EXHIBIT 5

USER'S MANUAL

SeeGull-DX^{TM}

High-Speed Drive Test Scanning Receiver

Receiver

User's Manual

Release 0.1
October 12, 1998

TRADEMARKS

SeeGull™ and *SeeGull-DX*™ are trademarks of Dynamic Telecommunications, Inc. (DTI).

All other products or services mentioned in this document are identified by the trademarks or service marks of their respective companies or organizations.

NOTICES AND WARRANTY INFORMATION

The information in this document is subject to change without notice and should not be construed as a commitment by DTI. DTI assumes no responsibility or makes no warranties for any errors or omissions contained in this document and disclaims any implied warranty of merchantability or fitness for a particular purpose.

COPYRIGHT INFORMATION

No part of this document may be used or copied in any form or any means without prior written consent of DTI.

ALL RIGHTS RESERVED

II

Table of Contents

1. Introduction

This document is a user's manual for the *SeeGull-DX*™ high-speed drive test-scanning receiver. It is a part of a documentation package that describes DTI's *SeeGull* and *SeeGull-DX*™ products and related applications.

This manual is organized into the following sections:

Section 1   *Introduction (this section)* – defines the purpose and presents an overview of the manual

Section 2   *References Cited* – Standards and other technical documents referred to in the present manual.

Section 3   *Applicability* – lists the models of the SeeGull-DX receiver that are covered by the manual and also system options.

Section 4   *General Description and Compliance Statement* - a general description of the SeeGull-DX receiver and the agency approval notice.

Section 5   *System Configuration* – describes the required system configuration for the SeeGull-DX receiver, connections, and PC and software requirements.

Section 6   *SeeGull-DX Installation* – describes how to integrate SeeGull-DX in the user's test system.

Section 7   *Operation and Software Interface* – describes how to use the SeeGull-DX
receiver.

Section 8   *Technical Specifications.*

Appendix A   *Ordering Information*

Appendix B   *Support* – provides contact information for customer support and future upgrades

2. References Cited

1. The SeeGull^{tm} Radio Scanner Applications Programming Interface (API) Specification. Release 0.3. DTI, November 5, 1997.

2. InSite^{tm} Drive Test Data Collection Tool User's Manual. Release 1.0,. DTI, May 20, 1998.

3. SeeGull-DX^{tm} User's Manual. DTI, October 1998.

4. SeeGull^{tm} Radio Interface Specification. DTI, May 1998.

3. Applicability

The present manual covers the SeeGull-DX^{tm} receiver: The SeeGull^{tm} receiver is covered by another manual [3].

Each of the two models comes in several protocol versions listed in section 8 and Appendix A. The differences between the options concern the operating frequency range, bandwidth, modulation type and measurement features, and additional equipment, such as GPS receiver board. All options share same circuit boards (different for SeeGull and SeeGull-DX), but may have different parts and software installed.