 = -13.8,	CS 1055 = -7.1,	CS 1232 = -11.7,
CS 1013 = -6.9,	CS 1322 = -13.7,	CS 1056 = -1.9,	CS 1233 = -11.6,
CS 1014 = -8.7,	CS 1323 = -15.6,	CS 1057 = 2,	CS 1234 = -11,
CS 1015 = -9.3,	CS 1324 = -17.6,	CS 1058 = -1.7,	CS 1235 = -8.2,
CS 1016 = -9.1,	CS 1325 = -16.8,	CS 1059 = -7.5,	CS 1236 = -10,
CS 1017 = -10.1,	CS 1326 = -13.9,	CS 1060 = -8.2,	CS 1237 = -10.9,
CS 1018 = -10,	CS 1327 = -12.9,	CS 1061 = -8.2,	CS 1238 = -12.3,
CS 1019 = -11.7,	CS 1328 = -12.4,	CS 1062 = -12,	CS 1239 = -14.6,
CS 1020 = -12.6,	CS 1329 = -13.4,	CS 1063 = -15.6,	CS 1240 = -11.2,
CS 1021 = -13,	CS 1330 = -13.4,	CS 1064 = -26.8,	CS 1241 = -11.8,
CS 1022 = -15.8,	CS 1331 = -12.9,	CS 1065 = -11.4,	CS 1242 = -14,
CS 1023 = -17,	CS 1332 = -13.8,	CS 1066 = -11.2,	CS 1243 = -16.3,
CS 1024 = -6,	CS 1333 = -14.3,	CS 1067 = -17.6,	CS 1244 = -9.9,
CS 1025 = -6.2,	CS 1334 = -12.5,	CS 1068 = -19.8,	CS 1245 = -12.3,
CS 1026 = -7.7,	CS 1335 = -13.2,	CS 1069 = -22.2,	CS 1246 = -12.3,
CS 1027 = -7.6,	CS 1336 = -12.4,	CS 1070 = -23.6,	CS 1247 = -13,
CS 1028 = -8.3,	CS 1337 = -11.4,	CS 1071 = -16.5,	CS 1248 = -13.7,
CS 1029 = -7,	CS 1338 = -10.8,	CS 1072 = -14,	CS 1249 = -12.6,
CS 1030 = -6.5,	CS 1339 = -11.1,	CS 1073 = -14.6,	CS 1250 = -12.5,
CS 1031 = -7.7,	CS 1340 = -11.6,	CS 1074 = -14.2,	CS 1251 = -12.4,
CS 1032 = -10.8,	CS 1341 = -12.9,	CS 1075 = -10.4,	CS 1252 = -12.5,

CS 1033 = -12.2,	CS 1342 = -14.1,	CS 1076 = -9.9,	CS 1253 = -12.1,
CS 1034 = -11.5,	CS 1343 = -14.9,	CS 1077 = -6.3,	CS 1254 = -12.6,
CS 1035 = -11.1,	CS 1344 = -14.9,	CS 1078 = -7.2,	CS 1255 = -11.4,
CS 1036 = -12.1,	CS 1345 = -14.8,	CS 1079 = -5.7,	CS 1256 = -10.8,
CS 1037 = -8.9,		CS 1080 = -6.6,	CS 1257 = -11.6,
CS 1038 = -3.3,		CS 1081 = -7.1,	CS 1258 = -11.6,
CS 1039 = -2.8,		CS 1082 = -7.6,	CS 1259 = -12.1,
CS 1040 = -7.4,		CS 1083 = -11.1,	CS 1260 = -12.6,
CS 1041 = -17.1,	CP 1343 = 6.5,	CS 1084 = -13.1,	CS 1261 = -15.8,
CS 1042 = -17.8,	CP 1344 = 4,	CS 1085 = -13.8,	CS 1262 = -15.4,
CS 1043 = -16.8,	CP 1345 = 5.6,	CS 1086 = -14.1,	CS 1263 = -12.3,
CS 1044 = -14.8,	CP 1343 = 6.5,	CS 1087 = -14.5,	CS 1264 = -12.9,
	CP 1344 = 4,	CS 1088 = -10.3,	CS 1265 = -13,
CS 1134 = -8.3,	CP 1345 = 5.6,	CS 1089 = -6.9,	CS 1266 = -13.8,
CS 1135 = -6.7,		CS 1090 = -7.1,	CS 1267 = -13.4,
CS 1136 = -6.8,	CP 1241 = 7.4,	CS 1091 = -8.3,	CS 1268 = -14.3,
CS 1137 = -8.7,	CP 1243 = 6.5,	CS 1092 = -8.6,	CS 1269 = -15.2,
CS 1138 = -8.3,	CP 1245 = 7.5,	CS 1093 = -10.7,	CS 1270 = -14.7,
