

TIRKS®

The TIRKS System is an integrated Operations Support System that supports the total network provisioning process in terms of inventory management, circuit provisioning and circuit order control.

The TIRKS System is used to plan, provision and assign inter/intra-office facility and central office equipment inventory, track its associated circuit order activity, determine levels of inventory utilization and plan the need for inventory additions. Order tracking is accomplished by monitoring the system response to key dates within the life cycle of a circuit order flow.

The TIRKS System interfaces via NSDB and TCM to pass facility, equipment and circuit data to:

- OPS/INE for circuit inventory cross-connecting purposes.
- NMA for monitoring and servicing equipment/facility alarms.
- WFC for tracking installation/maintenance operation flows and field dispatch.
- ITS to enable testing access capabilities.
- PICS to initiate equipment/facility plug-in shipping order notices.

The TIRKS System is on an IBM MVS platform using an IMS application.

USER'S VALUE ADDED

- Reduction of service order intervals
- Automated design processing
- Aid to Flow-Thru
- Inventory economics
- Forecasting/Planning aid
- COMMON LANGUAGE® standardization
- Tunable flexibility
- Automated design processing
- Flow-Thru
- Standardized implementation and Testing methods
- Universal equipment encoding techniques
- Downstream OS support cooperation

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Compatible Network Elements

C.O Switching System, SONET
ADM, DLC, MUX, EDSX, DCS,
TA

Upstream Systems

CLEI, SOAC, FCIF,
SWITCH, DLE,
LFACS, FEPS

Downstream Systems

NSDB, NMA, OPS/INE,
ITS

RELEASE CYCLE SUPPORT DELIVERIES:

May and November time frames

SUPPLIER MILESTONES

<u>TIRKS</u>	<u>Estimated Weeks Prior to Support</u>
Supplier provides stable documentation for TIRKS work	24
NE CLEIs acquired and provided to OSMINE by Common Language	16
Supplier authorization to <u>start</u> and bill for work	16
Draft OSIA for downstream OS support	4
Support available to user (non-software)	Final OSIA

Scheduling Notes

Prior to entering into OSMINE contracts, a Proprietary Agreement and a Master OSMINE Agreement must be authorized and in place by both the NE Supplier and Telcordia Technologies.

If support for more than one system is desired or needed (upstream systems to a desired system) than a critical path has to be developed that includes the proper sequencing of related information, thereby having an additive effect on the above schedules.

The above abbreviated milestone list does not include dates associated with various reports, test plans, requirement documents, etc. that are generated by Telcordia Technologies in the OSMINE support process which then require timely input (comments, etc.) by the Supplier in order to realize the Supplier's expected support date(s).

Documentation Required by TIRKS:

- Identification - what is it
- Description - what does it do
- Interfacing - how is it used
- Placement - where is it used
- Circumstance - when is it used
- Operation - how does it work
- Componentry - what makes it work