Navy Center for Tactical Systems Interoperability

Navy JTIDS Network Design Facility

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NETWORK NANO0004A

(U. S. NAVY NETWORK 38)

NETWORK DESCRIPTION

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20 OCTOBER 2000

Prepared by:

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Section 1 - INTRODUCTION

Network NANO0004A has been developed to support NATO activity in the Adriatic area of operation. Specifically, this network seeks to provide a primary JTIDS/Link 16 'backbone' for data exchange and to provide constituted loads for the increased number of platforms deployed into theatre.

Special U.S. Navy Loading procedures.

There are no JTIDS air control capabilities in this network

AEGIS Model 5 platforms require special procedures in order to load this network. These procedures are in the air control and surveillance functional areas as noted below.

- ***A pseudo air control parameter has been designed into the network to facilitate AEGIS Model 5 platform loading. AEGIS platforms should enter Air Control Option 1*. This function is not displayed in this documentation.**

- ***When an AEGIS Model 5 platform is assigned User Sequence Number 2 or 3, which is Ship 2 or 3, (Center Group) slots, they must select Surveillance Option 1, Surveillance Sequence Numbers 4 or 5 in order to load. Additional details are listed in the NPG 7 description in Section 2.***

PURPOSE

The purpose of this document is to describe Network NANO0004A. ***For U.S. Navy only, this network will be referred to as Network 38 for platform loading and initialization purposes***. Developed by the U.S. Navy Network Design Facility, this document is being delivered along with the appropriate loading media containing the network data to be loaded by the Mission Support Systems supporting JTIDS terminal initialization for U.S. Navy platforms. The network will also be distributed to other network design facilities. Other service platforms need to contact their service Network Design Facility (NDF) for their loading media.

Network NANO0004A is identified by the following:

Library Number (JNL ID):	Refer to media label (JNL # is also specified in OPTASK Link)
Network Number:	38[1] (formerly Network 240 in JNL 11)
Originating Activity:	NCTSI Navy Network Design Facility, San Diego, CA.

[1] This network was formerly Navy Network 240 in JNL 11. With promulgation of JNL 200, Network 38 replaces Network 240/JNL 11 for Navy platform loading and initialization purposes of Network NANO0004A.

SCOPE

Section 2 – Network Description. Operational summary of the network. It lists the network participants. Additionally, it describes platform ID, user sequence numbers, parameters, option design files and the communication capabilities of the network design via NPG descriptions.

Appendix A – Time Slot Allocations. Contains the time slot block assignments for each participant in the network.

Appendix B – Option Time Slot Assignments. Contains the time slot block assignments for each of the Design File Options available in the network for U.S. Navy platforms.

Appendix C – Non-Time Slot Initialization Parameters. Contains the initialization parameters (excluding time slot assignments) defined for U.S. Navy platforms.

Appendix D – Supplemental Information. Contains the Connectivity Matrix, Timeline, unit pulse density/time slot duty factor (TSDF) calculations, Network Allocation Table and COMSEC Reference Table representing the design of the network.

Section 2 - NETWORK DESCRIPTION

For network design purposes, the participants are grouped into four communities: North, Centre, South and Battle Group (assumed to be located south of Group South). With the primary access point for the Serial TADIL-J feed to CAOC located within Group North, extensive use of multi-hop relay was required to meet the primary requirements of the design – this had significant impact on available network capacity.

- North Group: E3(1), MULTS(1)*, CRC(1), Rosetta(1)
- Centre Group: E3(2), RJ(1), Ships(2) and (3), CRC(2), FAAD(1)/2, E3_199(1)/2
- South Group: E3(3), RJ(2), JSTARS(1), ABCCC(1)/2
- Battle Group: E2C(1)/4, Ships(4), (5) and (6)

*MULTS=ship (1)

Connectivity between communities is supported by the use of flood relay by airborne C2 platforms within each group. In Groups North, Centre and South, the AEW platform is assumed to be the primary relay platform. In Battle Group, an E-2C (if present) is the primary relay platform. When multiple airborne C2 platforms are available, some connectivity redundancy is provided, dependent on location and Line-of-Sight (LOS) considerations. The network incorporates RTT-B, PPLI-B, Network Management, Surveillance, Mission Management, Electronic Warfare, one 16 Kbps voice channel with relay, Indirect PPLI, Freetext, IJMS for the use of free text between platforms during mission handover, and needlines for the FAADs.

PARTICIPANTS

Network NANO0004A supports a total of 27 participants. The participants are comprised of the platforms identified in the Table 1 below. Specific Navy platforms have been assigned a User Sequence Number for JNL identification purposes. Specific mapping of the Navy User Sequence Numbers to the platforms is contained in the connectivity matrix in Appendix D.

Table 1: Participants List

Quantity	Platform	Platform Type	Service	User Sequence Number
3	E3	N/A	USAF	N/A
1	MULTS	3	USN	1
3	CRC	N/A	-	N/A
1	ROSETTA	1	USN	1
2	RIVET JOINT	N/A	USAF	N/A
2	FAAD	N/A	USA	N/A
2	E3 (H/O)	N/A	USAF	N/A
1	JSTARS	N/A	USAF	N/A
2	ABCCC	N/A	USAF	N/A
1	TAOM	N/A	-	N/A
4	E2C	1	USN	2 – 5
5	SHIPS	3	USN	2 – 6

PLATFORM TYPES

Navy platform types are assigned a fixed platform type number. These are “1” for E-2Cs, "2" for F-14Ds and “3” for ships and submarines. Other service platforms are not assigned a platform ID in Navy networks.

USER SEQUENCE NUMBERS WITHIN PLATFORM TYPE

User sequence numbers are assigned to each Navy platform type. For example, ships and submarines are assigned user sequence numbers 1 – X, E-2Cs are assigned user sequence numbers 1 – X, and F-14Ds are assigned user sequence numbers 1 - X, where X is the number of units in each platform type. Other service platforms do not employ user sequence numbers.

PLATFORM ID

Currently there are three (3) shipboard platform type identities. These identify the platform as CV, CG, or DDG. In earlier networks, each shipboard user sequence was pre-assigned as a specific platform ID (CV, CG or DDG) for simplicity. Current network

requirements for flexibility make it impractical to continue pre-assigning a specific platform ID to each sequence number at network design. In this network, the Platform ID is set to "No Statement" on all of the shipboard user sequence numbers. The shipboard user sequence numbers are referred to nominally as "ship 1, ship 2, ship 3, etc.," in documentation. Most platforms can overwrite the Platform ID number to properly identify their unit on the network. However, some C2P versions cannot perform this overwrite and will be identified on the data link as a "Surface Friend Line" rather than actual Platform ID (Surface Friend (CV, CG, DDG)). This is preferable to having an incorrect Platform ID transmitted over the data link. This method also allows OPTASK Link planners to assign any shipboard platform to any user sequence number. Refer to the connectivity matrix in Appendix D to observe the user sequence numbers and nominal platform types (ship 1, ship 2, etc.).

PARAMETERS

Each network requires the identification of initialization parameters that configure the terminal to the structure of the network.

Time slot parameters are defined by the terminal initialization blocks 3 to 15 in the network design, where time slot blocks are allocated to each participant in the network.

- Each participant is given transmit and receive slot blocks, which meet the capacity requirements defined for it in the Network Participation Groups (NPGs) section of this document.

- The available Surveillance, Air Control and Fighter-to-Fighter transmit slot block assignments are contained in the design files.

- Identified participants are given paired slot relay block assignments that meet the requirements for the relays defined in the Network Participation Groups (NPGs) section of this document.

Non-time slot block (NTSB) parameters are based on network design requirements and specific platform requirements. The NTSB values reflect both default values specified in the Interface Control Documents and preset values required supporting the platform implementation. Table 2 below lists some of the essential parameters that link operators and managers should be aware of when using this network. Appendix C contains the complete list of NTSB parameters for Navy platforms in this network. Non-time slot parameters for other service platforms are provided by their respective Network Design Facility.

Table 2: Network Parameters

PARAMETER	VALUE
TDMA XMIT Mode	Normal
IPF Override	Exercise
TDMA Range	Normal
Communications Mode	Mode 1
Organizational User Type	Primary
Default Net Number	Net 0
Default TSEC Variable	CVLL 1
Default MSEC Variable	CVLL 1
Variable Location 1	CVLL 1
Variable Location 0	CVLL 1

DESIGN FILES

Each JNL may include additional files that provide optional variations of a network design. These variations are option design files for Surveillance, Air Control and Fighter-to-Fighter NPGs used by Navy platforms. Network ANDO0028C does not have JTIDS fighters. Therefore, Air Control and Fighter-to-Fighter option design files are not available in the network, but are described here for information purposes only. This network contains option design files for Surveillance NPG only. However, a pseudo Air Control Option parameter has been inserted to facilitate loading by AEGIS Model 5 platforms. These platforms should enter Air Control Option 1 .

