1.0 Introduction

The tasks to be performed in connecting a G-box to IXI and establishing NJE/OSI
links from it to other NJE/OSI systems are identified in this document. An
estimate of the time necessary for the completion of each task is given. Work
plans for the achievement of this work for specific G-boxes and links are also
set out here.

Configuration details and test specifications are not given in this document,
but are contained in the following EARN Documents:

        EARN-IXI DOC90-2 -- Description of G-box Nodes
        EARN-IXI DOC90-13 -- Test Specification for NJE/OSI

2.0 Tasks and Time Estimates

Section numbers refer to EARN-IXI DOC90-13.

Task	Activity Description	Person Days	lapsed Time
A1	Preparation (section 3.2)		
T1.1	Upgrade to standard VMS level	2	
T1.2	Apply any software fixes for PSI, VOTS, Jnet	1	
T1.3	Plan connection to X.25 network	1	
T1.4	Obtain COSINE address	small	
T1.5	Install and configure X.25 network connection	1	
T1.6	Configure VOTS	small	
	Total for this activity	5	5+
A2	Phase 1 Per-node testing (section 3.3.1)		
T2.1	Cable verification (section 3.3.1.1)	0.5	
T2.2	Local loopback tests (sections 3.3.1.2 - .1.6)	0.5	

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              Total for this activity                 1        1+

  A3        Phase 1 Per-link testing (section 3.3.2)

     T3.1  Plan NJE definition(s) with remote site(s)   small
     T3.2  Pre-NJE tests (sections 3.3.2.1 - .2.3)       0.5
     T3.3  NJE tests (sections 3.3.2.4 - .2.6)           0.5

              Total for this activity                 1        1+

  A4        Phase 1 Report (section 3.4)

     T4.1  Write Report                                 1

              Total for this activity                 1        1+

  A5        Phase 2 Lead Site Testing (section 4.3.1)

     T5.1  Parameter Optimization                       15       25+
     T5.2  Protocol and File-Handling Overhead           1
     T5.3  Transport Protocol Comparison                 1
     T5.4  Develop monitoring procedures                 3
     T5.5  Report                                        3

              Total for this activity                23       30+

  A6        Phase 2 General Testing (section 4.3.2)

     T6.1  Throughput                                    1
     T6.2  Reliability                                   2        10
     T6.3  Report                                        1

              Total for this activity                 4       12+

  A7        Phase 3 Testing (section 5)

     T8.1  Planning                                      2
     T8.2  Pilot Operation                               2        20
     T8.3  Report                                        1

              Total for this activity                 5       23+

  A8        Phase 4 (section 6)

     T9.1  Planning                                      2
     T9.2  Implementation                                1
     T9.2  Report                                     small