CS 1139 = -7.9,	CP 1247 = 8.2,	CS 1094 = -11.1,	CS 1271 = -14.3,
CS 1140 = -9.4,	CP 1249 = 8,	CS 1095 = -11.5,	CS 1272 = -13.8,
CS 1141 = -10.9,	CP 1251 = 11.6,	CS 1096 = -12.7,	CS 1273 = -14.3,
CS 1142 = -10.4,	CP 1253 = 10.7,	CS 1097 = -12.8,	CS 1274 = -14,
CS 1143 = -11.5,	CP 1255 = 11.7,	CS 1098 = -10.8,	CS 1275 = -12.8,
CS 1144 = -10.1,	CP 1257 = 11,	CS 1099 = -11.5,	CS 1276 = -12.7,
CS 1145 = -8.8,	CP 1259 = 7.2,	CS 1100 = -12.6,	CS 1277 = -13.5,
CS 1146 = -12.4,	CP 1261 = 3.8,	CS 1101 = -12.1,	CS 1278 = -14.5,
CS 1147 = -18.3,	CP 1263 = 6.4,	CS 1102 = -12.3,	CS 1279 = -15.5,
CS 1148 = -26,	CP 1265 = 4.2,	CS 1103 = -9.8,	CS 1280 = -15.9,
CS 1149 = -28.7,	CP 1267 = 4.8,	CS 1104 = -9.5,	CS 1281 = -15.6,
CS 1150 = -26.3,	CP 1269 = 5,	CS 1105 = -18.3,	CS 1282 = -13.7,
CS 1151 = -27,	CP 1271 = 4.9,	CS 1106 = -19.7,	CS 1283 = -12.5,
CS 1152 = -23.6,	CP 1273 = 5.1,	CS 1107 = -18.9,	CS 1284 = -12.4,
CS 1153 = -25.7,	CP 1275 = 5.5,	CS 1108 = -20.9,	CS 1285 = -21.4,
CS 1154 = -26.7,	CP 1277 = 6.1,	CS 1109 = -25.8,	CS 1286 = -13.5,
CS 1155 = -17.2,	CP 1279 = 6,	CS 1110 = -24.1,	CS 1287 = -13.9,

CS 1156 = -14.4,	CP 1281 = 5.5,	CS 1111 = -17.1,	CS 1288 = -13.9,
CS 1157 = -3.3,	CP 1283 = 5.2,	CS 1112 = -14.4,	CS 1289 = -14.3,
CS 1158 = -15.7,	CP 1285 = 6.3,	CS 1113 = -14.5,	CS 1290 = -14.6,
CS 1159 = -15.1,	CP 1287 = 4.6,	CS 1114 = -7.6,	CS 1291 = -14.3,
CS 1160 = -14.6,	CP 1289 = 8.1,	CS 1115 = -2.4,	CS 1292 = -13.8,
CS 1161 = -12.2,	CP 1291 = 8.8,	CS 1116 = -5.2,	CS 1293 = -15.1,
CS 1162 = -11.2,	CP 1293 = 7.4,	CS 1117 = -5.9,	CS 1294 = -15.3,
CS 1163 = -10,	CP 1295 = 6.7,	CS 1118 = -7.8,	CS 1295 = -15.9,
CS 1164 = -13.5,	CP 1297 = 3,	CS 1119 = -6.9,	CS 1296 = -17.2,
CS 1165 = -12,	CP 1299 = 6.3,	CS 1120 = -4.2,	CS 1297 = -18.6,
CS 1166 = -12.1,	CP 1301 = 5.8,	CS 1121 = -20.4,	CS 1298 = -17.9,
CS 1167 = -16.3,	CP 1303 = 2.8,	CS 1122 = -23.7,	CS 1299 = -18,
CS 1168 = -13.3,	CP 1305 = 3.5,	CS 1123 = -25.2,	CS 1300 = -17.3,
CS 1169 = -8.2,	CP 1307 = 4.5,	CS 1124 = -22.8,	CS 1301 = -16.8,
CS 1170 = -7.7,	CP 1309 = 6,	CS 1125 = -14.6,	CS 1302 = -16.7,
CS 1171 = -9.9,	CP 1311 = 5.9,	CS 1126 = -12.2,	CS 1303 = -18.3,
CS 1172 = -10.7,	CP 1313 = 0.6,	CS 1127 = -12.1,	CS 1304 = -18.3,
CS 1173 = -13.2,	CP 1315 = 1.6,	CS 1128 = -12.2,	CS 1305 = -16.8,
CS 1174 = -15.2,	CP 1317 = 3.1,	CS 1129 = -10.3,	CS 1306 = -15,
CS 1175 = -13,	CP 1319 = 4.8,	CS 1130 = -6.6,	CS 1307 = -14.1,