SURVEILLANCE NPG

A Surveillance Design file contains a reallocation of time slots to the participants of a network's Surveillance NPG. Each design option consists of a complete set of files for each potential Navy platform surveillance participant. A surveillance file contains the unique transmit time slot assignments for one participant on this NPG. Appendix B contains the Surveillance Design File Options and transmit time slot assignments in the network.

AIR CONTROL NPG

An Air Control Design file contains a reallocation of time slots to the backlink participants of a network's Air Control NPG. Each design option consists of a complete set of files for each of the potential Air Control backlink participants. An Air Control file contains the unique transmit time slot assignments for one participant on this NPG. Since this network does not have JTIDS fighters, the Air Control NPG and design file options are not available. However, a pseudo Air Control Option parameter has been inserted to facilitate loading by AEGIS Model 5 platforms. These platforms should enter Air Control Option 1.

FIGHTER TO FIGHTER NPG

A Fighter-to-Fighter Design file contains a reallocation of time slots to the participants of a network's Fighter-to-Fighter NPG. Each design option consists of a complete set of files for each of the potential Fighter-to-Fighter participants. A Fighter-to-Fighter file contains the unique transmit time slot assignments for one participant on this NPG. Since there are no JTIDS fighters in this network, the Fighter-to-Fighter NPG and design file options are not available.

NETWORK PARTICIPATION GROUPS (NPGs)

This section describes the communication capabilities of each of the NPGs supported by the network. The information presented on the following pages is also presented in the connectivity matrix in Appendix D.

1. RTT B (NPG 3)

a. Participants: All units.

b. Access: Contention Access (Value: 4 = 3 per 24 seconds)

c. Capacity: 8 slots/frame

d. Relay: None

e. Assigned Net: Net 0

f. Packing Limit: RTT

g. Comments: None

2. PPLI B (NPG 6)

a. Participants: All

b. Access: Dedicated

c. Capacity: 1 s/f/u

d. Relay: Yes. (Three hop relay)

e. Assigned Net: Net 0

f. Packing Limit: P2DP

g. Comments: None

3. SURVEILLANCE (NPG 7)

a. Participants: E3s, CRC(1), CRC(2), Rosetta, RJs, JSTARS, ABCCCs, Ships, E2Cs

b. Access: Dedicated

c. Capacity:
(1) Ship(4)(5)(6) and E2C(2)(3)(4)(5) - Option Pool/72 slots/144 track capacity
(2) Ship(2)(3) - 16 s/f/u - 64 track capacity
(3) E3(1) - 32 s/f/u - 128 track capacity
(4) CRC(1)/2 - 16 s/f/u - 128 track capacity
(5) Rosetta(1) - 4 s/f/u - 16 track capcity
(6) E3(2)(3) - 48 s/f/u - 384 track capacity
(7) RJ(1)/2 - 8 s/f/u - 64 track capacity
(8) JSTARS - 16 s/f/u - 64 track capacity
(9) ABCCC(1)/2 - 8 s/f/u - 64 track capacity

d. Relay: Yes. Double hop relay for North, South and BG; single hop relay for Center.

e. Assigned Net: Net 0
Net 1: 16 slots of Navy option pool.

f. Packing Limit:
(1) Ships and E2Cs - P2DP
(2) All others - P4SP

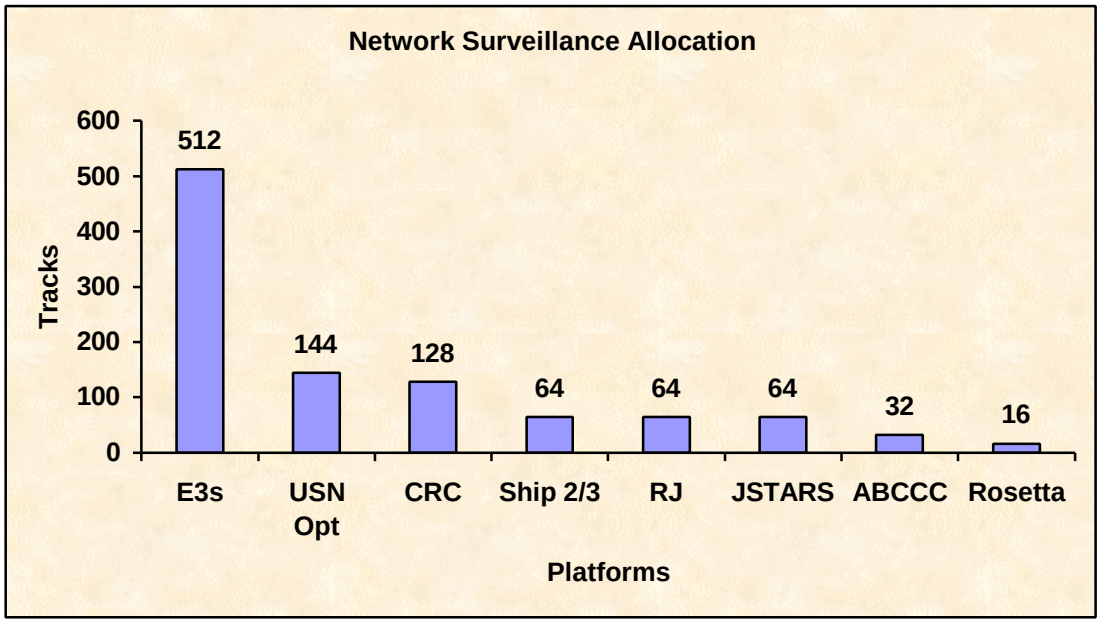
g. Comments: **AEGIS Model 5 platforms assigned User Sequence Number 2 and 3, which are ship(2) and ship(3) (Center Group) slots, must select Option 1 Surveillance Sequence numbers 4 and 5 for platform loading initialization.**

*******AEGIS MODEL 5 SURVEILLANCE NOTE*******

Ships (2) and (3) have 32 dedicated surveillance tracks each and do not participate in the option pool. However, if AEGIS Model 5 platforms are assigned to User Sequence Number 2 and 3, which are Ship(2) and (3) slots, they must select Option 1 Surveillance Sequence Number 4 and 5 (regardless of the option/sequences selected by other units) for platform loading initialization.

Option 1 sequence 4 and 5 are only for Ship(2) and (3) loading procedures and have zero capacity in the option pool.