              Total for this activity                 3        3+
```

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3.0 Work Plans

Legend:
 Planned activity, target completion date, over-run:  ----+ >>>#
 Completed activity and completion date:              ====#
 Underrun (early completion):                         ====# ----+
 Planned event or milestone:                              +
 Achieved event or milestone:                             #


Month                         September                October                        Nove
Monday Date                   3    10   17   24   1    8    15   22   29   5
Week Number                   36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4

Meetings:
 1st EARN-IXI mtg                            #
 IXI-CC/APM Vienna                                ##
 EARN-NOG/RPG Cairo                                                                    +

Week Number                   36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4

Prepare GBGBOX (PEB/PCMC/NOR)
        (T1.1)                     #
        (T1.2)                           #
        (T1.3 - T1.6)        #

Week Number                   36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4

Test Link GB/NL (PEB/PCMC)
 Phase 1 (A2 - A3)            # ----- ----+
 Phase 2 (A5 - A6, not T5.4)              ----- ----- ----- ----+ >>>>> >>>>> >>>>> >
 Phase 3 (A7)
 Reports                      # ----- ----+                ----+ >>>>> >>>>> >>>>> >

Week Number                   36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4

Test Link GB/IE (PEB/PCMC)
 Phase 1 (A2 - A3)            # ----- ----+
 Phase 2 (A5 - A6, not T5.4)              ----- ----- ----- ----+ >>>>> >>>>> >>>>> >
 Phase 3 (A7)
 Reports                      # ----- ----+                ----+ >>>>> >>>>> >>>>> >

Week Number                   36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4

Prepare IEGBOX (PCMC/TW)
        (T1.1)                           #
        (T1.2)                        #
        (T1.3 - T1.6)        #

Week Number                   36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4

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Test Link IE/GB -- see under GBGBOX

Week Number                     36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4

Test Link IE/NL (PEB/PCMC/TW)
 Phase 1 (A2 - A3)           #               +
 Phase 2 (A5 - A6, not T5.4)         ----- ----- ----- ----+ >>>>> >>>>> >>>>> >
 Phase 3 (A7)
 Reports                     # ----- ----+                 ----+ >>>>> >>>>> >>>>> >

Week Number                     36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4

Prepare NLGBOX (NOR/PCMC)
        (T1.1)               #
        (T1.2)                           #
        (T1.3 - T1.6)     #

Week Number                     36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4

Test Link NL/GB -- see under GBGBOX

Test Link NL/IE -- see under IEGBOX

Month                        September                October                      Nove
Monday Date                  3     10    17    24    1     8     15    22    29    5
Week Number                     36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4

Prepare HASEOC (NOR)
        (T1.1)               #
        (T1.2)                           #

 -- Datanet1 connection (NOR)
        (T1.3 - T1.6)     #

 -- Direct IXI connection (NOR)
        (T1.3 - T1.4)     #
        (T1.5)                                       +> >>>>> >>>#
        (T1.6)                                                     ----+

Week Number                     36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4

Test link HASEOC/NLGBOX (NOR)
 via IXI/SURFnet
        (A2 - A4)                                                           --
        (A6)
        (A7)

Week Number                     36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4

Test link HASEOC/IEGBOX (NOR/TW)

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```
 via IXI only
        (A2 - A4)                                                    --
        (A6)
        (A7)


Week Number                    36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4


Test link HASEOC/GBGBOX (NOR/PCMC)
 via Datanet1/IXI/JANET
        (A2 - A4)                                                    --
        (A6)
        (A7)


Week Number                    36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4


Test link HASEOC/FRGBOX (NOR/WS)
 via IXI/REUNIR
        (A2 - A4)                                                    --
        (A6)
        (A7)


Week Number                    36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4


Prepare FRGBOX (NOR/WS)
        (T1.1)                 #
        (T1.2)                         #
        (T1.5)                                                 #
        (T1.6)                                                 #


Week Number                    36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4


Interoperability Testing (NOR/PS)
 Acceptance of OSINJE 2.01            # ----+
 Demo FRGBOX-DBNGMD22                                    #


Week Number                    36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4


Develop Monitoring Procedures (NOR/DB/WS)
        (T5.4)


Week Number                    36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4


Prepare SEGBOX (NOR/AV)
        (T1.1 - T1.2)                                             ----+
        (T1.3 - T1.5)    #
        (T1.6)


Week Number                    36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4


Prepare CHGBOX (NOR/WS/TT)
        (T1.1 - T1.2)                                             ----+


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        (T1.3 - T1.4)                               #
        (T1.5)
        (T1.6)

Week Number                    36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4

Prepare NOGBOX (NOR/AV)
        (T1.1 - T1.2)                                                        ----+

Week Number                    36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4

Prepare ATGBOX (NOR/WS/TT)
        (T1.1 - T1.2)                                                        ----+

Month                     September              October                   Nove
Monday Date               3     10    17    24   1     8     15    22    29    5
Week Number                    36--- 37--- 38--- 39--- 40--- 41--- 42--- 43--- 44--- 4
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