CS 1176 = -14.5,	CP 1321 = 7.7,	CS 1131 = -8.3,	CS 1308 = -13.8,
CS 1177 = -14.4,	CP 1323 = 3.9,	CS 1132 = -9.6,	CS 1309 = -14,
CS 1178 = -12,	CP 1325 = 4.1,	CS 1133 = -9.1,	CS 1310 = -13.6,
CS 1179 = -8.9,	CP 1327 = 4.6,	CP 1065 = 7.5,	CP 1151 = 8.1,
CS 1180 = -7.8,	CP 1329 = 5.7,	CP 1067 = 1,	CP 1153 = 6.1,
CS 1181 = -8.5,	CP 1331 = 8.2,	CP 1069 = 5.1,	CP 1155 = 0.6,
CS 1182 = -8.8,	CP 1333 = 7.2,	CP 1071 = 7.5,	CP 1157 = 0.9,
CS 1183 = -8.5,	CP 1334 = 4.7,	CP 1073 = 3.7,	CP 1159 = -1.7,
CS 1184 = -9.1,	CP 1335 = 7.7,	CP 1075 = 4.9,	CP 1161 = -2.3,
CS 1185 = -7.1,	CP 1336 = 8.1,	CP 1077 = 5.3,	CP 1163 = -2.7,
CS 1186 = -7.5,	CP 1337 = 8.1,	CP 1079 = 4.6,	CP 1165 = 4.1,
CS 1187 = -7.2,	CP 1338 = 6.2,	CP 1081 = 7.9,	CP 1167 = 2.5,
CS 1188 = -8.4,	CP 1339 = 6.5,	CP 1083 = 7,	CP 1169 = 8.3,
CS 1189 = -9.6,	CP 1340 = 6.8,	CP 1085 = 9.8,	CP 1171 = 5.9,
CS 1190 = -9.7,	CP 1341 = 6,		CP 1173 = 7,

CS 1191 = -11,	CP 1342 = 4.3,	CP 1087 = 8.4,	CP 1175 = 5.2,
CS 1192 = -12.9,	CP 1237 = 7.3,	CP 1089 = 10,	CP 1177 = 8.3,
CS 1193 = -13.9,	CP 1239 = 6.3,	CP 1091 = 9.1,	CP 1179 = 8.6,
CS 1194 = -15.5,		CP 1093 = 7,	CP 1181 = 4,
CS 1195 = -19.2,		CP 1095 = 6.9,	CP 1183 = 7.2,
CS 1196 = -21.9,		CP 1097 = 9.3,	CP 1185 = 9.7,
CS 1197 = -22.2,		CP 1099 = 11,	CP 1187 = 10.2,
CS 1198 = -24,		CP 1101 = 10.3,	CP 1189 = 6.6,
CS 1199 = -26,		CP 1103 = 9,	CP 1191 = 7.6,
CS 1200 = -27.9,		CP 1105 = 11.1,	CP 1193 = 3.3,
CS 1201 = -29.7,		CP 1107 = 11,	CP 1195 = -2.1,
CS 1202 = -34.2,		CP 1109 = 16.5,	CP 1197 = -5.5,
CS 1203 = -35.9,		CP 1111 = 13.9,	CP 1199 = -15,
CS 1204 = -7.8,		CP 1113 = 15.6,	CP 1201 = -1.5,
CS 1205 = -17.8,		CP 1115 = 16.6,	CP 1203 = -1.9,
CS 1206 = -16,		CP 1117 = 17.1,	CP 1205 = -2.2,
CS 1207 = -20,		CP 1119 = 16.3,	CP 1207 = -7.9,
CS 1208 = -14.8,		CP 1121 = 19.7,	CP 1209 = -0.6,
CS 1209 = -19.8,		CP 1123 = 23.4,	CP 1211 = -3.8,
CS 1210 = -12.2,		CP 1125 = 16.7,	CP 1213 = 2.6,
CS 1211 = -11.4,		CP 1127 = 18.6,	CP 1215 = 4.5,
CS 1212 = -15,		CP 1129 = 14.4,	CP 1217 = 4.4,
CS 1213 = -25.1,		CP 1131 = 4.9,	CP 1219 = 3.6,
CS 1214 = -27.6,		CP 1133 = 10,	CP 1221 = -0.2,
CS 1215 = -28.1,		CP 1135 = 3.9,	CP 1223 = 3.6,
CS 1216 = -21.9,		CP 1137 = 0.9,	CP 1225 = 2.9,
CS 1217 = -13,		CP 1139 = 3,	CP 1227 = 4.8,
CS 1218 = -22.9,		CP 1141 = 6.5,	CP 1229 = 0.8,
CS 1219 = -15.2,		CP 1143 = 10,	CP 1231 = 6.4,
CS 1220 = -7.7,		CP 1145 = 11.9,	CP 1233 = 8,
CS 1221 = -10.7,		CP 1147 = 8.3,	CP 1235 = 7.3,
		CP 1149 = 5.3,	