Total Network Surveillance Allocation Graph

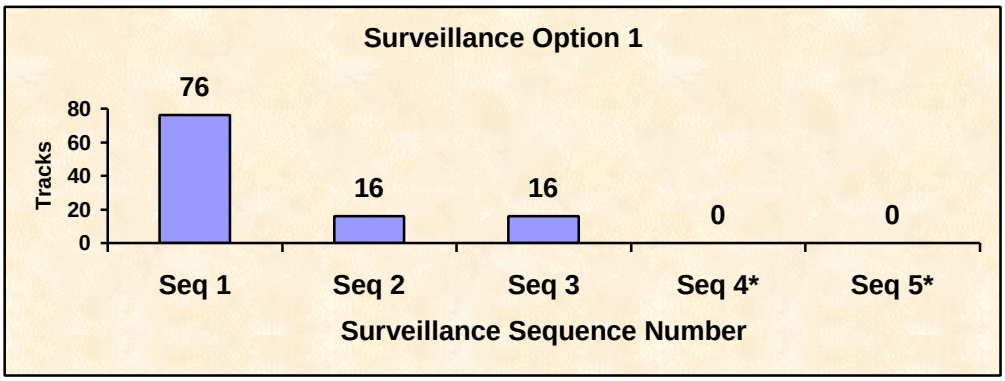


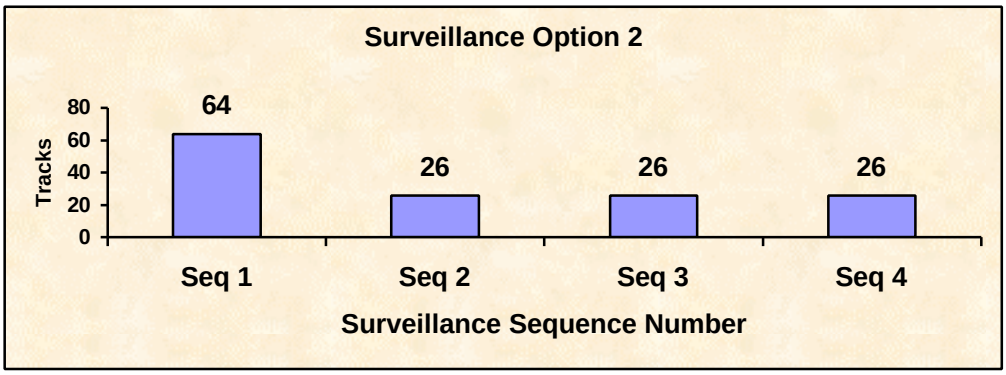
Surveillance Design File Option Table

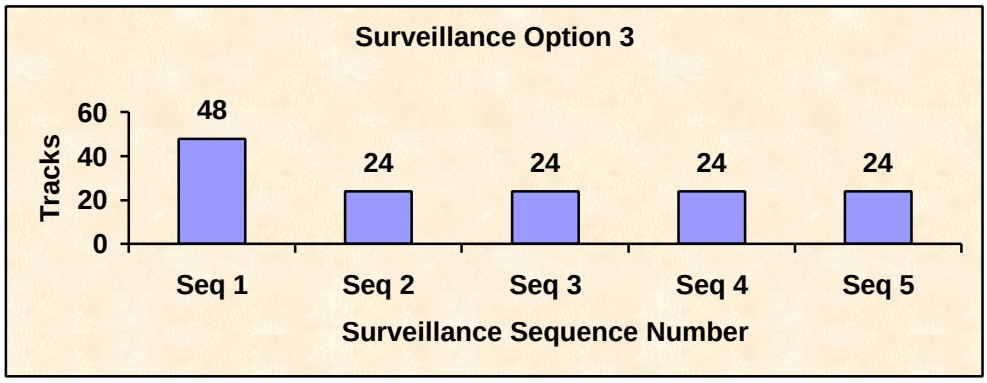
Option Number	Surveillance Sequence Number/Tracks Per Unit/12 Sec 144 Total Track Capacity (Options 1 – 5)								
	1	2	3	4	5	6	7	8	9
1	76	32	32	*0	*0	-	-	-	-
2	64	26	26	26	-	-	-	-	-
3	48	24	24	24	24	-	-	-	-
4	40	20	20	20	20	20	-	-	-
5	48	16	16	16	16	16	16	-	-

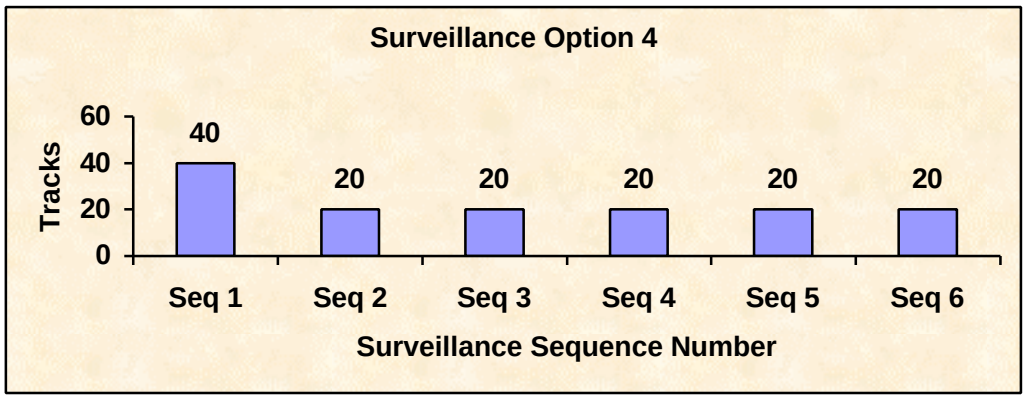
* For AEGIS Mod 5 Ships: When assigned as ship(2) or (3), which are User Sequence Numbers 2 and/or 3, use Option 1 Sequence 4 and/or 5 to facilitate C2P loading procedures. Option 1, Sequence numbers 4 and 5 have zero capacity in the option pool.

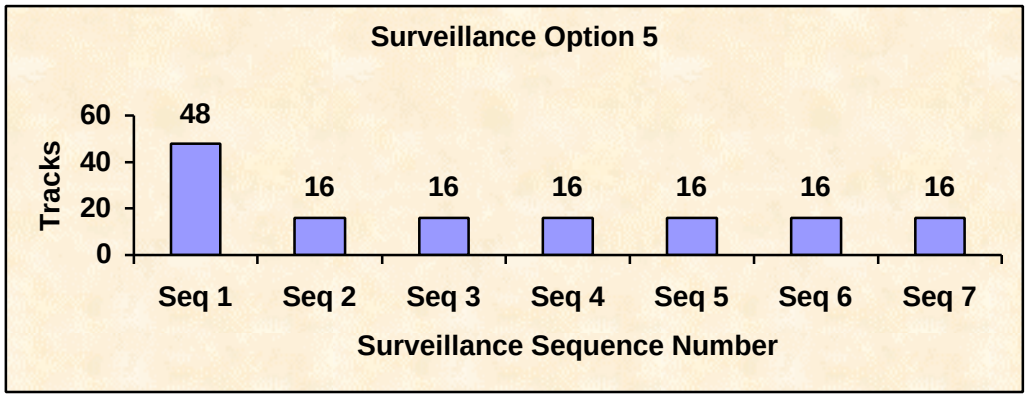
Surveillance Design File Option Graphs











4. MISSION MANAGEMENT (NPG 8)

a. Participants: E3s, CRCs(1)(2), Ships, E-2Cs

b. Access: Dedicated

c. Capacity: 4 s/f/u

d. Relay: Yes. Double hop relay for North, South and BG; single hop for Center.

e. Assigned Net: Net 0

f. Packing Limit: (1) Ships and E-2Cs - P2DP
(2) E3s and CRCs - P4SP.

g. Comments: None

5. ELECTRONIC WARFARE (NPG 10)

a. Participants: E3s, RJs, Ships, E-2Cs

b. Access: Dedicated

c. Capacity:

(1) E3s	4 s/f/u
(2) RJ	8 s/f/u
(3) Ships(2)(3)	4 s/f/u
(4) Ships(4)(5)(6)	2 s/f/u
(5) E-2Cs	2 s/f/u

d. Relay. Yes. Two hop relay for North, South and BG; si ngle hop for Center; second hop is relayed on Net 1.

e. Assigned Net: Net 0

f. Packing Limit: (1) Ships and E-2Cs - P2DP
(2) E3s and RJs - P4SP

g. Comments: None

6. VOICE (NPG 12)

a. Participants: All, except FAADS, JSTARS and ABCCCs.

b. Access: Dedicated with slot reuse.

c. Capacity: 112 slots/frame. All participants use a common pool of 112 time slots to support 16 Kbps voice.

d. Relay: Yes. Single hop.

e. Assigned Net: 127 (Stacked Net)

f. Packing Limit: P4SP

g. Comments: None

7. INDIRECT PPLI (NPG 14)

a. Participants: USN surface units.

b. Access: Dedicated slot reuse.

c. Capacity: 8 slots/frame

d. Relay: E2C relays pool; double hop relay.

e. Assigned Net: Net 0

f. Packing Limit: P2DP

g. Comments: Data Forwarder assigned in accordance with OPTASK Link.

8. RESIDUAL (NPG 29)

a. Participants: E3s, E3(199.1)/2, Rosetta, JSTARS, ABCCC, TAOM

b. Access: Dedicated

c. Capacity: 32 time slots per frame

d. Relay: No

e. Assigned Net: Net 0

f. Packing Limit: Standard

g. Comments: None

9. IJMS T-MESSAGES (NPG 31)

a. Participants: E3s, and E-3 (199.1)/2

b. Access: Dedicated

c. Capacity: 2 s/f/u

d. Relay: No

e. Assigned Net: Net 0

f. Packing Limit: Standard

g. Comments: None

10. NEEDLINE (NPG 401)

a. Participants: FAADs

b. Access: Dedicated

c. Capacity: 64 s/f/u

d. Relay: No

e. Assigned Net: Net 0

f. Packing Limit: Standard

g. Comments: None

Appendix A

TIME SLOT ALLOCATIONS

This appendix contains time slot block assignments for all participants of the network. See Appendix B for the assigned option sequence number transmit time slot assignments for Navy surveillance participants.

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E-3(1)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
E3(1)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	1	B	0	6	0	0
	3	T	7	32	32	6.1	0	A	2	11	0	0
	4	T	8	4	4	9.1	0	A	10	8	0	0
	5	T	10	4	4	12.1	0	A	42	8	0	0
	6	T	12	112	64	70.1	0	C	1	12	127	0
	7	T	12		32	70.2	0	C	5	11	127	0
	8	T	12		16	70.3	0	C	13	10	127	0
	9	T	29	32	32	72.1	0	B	8	11	0	0
	10	T	31	2	2	73.1	1	C	29	7	0	0
	11	R	7	8	8	30.1	0	C	24	9	0	0
	12	R	7	8	8	31.1	0	C	26	9	0	0
	13	R	10	8	8	32.1	0	C	56	9	0	6
	14	R	7	8	8	54.1	0	C	30	9	0	0
	15	R	10	8	8	56.1	0	C	62	9	0	0
	16	R	7	16	16	58.1	0	C	6	10	0	0
	17	R	7	16	16	60.1	0	C	22	10	0	0
	18	R	7	72	32	63.1	0	B	5	11	0	0
	19	R	7		16	63.2	0	B	9	10	0	0
	20	R	7		8	63.3	0	B	30	9	0	0
	21	R	7		8	63.4	0	A	19	9	0	0
	22	R	7		4	63.5	0	B	62	8	0	0
	23	R	7		4	63.6	0	A	113	8	0	0
	24	R	8	32	32	66.1	0	B	15	11	0	0
	25	R	10	16	8	69.1	0	A	63	9	0	0
	26	R	10		8	69.2	0	A	59	9	0	0
	27	R	31	16	16	73.1	0	C	29	10	0	0
	28	Y	6	32	32	2.1	0	B	0	11	0	11
	29	Y	6	32	32	3.1	0	A	4	11	0	12
	30	Y	6	32	32	4.1	0	A	8	11	0	12
	31	Y	7	16	16	15.1	0	A	5	10	0	6
	32	Y	8	4	4	18.1	0	A	21	8	0	6
	33	Y	7	4	4	21.1	0	A	85	8	0	6
	34	Y	7	48	32	24.1	0	C	0	11	0	6
	35	Y	7		16	24.2	0	A	26	10	0	12
	36	Y	8	4	4	26.1	0	C	8	8	0	6
	37	Y	10	4	4	28.1	0	C	72	8	0	6
	38	Y	7	16	8	34.1	0	C	12	9	0	6
	39	Y	7		4	34.2	0	C	44	8	0	6
	40	Y	7		4	34.3	0	A	79	8	0	6
	41	Y	8	4	4	36.1	0	C	108	8	0	6
	42	Y	7	32	16	38.1	0	A	1	10	0	6
	43	Y	7		16	38.2	0	A	29	10	0	8
	44	Y	8	8	4	40.1	0	A	74	8	0	12
	45	Y	8		4	40.2	0	B	119	8	0	6
	46	Y	10	8	8	42.1	0	C	40	9	0	6
	47	Y	7	48	32	45.1	0	B	4	11	0	6
	48	Y	7		16	45.2	0	B	12	10	0	6
	49	Y	8	4	4	48.1	0	B	28	8	0	8
	50	Y	10	4	4	51.1	0	B	92	8	0	8
	51	Y	12	112	64	70.1	0	C	1	12	127	6
	52	Y	12		32	70.2	0	C	5	11	127	6
	53	Y	12		16	70.3	0	C	13	10	127	6
	54	Y	14	8	8	75.1	0	A	48	9	0	9

SHIP(1)/MULTS(1)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
SHIP(1)/	1	T	3	8	8	1.1	0	A	32	9	0	0
MULTS(1)	2	T	6	1	1	2.1	2	B	256	6	0	0
	3	T	12	112	64	70.1	0	C	1	12	127	0
	4	T	12		32	70.2	0	C	5	11	127	0
	5	T	12		16	70.3	0	C	13	10	127	0
	6	R	6	32	32	2.1	0	B	0	11	0	0
	7	R	6	32	32	3.1	0	A	4	11	0	0
	8	R	6	32	32	4.1	0	A	8	11	0	0
	9	R	6	32	32	5.1	0	A	12	11	0	0
	10	R	7	32	32	6.1	0	A	2	11	0	0
	11	R	8	4	4	9.1	0	A	10	8	0	0
	12	R	10	4	4	12.1	0	A	42	8	0	0
	13	R	7	16	16	15.1	0	A	5	10	0	0
	14	R	7	16	16	16.1	0	A	7	10	0	0
	15	R	8	4	4	18.1	0	A	21	8	0	6
	16	R	7	4	4	21.1	0	A	85	8	0	0
	17	R	7	4	4	22.1	0	A	87	8	0	0
	18	R	7	48	32	24.1	0	C	0	11	0	0
	19	R	7		16	24.2	0	A	26	10	0	0
	20	R	7	48	32	25.1	0	C	2	11	0	0
	21	R	7		16	25.2	0	A	30	10	0	0
	22	R	8	4	4	26.1	0	C	8	8	0	6
	23	R	10	4	4	28.1	0	C	72	8	0	6
	24	R	7	8	8	30.1	0	C	24	9	0	0
	25	R	7	8	8	31.1	0	C	26	9	0	0
	26	R	10	8	8	32.1	0	C	56	9	0	6
	27	R	7	16	8	35.1	0	C	14	9	0	0
	28	R	7		4	35.2	0	C	46	8	0	0
	29	R	7		4	35.3	0	A	81	8	0	0
	30	R	8	4	4	37.1	0	C	110	8	0	0
	31	R	7	32	16	39.1	0	A	3	10	0	0
	32	R	7		16	39.2	0	C	31	10	0	0
	33	R	8	8	4	41.1	0	A	78	8	0	0
	34	R	8		4	41.2	0	B	121	8	0	0
	35	R	10	8	8	43.1	0	C	42	9	0	0
	36	R	7	48	32	45.1	0	B	4	11	0	0
	37	R	7		16	45.2	0	B	12	10	0	0
	38	R	7	48	32	46.1	0	B	6	11	0	0
	39	R	7		16	46.2	0	B	14	10	0	0
	40	R	8	4	4	48.1	0	B	28	8	0	0
	41	R	8	4	4	49.1	0	A	31	8	0	0
	42	R	10	4	4	51.1	0	B	92	8	0	0
	43	R	10	4	4	52.1	0	A	95	8	0	0
	44	R	7	8	8	54.1	0	C	30	9	0	0
	45	R	10	8	8	56.1	0	C	62	9	0	0
	46	R	7	16	16	58.1	0	C	6	10	0	0
	47	R	7	16	16	60.1	0	C	22	10	0	0
	48	R	7	72	32	63.1	0	B	5	11	0	0
	49	R	7		16	63.2	0	B	9	10	0	0
	50	R	7		8	63.3	0	B	30	9	0	0
	51	R	7		8	63.4	0	A	19	9	0	0
	52	R	7		4	63.5	0	B	62	8	0	0
	53	R	7		4	63.6	0	A	113	8	0	0
	54	R	8	32	32	66.1	0	B	15	11	0	0
	55	R	10	16	8	69.1	0	A	63	9	0	0
	56	R	10		8	69.2	0	A	59	9	0	0
	57	R	14	8	8	75.1	0	A	48	9	0	0
	58	R	14	8	8	76.1	0	A	51	9	0	0
	59	Y	12	112	64	70.1	0	C	1	12	127	6
	60	Y	12		32	70.2	0	C	5	11	127	6
	61	Y	12		16	70.3	0	C	13	10	127	6

CRC(1)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
CRC(1)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	3	B	128	6	0	0
	3	T	7	16	16	15.1	0	A	5	10	0	0
	4	T	8	4	4	18.1	0	A	21	8	0	6
	5	T	12	112	64	70.1	0	C	1	12	127	0
	6	T	12		32	70.2	0	C	5	11	127	0
	7	T	12		16	70.3	0	C	13	10	127	0
	8	R	6	32	32	2.1	0	B	0	11	0	0
	9	R	6	32	32	3.1	0	A	4	11	0	0
	10	R	6	32	32	4.1	0	A	8	11	0	0
	11	R	6	32	32	5.1	0	A	12	11	0	0
	12	R	7	32	32	6.1	0	A	2	11	0	0
	13	R	8	4	4	9.1	0	A	10	8	0	0
	14	R	7	16	16	16.1	0	A	7	10	0	0
	15	R	7	4	4	21.1	0	A	85	8	0	0
	16	R	7	4	4	22.1	0	A	87	8	0	0
	17	R	7	48	32	24.1	0	C	0	11	0	0
	18	R	7		16	24.2	0	A	26	10	0	0
	19	R	7	48	32	25.1	0	C	2	11	0	0
	20	R	7		16	25.2	0	A	30	10	0	0
	21	R	8	4	4	26.1	0	C	8	8	0	6
	22	R	7	8	8	30.1	0	C	24	9	0	0
	23	R	7	8	8	31.1	0	C	26	9	0	0
	24	R	7	16	8	35.1	0	C	14	9	0	0
	25	R	7		4	35.2	0	C	46	8	0	0
	26	R	7		4	35.3	0	A	81	8	0	0
	27	R	8	4	4	37.1	0	C	110	8	0	0
	28	R	7	32	16	39.1	0	A	3	10	0	0
	29	R	7		16	39.2	0	C	31	10	0	0
	30	R	8	8	4	41.1	0	A	78	8	0	0
	31	R	8		4	41.2	0	B	121	8	0	0
	32	R	10	8	8	43.1	0	C	42	9	0	0
	33	R	7	48	32	45.1	0	B	4	11	0	0
	34	R	7		16	45.2	0	B	12	10	0	0
	35	R	7	48	32	46.1	0	B	6	11	0	0
	36	R	7		16	46.2	0	B	14	10	0	0
	37	R	8	4	4	48.1	0	B	28	8	0	0
	38	R	8	4	4	49.1	0	A	31	8	0	0
	39	R	10	4	4	51.1	0	B	92	8	0	0
	40	R	10	4	4	52.1	0	A	95	8	0	0
	41	R	7	8	8	54.1	0	C	30	9	0	0
	42	R	10	8	8	56.1	0	C	62	9	0	0
	43	R	7	16	16	58.1	0	C	6	10	0	0
	44	R	7	16	16	60.1	0	C	22	10	0	0
	45	R	7	72	32	63.1	0	B	5	11	0	0
	46	R	7		16	63.2	0	B	9	10	0	0
	47	R	7		8	63.3	0	B	30	9	0	0
	48	R	7		8	63.4	0	A	19	9	0	0
	49	R	7		4	63.5	0	B	62	8	0	0
	50	R	7		4	63.6	0	A	113	8	0	0
	51	R	8	32	32	66.1	0	B	15	11	0	0
	52	R	14	8	8	75.1	0	A	48	9	0	0
	53	R	14	8	8	76.1	0	A	51	9	0	0
	54	Y	12	112	64	70.1	0	C	1	12	127	6
	55	Y	12		32	70.2	0	C	5	11	127	6
	56	Y	12		16	70.3	0	C	13	10	127	6

ROSETTA(1)/E2C(1)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
ROSETTA(1)/	1	T	3	8	8	1.1	0	A	32	9	0	0
E2C(1)	2	T	6	1	1	2.1	4	B	384	6	0	0
	3	T	7	4	4	21.1	0	A	85	8	0	0
	4	T	12	112	64	70.1	0	C	1	12	127	0
	5	T	12		32	70.2	0	C	5	11	127	0
	6	T	12		16	70.3	0	C	13	10	127	0
	7	T	29	32	32	72.1	0	B	8	11	0	0
	8	R	7	16	16	16.1	0	A	7	10	0	0
	9	R	8	4	4	19.1	0	A	23	8	0	0
	10	R	7	4	4	22.1	0	A	87	8	0	0
	11	R	7	32	16	39.1	0	A	3	10	0	0
	12	R	7		16	39.2	0	C	31	10	0	0
	13	R	8	8	4	41.1	0	A	78	8	0	0
	14	R	8		4	41.2	0	B	121	8	0	0
	15	R	10	8	8	43.1	0	C	42	9	0	0
	16	R	7	48	32	45.1	0	B	4	11	0	0
	17	R	7		16	45.2	0	B	12	10	0	0
	18	R	7	48	32	46.1	0	B	6	11	0	0
	19	R	7		16	46.2	0	B	14	10	0	0
	20	R	8	4	4	48.1	0	B	28	8	0	0
	21	R	8	4	4	49.1	0	A	31	8	0	0
	22	R	10	4	4	50.1	0	B	90	8	0	14
	23	R	7	8	8	54.1	0	C	30	9	0	0
	24	R	10	8	8	56.1	0	C	62	9	0	0
	25	R	7	16	16	57.1	0	C	4	10	0	0
	26	R	7	16	16	58.1	0	C	6	10	0	0
	27	R	7	16	16	59.1	0	C	20	10	0	0
	28	R	7	16	16	60.1	0	C	22	10	0	0
	29	R	7	72	32	63.1	0	B	5	11	0	0
	30	R	7		16	63.2	0	B	9	10	0	0
	31	R	7		8	63.3	0	B	30	9	0	0
	32	R	7		8	63.4	0	A	19	9	0	0
	33	R	7		4	63.5	0	B	62	8	0	0
	34	R	7		4	63.6	0	A	113	8	0	0
	35	R	8	32	32	66.1	0	B	15	11	0	0
	36	R	10	16	8	69.1	0	A	63	9	0	0
	37	R	10		8	69.2	0	A	59	9	0	0
	38	R	14	8	8	75.1	0	A	48	9	0	0
	39	R	14	8	8	76.1	0	A	51	9	0	0
	40	Y	6	32	32	2.1	0	B	0	11	0	11
	41	Y	6	32	32	3.1	0	A	4	11	0	12
	42	Y	6	32	32	4.1	0	A	8	11	0	12
	43	Y	7	32	32	7.1	0	A	6	11	0	9
	44	Y	8	4	4	10.1	0	A	14	8	0	9
	45	Y	10	4	4	13.1	0	A	46	8	1	9
	46	Y	7	48	32	24.1	0	C	0	11	0	6
	47	Y	7		16	24.2	0	A	26	10	0	12
	48	Y	8	4	4	26.1	0	C	8	8	0	6
	49	Y	10	4	4	28.1	0	C	72	8	0	6
	50	Y	7	8	8	30.1	0	C	24	9	0	6
	51	Y	10	8	8	32.1	0	C	56	9	0	6
	52	Y	7	16	8	34.1	0	C	12	9	0	6
	53	Y	7		4	34.2	0	C	44	8	0	6
	54	Y	7		4	34.3	0	A	79	8	0	6
	55	Y	8	4	4	36.1	0	C	108	8	0	6
	56	Y	12	112	64	70.1	0	C	1	12	127	6
	57	Y	12		32	70.2	0	C	5	11	127	6
	58	Y	12		16	70.3	0	C	13	10	127	6

E3(2)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
E3(2)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	5	B	64	6	0	0
	3	T	7	48	32	24.1	0	C	0	11	0	0
	4	T	7		16	24.2	0	A	26	10	0	0
	5	T	8	4	4	26.1	0	C	8	8	0	0
	6	T	10	4	4	28.1	0	C	72	8	0	0
	7	T	12	112	64	70.1	0	C	1	12	127	0
	8	T	12		32	70.2	0	C	5	11	127	0
	9	T	12		16	70.3	0	C	13	10	127	0
	10	T	29	32	32	72.1	0	B	8	11	0	0
	11	T	31	2	2	73.1	2	C	157	7	0	0
	12	R	31	16	16	73.1	0	C	29	10	0	0
	13	Y	6	32	32	2.1	0	B	0	11	0	11
	14	Y	6	32	32	3.1	0	A	4	11	0	12
	15	Y	6	32	32	4.1	0	A	8	11	0	12
	16	Y	7	32	32	6.1	0	A	2	11	0	12
	17	Y	8	4	4	9.1	0	A	10	8	0	12
	18	Y	10	4	4	12.1	0	A	42	8	0	12
	19	Y	7	16	16	15.1	0	A	5	10	0	6
	20	Y	8	4	4	18.1	0	A	21	8	0	6
	21	Y	7	4	4	21.1	0	A	85	8	0	6
	22	Y	7	48	32	24.1	0	C	0	11	0	6
	23	Y	7		16	24.2	0	A	26	10	0	12
	24	Y	8	4	4	26.1	0	C	8	8	0	6
	25	Y	10	4	4	28.1	0	C	72	8	0	6
	26	Y	7	8	8	30.1	0	C	24	9	0	6
	27	Y	10	8	8	32.1	0	C	56	9	0	6
	28	Y	7	16	8	34.1	0	C	12	9	0	6
	29	Y	7		4	34.2	0	C	44	8	0	6
	30	Y	7		4	34.3	0	A	79	8	0	6
	31	Y	8	4	4	36.1	0	C	108	8	0	6
	32	Y	7	32	16	38.1	0	A	1	10	0	6
	33	Y	7		16	38.2	0	A	29	10	0	8
	34	Y	8	8	4	40.1	0	A	74	8	0	12
	35	Y	8		4	40.2	0	B	119	8	0	6
	36	Y	10	8	8	42.1	0	C	40	9	0	6
	37	Y	7	48	32	44.1	0	B	2	11	0	6
	38	Y	7		16	44.2	0	B	10	10	0	6
	39	Y	7	48	32	45.1	0	B	4	11	0	6
	40	Y	7		16	45.2	0	B	12	10	0	6
	41	Y	8	4	4	47.1	0	B	26	8	0	6
	42	Y	8	4	4	48.1	0	B	28	8	0	8
	43	Y	10	4	4	50.1	0	B	90	8	0	6
	44	Y	10	4	4	51.1	0	B	92	8	0	8
	45	Y	7	8	8	53.1	0	C	28	9	0	6
	46	Y	10	8	8	55.1	0	C	60	9	0	6
	47	Y	7	16	16	57.1	0	C	4	10	0	6
	48	Y	7	16	16	59.1	0	C	20	10	0	6
	49	Y	7	72	32	62.1	0	B	3	11	0	6
	50	Y	7		16	62.2	0	B	7	10	0	6
	51	Y	7		8	62.3	0	B	25	9	0	15
	52	Y	7		8	62.4	0	A	16	9	0	9
	53	Y	7		4	62.5	0	B	57	8	0	15
	54	Y	7		4	62.6	0	A	110	8	0	9
	55	Y	8	32	32	65.1	0	B	13	11	0	6
	56	Y	10	16	8	68.1	0	B	60	9	0	8
	57	Y	10		8	68.2	0	A	55	9	0	12
	58	Y	12	112	64	70.1	0	C	1	12	127	6
	59	Y	12		32	70.2	0	C	5	11	127	6
	60	Y	12		16	70.3	0	C	13	10	127	6
	61	Y	14	8	8	75.1	0	A	48	9	0	9

RJ(1)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
RJ(1)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	6	B	320	6	0	0
	3	T	7	8	8	30.1	0	C	24	9	0	0
	4	T	10	8	8	32.1	0	C	56	9	0	6
	5	T	12	112	64	70.1	0	C	1	12	127	0
	6	T	12		32	70.2	0	C	5	11	127	0
	7	T	12		16	70.3	0	C	13	10	127	0
	8	R	7	8	8	31.1	0	C	26	9	0	0
	9	Y	6	32	32	2.1	0	B	0	11	0	11
	10	Y	6	32	32	3.1	0	A	4	11	0	12
	11	Y	6	32	32	4.1	0	A	8	11	0	12
	12	Y	7	32	32	6.1	0	A	2	11	0	12
	13	Y	8	4	4	9.1	0	A	10	8	0	12
	14	Y	10	4	4	12.1	0	A	42	8	0	12
	15	Y	7	16	16	15.1	0	A	5	10	0	6
	16	Y	8	4	4	18.1	0	A	21	8	0	6
	17	Y	7	4	4	21.1	0	A	85	8	0	6
	18	Y	7	48	32	24.1	0	C	0	11	0	6
	19	Y	7		16	24.2	0	A	26	10	0	12
	20	Y	8	4	4	26.1	0	C	8	8	0	6
	21	Y	10	4	4	28.1	0	C	72	8	0	6
	22	Y	7	16	8	34.1	0	C	12	9	0	6
	23	Y	7		4	34.2	0	C	44	8	0	6
	24	Y	7		4	34.3	0	A	79	8	0	6
	25	Y	8	4	4	36.1	0	C	108	8	0	6
	26	Y	7	32	16	38.1	0	A	1	10	0	6
	27	Y	7		16	38.2	0	A	29	10	0	8
	28	Y	8	8	4	40.1	0	A	74	8	0	12
	29	Y	8		4	40.2	0	B	119	8	0	6
	30	Y	10	8	8	42.1	0	C	40	9	0	6
	31	Y	7	48	32	44.1	0	B	2	11	0	6
	32	Y	7		16	44.2	0	B	10	10	0	6
	33	Y	7	48	32	45.1	0	B	4	11	0	6
	34	Y	7		16	45.2	0	B	12	10	0	6
	35	Y	8	4	4	47.1	0	B	26	8	0	6
	36	Y	8	4	4	48.1	0	B	28	8	0	8
	37	Y	10	4	4	50.1	0	B	90	8	0	6
	38	Y	10	4	4	51.1	0	B	92	8	0	8
	39	Y	7	8	8	53.1	0	C	28	9	0	6
	40	Y	10	8	8	55.1	0	C	60	9	0	6
	41	Y	7	16	16	57.1	0	C	4	10	0	6
	42	Y	7	16	16	59.1	0	C	20	10	0	6
	43	Y	7	72	32	62.1	0	B	3	11	0	6
	44	Y	7		16	62.2	0	B	7	10	0	6
	45	Y	7		8	62.3	0	B	25	9	0	15
	46	Y	7		8	62.4	0	A	16	9	0	9
	47	Y	7		4	62.5	0	B	57	8	0	15
	48	Y	7		4	62.6	0	A	110	8	0	9
	49	Y	8	32	32	65.1	0	B	13	11	0	6
	50	Y	10	16	8	68.1	0	B	60	9	0	8
	51	Y	10		8	68.2	0	A	55	9	0	12
	52	Y	12	112	64	70.1	0	C	1	12	127	6
	53	Y	12		32	70.2	0	C	5	11	127	6
	54	Y	12		16	70.3	0	C	13	10	127	6
	55	Y	14	8	8	75.1	0	A	48	9	0	9

RJ(1)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
RJ(1)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	6	B	320	6	0	0
	3	T	7	8	8	30.1	0	C	24	9	0	0
	4	T	10	8	8	32.1	0	C	56	9	0	6
	5	T	12	112	64	70.1	0	C	1	12	127	0
	6	T	12		32	70.2	0	C	5	11	127	0
	7	T	12		16	70.3	0	C	13	10	127	0
	8	R	7	8	8	31.1	0	C	26	9	0	0
	9	Y	6	32	32	2.1	0	B	0	11	0	11
	10	Y	6	32	32	3.1	0	A	4	11	0	12
	11	Y	6	32	32	4.1	0	A	8	11	0	12
	12	Y	7	32	32	6.1	0	A	2	11	0	12
	13	Y	8	4	4	9.1	0	A	10	8	0	12
	14	Y	10	4	4	12.1	0	A	42	8	0	12
	15	Y	7	16	16	15.1	0	A	5	10	0	6
	16	Y	8	4	4	18.1	0	A	21	8	0	6
	17	Y	7	4	4	21.1	0	A	85	8	0	6
	18	Y	7	48	32	24.1	0	C	0	11	0	6
	19	Y	7		16	24.2	0	A	26	10	0	12
	20	Y	8	4	4	26.1	0	C	8	8	0	6
	21	Y	10	4	4	28.1	0	C	72	8	0	6
	22	Y	7	16	8	34.1	0	C	12	9	0	6
	23	Y	7		4	34.2	0	C	44	8	0	6
	24	Y	7		4	34.3	0	A	79	8	0	6
	25	Y	8	4	4	36.1	0	C	108	8	0	6
	26	Y	7	32	16	38.1	0	A	1	10	0	6
	27	Y	7		16	38.2	0	A	29	10	0	8
	28	Y	8	8	4	40.1	0	A	74	8	0	12
	29	Y	8		4	40.2	0	B	119	8	0	6
	30	Y	10	8	8	42.1	0	C	40	9	0	6
	31	Y	7	48	32	44.1	0	B	2	11	0	6
	32	Y	7		16	44.2	0	B	10	10	0	6
	33	Y	7	48	32	45.1	0	B	4	11	0	6
	34	Y	7		16	45.2	0	B	12	10	0	6
	35	Y	8	4	4	47.1	0	B	26	8	0	6
	36	Y	8	4	4	48.1	0	B	28	8	0	8
	37	Y	10	4	4	50.1	0	B	90	8	0	6
	38	Y	10	4	4	51.1	0	B	92	8	0	8
	39	Y	7	8	8	53.1	0	C	28	9	0	6
	40	Y	10	8	8	55.1	0	C	60	9	0	6
	41	Y	7	16	16	57.1	0	C	4	10	0	6
	42	Y	7	16	16	59.1	0	C	20	10	0	6
	43	Y	7	72	32	62.1	0	B	3	11	0	6
	44	Y	7		16	62.2	0	B	7	10	0	6
	45	Y	7		8	62.3	0	B	25	9	0	15
	46	Y	7		8	62.4	0	A	16	9	0	9
	47	Y	7		4	62.5	0	B	57	8	0	15
	48	Y	7		4	62.6	0	A	110	8	0	9
	49	Y	8	32	32	65.1	0	B	13	11	0	6
	50	Y	10	16	8	68.1	0	B	60	9	0	8
	51	Y	10		8	68.2	0	A	55	9	0	12
	52	Y	12	112	64	70.1	0	C	1	12	127	6
	53	Y	12		32	70.2	0	C	5	11	127	6
	54	Y	12		16	70.3	0	C	13	10	127	6
	55	Y	14	8	8	75.1	0	A	48	9	0	9

SHIP (2)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
SHIP(2)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	7	B	192	6	0	0
	3	T	7	16	16	38.1	1	A	1	10	0	0
	4	T	8	4	4	40.1	1	A	74	8	0	0
	5	T	10	4	4	42.1	1	C	40	8	0	0
	6	T	12	112	64	70.1	0	C	1	12	127	0
	7	T	12		32	70.2	0	C	5	11	127	0
	8	T	12		16	70.3	0	C	13	10	127	0
	9	T	14	8	8	74.1	0	A	45	9	0	0
	10	R	7	8	8	53.1	0	C	28	9	0	0
	11	R	7	8	8	54.1	0	C	30	9	0	0
	12	R	10	8	8	55.1	0	C	60	9	0	6
	13	Y	6	32	32	2.1	0	B	0	11	0	11
	14	Y	6	32	32	3.1	0	A	4	11	0	12
	15	Y	6	32	32	4.1	0	A	8	11	0	12
	16	Y	7	32	32	7.1	0	A	6	11	0	9
	17	Y	8	4	4	10.1	0	A	14	8	0	9
	18	Y	10	4	4	13.1	0	A	46	8	1	9
	19	Y	7	16	16	16.1	0	A	7	10	0	12
	20	Y	8	4	4	19.1	0	A	23	8	0	12
	21	Y	7	4	4	22.1	0	A	87	8	0	12
	22	Y	7	48	32	24.1	0	C	0	11	0	6
	23	Y	7		16	24.2	0	A	26	10	0	12
	24	Y	8	4	4	26.1	0	C	8	8	0	6
	25	Y	10	4	4	28.1	0	C	72	8	0	6
	26	Y	7	8	8	30.1	0	C	24	9	0	6
	27	Y	10	8	8	32.1	0	C	56	9	0	6
	28	Y	7	16	8	34.1	0	C	12	9	0	6
	29	Y	7		4	34.2	0	C	44	8	0	6
	30	Y	7		4	34.3	0	A	79	8	0	6
	31	Y	8	4	4	36.1	0	C	108	8	0	6
	32	Y	7	32	16	38.1	0	A	1	10	0	6
	33	Y	7		16	38.2	0	A	29	10	0	8
	34	Y	8	8	4	40.1	0	A	74	8	0	12
	35	Y	8		4	40.2	0	B	119	8	0	6
	36	Y	10	8	8	42.1	0	C	40	9	0	6
	37	Y	7	48	32	44.1	0	B	2	11	0	6
	38	Y	7		16	44.2	0	B	10	10	0	6
	39	Y	7	48	32	45.1	0	B	4	11	0	6
	40	Y	7		16	45.2	0	B	12	10	0	6
	41	Y	8	4	4	47.1	0	B	26	8	0	6
	42	Y	8	4	4	48.1	0	B	28	8	0	8
	43	Y	10	4	4	50.1	0	B	90	8	0	6
	44	Y	10	4	4	51.1	0	B	92	8	0	8
	45	Y	7	16	16	57.1	0	C	4	10	0	6
	46	Y	7	16	16	59.1	0	C	20	10	0	6
	47	Y	7	72	32	62.1	0	B	3	11	0	6
	48	Y	7		16	62.2	0	B	7	10	0	6
	49	Y	7		8	62.3	0	B	25	9	0	15
	50	Y	7		8	62.4	0	A	16	9	0	9
	51	Y	7		4	62.5	0	B	57	8	0	15
	52	Y	7		4	62.6	0	A	110	8	0	9
	53	Y	8	32	32	65.1	0	B	13	11	0	6
	54	Y	10	16	8	68.1	0	B	60	9	0	8
	55	Y	10		8	68.2	0	A	55	9	0	12
	56	Y	12	112	64	70.1	0	C	1	12	127	6
	57	Y	12		32	70.2	0	C	5	11	127	6
	58	Y	12		16	70.3	0	C	13	10	127	6
	59	Y	14	8	8	74.1	0	A	45	9	0	9
	60	Y	14	8	8	75.1	0	A	48	9	0	9

SHIP(3)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
SHIP(3)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	8	B	448	6	0	0
	3	T	7	16	16	38.2	2	A	29	10	0	0
	4	T	8	4	4	40.2	2	B	119	8	0	0
	5	T	10	4	4	42.1	2	C	104	8	0	0
	6	T	12	112	64	70.1	0	C	1	12	127	0
	7	T	12		32	70.2	0	C	5	11	127	0
	8	T	12		16	70.3	0	C	13	10	127	0
	9	T	14	8	8	74.1	0	A	45	9	0	0
	10	R	7	8	8	53.1	0	C	28	9	0	0
	11	R	7	8	8	54.1	0	C	30	9	0	0
	12	R	10	8	8	55.1	0	C	60	9	0	6
	13	Y	6	32	32	2.1	0	B	0	11	0	11
	14	Y	6	32	32	3.1	0	A	4	11	0	12
	15	Y	6	32	32	4.1	0	A	8	11	0	12
	16	Y	7	32	32	7.1	0	A	6	11	0	9
	17	Y	8	4	4	10.1	0	A	14	8	0	9
	18	Y	10	4	4	13.1	0	A	46	8	1	9
	19	Y	7	16	16	16.1	0	A	7	10	0	12
	20	Y	8	4	4	19.1	0	A	23	8	0	12
	21	Y	7	4	4	22.1	0	A	87	8	0	12
	22	Y	7	48	32	24.1	0	C	0	11	0	6
	23	Y	7		16	24.2	0	A	26	10	0	12
	24	Y	8	4	4	26.1	0	C	8	8	0	6
	25	Y	10	4	4	28.1	0	C	72	8	0	6
	26	Y	7	8	8	30.1	0	C	24	9	0	6
	27	Y	10	8	8	32.1	0	C	56	9	0	6
	28	Y	7	16	8	34.1	0	C	12	9	0	6
	29	Y	7		4	34.2	0	C	44	8	0	6
	30	Y	7		4	34.3	0	A	79	8	0	6
	31	Y	8	4	4	36.1	0	C	108	8	0	6
	32	Y	7	32	16	38.1	0	A	1	10	0	6
	33	Y	7		16	38.2	0	A	29	10	0	8
	34	Y	8	8	4	40.1	0	A	74	8	0	12
	35	Y	8		4	40.2	0	B	119	8	0	6
	36	Y	10	8	8	42.1	0	C	40	9	0	6
	37	Y	7	48	32	44.1	0	B	2	11	0	6
	38	Y	7		16	44.2	0	B	10	10	0	6
	39	Y	7	48	32	45.1	0	B	4	11	0	6
	40	Y	7		16	45.2	0	B	12	10	0	6
	41	Y	8	4	4	47.1	0	B	26	8	0	6
	42	Y	8	4	4	48.1	0	B	28	8	0	8
	43	Y	10	4	4	50.1	0	B	90	8	0	6
	44	Y	10	4	4	51.1	0	B	92	8	0	8
	45	Y	7	16	16	57.1	0	C	4	10	0	6
	46	Y	7	16	16	59.1	0	C	20	10	0	6
	47	Y	7	72	32	62.1	0	B	3	11	0	6
	48	Y	7		16	62.2	0	B	7	10	0	6
	49	Y	7		8	62.3	0	B	25	9	0	15
	50	Y	7		8	62.4	0	A	16	9	0	9
	51	Y	7		4	62.5	0	B	57	8	0	15
	52	Y	7		4	62.6	0	A	110	8	0	9
	53	Y	8	32	32	65.1	0	B	13	11	0	6
	54	Y	10	16	8	68.1	0	B	60	9	0	8
	55	Y	10		8	68.2	0	A	55	9	0	12
	56	Y	12	112	64	70.1	0	C	1	12	127	6
	57	Y	12		32	70.2	0	C	5	11	127	6
	58	Y	12		16	70.3	0	C	13	10	127	6
	59	Y	14	8	8	74.1	0	A	45	9	0	9
	60	Y	14	8	8	75.1	0	A	48	9	0	9

CRC(2)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
CRC(2)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	9	B	32	6	0	0
	3	T	7	16	8	34.1	0	C	12	9	0	0
	4	T	7		4	34.2	0	C	44	8	0	0
	5	T	7		4	34.3	0	A	79	8	0	0
	6	T	8	4	4	36.1	0	C	108	8	0	6
	7	T	12	112	64	70.1	0	C	1	12	127	6
	8	T	12		32	70.2	0	C	5	11	127	6
	9	T	12		16	70.3	0	C	13	10	127	6
	10	R	6	32	32	2.1	0	B	0	11	0	0
	11	R	6	32	32	3.1	0	A	4	11	0	0
	12	R	6	32	32	4.1	0	A	8	11	0	0
	13	R	6	32	32	5.1	0	A	12	11	0	0
	14	R	7	32	32	7.1	0	A	6	11	0	0
	15	R	8	4	4	10.1	0	A	14	8	0	0
	16	R	7	16	16	16.1	0	A	7	10	0	0
	17	R	8	4	4	19.1	0	A	23	8	0	0
	18	R	7	4	4	22.1	0	A	87	8	0	0
	19	R	7	48	32	24.1	0	C	0	11	0	0
	20	R	7		16	24.2	0	A	26	10	0	0
	21	R	7	48	32	25.1	0	C	2	11	0	0
	22	R	7		16	25.2	0	A	30	10	0	0
	23	R	8	4	4	26.1	0	C	8	8	0	6
	24	R	7	8	8	30.1	0	C	24	9	0	0
	25	R	7	8	8	31.1	0	C	26	9	0	0
	26	R	7	16	8	35.1	0	C	14	9	0	0
	27	R	7		4	35.2	0	C	46	8	0	0
	28	R	7		4	35.3	0	A	81	8	0	0
	29	R	7	32	16	38.1	0	A	1	10	0	0
	30	R	7		16	38.2	0	A	29	10	0	0
	31	R	7	32	16	39.1	0	A	3	10	0	0
	32	R	7		16	39.2	0	C	31	10	0	0
	33	R	8	8	4	40.1	0	A	74	8	0	0
	34	R	8		4	40.2	0	B	119	8	0	0
	35	R	7	48	32	45.1	0	B	4	11	0	0
	36	R	7		16	45.2	0	B	12	10	0	0
	37	R	7	48	32	46.1	0	B	6	11	0	0
	38	R	7		16	46.2	0	B	14	10	0	0
	39	R	8	4	4	47.1	0	B	26	8	0	14
	40	R	7	8	8	53.1	0	C	28	9	0	0
	41	R	7	8	8	54.1	0	C	30	9	0	0
	42	R	7	16	16	58.1	0	C	6	10	0	0
	43	R	7	16	16	59.1	0	C	20	10	0	0
	44	R	7	16	16	60.1	0	C	22	10	0	0
	45	R	7	72	32	63.1	0	B	5	11	0	0
	46	R	7		16	63.2	0	B	9	10	0	0
	47	R	7		8	63.3	0	B	30	9	0	0
	48	R	7		8	63.4	0	A	19	9	0	0
	49	R	7		4	63.5	0	B	62	8	0	0
	50	R	7		4	63.6	0	A	113	8	0	0
	51	R	8	32	32	66.1	0	B	15	11	0	0
	52	R	14	8	8	75.1	0	A	48	9	0	0
	53	R	14	8	8	76.1	0	A	51	9	0	0

FAAD(1)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
FAAD(1)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	10	B	288	6	0	0
	3	T	401	64	64	77.1	1	C	1	12	0	0
	4	R	7	32	16	38.1	0	A	1	10	0	0
	5	R	7		16	38.2	0	A	29	10	0	0
	6	R	400	128	64	77.1	0	C	1	12	0	0
	7	R	400		32	77.2	0	C	5	11	0	0
	8	R	400		32	77.3	0	C	3	11	0	0
	9	Y	6	32	32	2.1	0	B	0	11	0	11
	10	Y	6	32	32	3.1	0	A	4	11	0	12
	11	Y	6	32	32	4.1	0	A	8	11	0	12
	12	Y	7	32	32	7.1	0	A	6	11	0	9
	13	Y	8	4	4	10.1	0	A	14	8	0	9
	14	Y	10	4	4	13.1	0	A	46	8	1	9
	15	Y	7	16	16	16.1	0	A	7	10	0	12
	16	Y	8	4	4	19.1	0	A	23	8	0	12
	17	Y	7	4	4	22.1	0	A	87	8	0	12
	18	Y	7	48	32	24.1	0	C	0	11	0	6
	19	Y	7		16	24.2	0	A	26	10	0	12
	20	Y	8	4	4	26.1	0	C	8	8	0	6
	21	Y	10	4	4	28.1	0	C	72	8	0	6
	22	Y	7	8	8	30.1	0	C	24	9	0	6
	23	Y	10	8	8	32.1	0	C	56	9	0	6
	24	Y	7	16	8	34.1	0	C	12	9	0	6
	25	Y	7		4	34.2	0	C	44	8	0	6
	26	Y	7		4	34.3	0	A	79	8	0	6
	27	Y	8	4	4	36.1	0	C	108	8	0	6
	28	Y	7	48	32	44.1	0	B	2	11	0	6
	29	Y	7		16	44.2	0	B	10	10	0	6
	30	Y	7	48	32	45.1	0	B	4	11	0	6
	31	Y	7		16	45.2	0	B	12	10	0	6
	32	Y	8	4	4	47.1	0	B	26	8	0	6
	33	Y	8	4	4	48.1	0	B	28	8	0	8
	34	Y	10	4	4	50.1	0	B	90	8	0	6
	35	Y	10	4	4	51.1	0	B	92	8	0	8
	36	Y	7	8	8	53.1	0	C	28	9	0	6
	37	Y	10	8	8	55.1	0	C	60	9	0	6
	38	Y	7	16	16	57.1	0	C	4	10	0	6
	39	Y	7	16	16	59.1	0	C	20	10	0	6
	40	Y	7	72	32	62.1	0	B	3	11	0	6
	41	Y	7		16	62.2	0	B	7	10	0	6
	42	Y	7		8	62.3	0	B	25	9	0	15
	43	Y	7		8	62.4	0	A	16	9	0	9
	44	Y	7		4	62.5	0	B	57	8	0	15
	45	Y	7		4	62.6	0	A	110	8	0	9
	46	Y	8	32	32	65.1	0	B	13	11	0	6
	47	Y	10	16	8	68.1	0	B	60	9	0	8
	48	Y	10		8	68.2	0	A	55	9	0	12
	49	Y	14	8	8	75.1	0	A	48	9	0	9

FAAD(2)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
FAAD(2)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	11	B	160	6	0	0
	3	T	401	64	32	77.2	2	C	5	11	0	0
	4	T	401		32	77.3	2	C	3	11	0	0
	5	R	7	32	16	38.1	0	A	1	10	0	0
	6	R	7		16	38.2	0	A	29	10	0	0
	7	R	400	128	64	77.1	0	C	1	12	0	0
	8	R	400		32	77.2	0	C	5	11	0	0
	9	R	400		32	77.3	0	C	3	11	0	0
	10	Y	6	32	32	2.1	0	B	0	11	0	11
	11	Y	6	32	32	3.1	0	A	4	11	0	12
	12	Y	6	32	32	4.1	0	A	8	11	0	12
	13	Y	7	32	32	7.1	0	A	6	11	0	9
	14	Y	8	4	4	10.1	0	A	14	8	0	9
	15	Y	10	4	4	13.1	0	A	46	8	1	9
	16	Y	7	16	16	16.1	0	A	7	10	0	12
	17	Y	8	4	4	19.1	0	A	23	8	0	12
	18	Y	7	48	32	24.1	0	C	0	11	0	6
	19	Y	7		16	24.2	0	A	26	10	0	12
	20	Y	8	4	4	26.1	0	C	8	8	0	6
	21	Y	10	4	4	28.1	0	C	72	8	0	6
	22	Y	7	8	8	30.1	0	C	24	9	0	6
	23	Y	10	8	8	32.1	0	C	56	9	0	6
	24	Y	7	16	8	34.1	0	C	12	9	0	6
	25	Y	7		4	34.2	0	C	44	8	0	6
	26	Y	7		4	34.3	0	A	79	8	0	6
	27	Y	8	4	4	36.1	0	C	108	8	0	6
	28	Y	7	48	32	44.1	0	B	2	11	0	6
	29	Y	7		16	44.2	0	B	10	10	0	6
	30	Y	7	48	32	45.1	0	B	4	11	0	6
	31	Y	7		16	45.2	0	B	12	10	0	6
	32	Y	8	4	4	47.1	0	B	26	8	0	6
	33	Y	8	4	4	48.1	0	B	28	8	0	8
	34	Y	10	4	4	50.1	0	B	90	8	0	6
	35	Y	10	4	4	51.1	0	B	92	8	0	8
	36	Y	7	8	8	53.1	0	C	28	9	0	6
	37	Y	10	8	8	55.1	0	C	60	9	0	6
	38	Y	7	16	16	57.1	0	C	4	10	0	6
	39	Y	7	16	16	59.1	0	C	20	10	0	6
	40	Y	7	72	32	62.1	0	B	3	11	0	6
	41	Y	7		16	62.2	0	B	7	10	0	6
	42	Y	7		8	62.3	0	B	25	9	0	15
	43	Y	7		8	62.4	0	A	16	9	0	9
	44	Y	7		4	62.5	0	B	57	8	0	15
	45	Y	7		4	62.6	0	A	110	8	0	9
	46	Y	8	32	32	65.1	0	B	13	11	0	6
	47	Y	10	16	8	68.1	0	B	60	9	0	8
	48	Y	10		8	68.2	0	A	55	9	0	12
	49	Y	14	8	8	75.1	0	A	48	9	0	9

E3(199.1)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
E3(199.1)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	12	B	416	6	0	0
	3	T	12	112	64	70.1	0	C	1	12	127	0
	4	T	12		32	70.2	0	C	5	11	127	0
	5	T	12		16	70.3	0	C	13	10	127	0
	6	T	29	32	32	72.1	0	B	8	11	0	0
	7	T	31	2	2	73.1	3	C	93	7	0	0
	8	R	6	32	32	2.1	0	B	0	11	0	0
	9	R	6	32	32	3.1	0	A	4	11	0	0
	10	R	6	32	32	4.1	0	A	8	11	0	0
	11	R	6	32	32	5.1	0	A	12	11	0	0
	12	R	31	16	16	73.1	0	C	29	10	0	0
	13	Y	12	112	64	70.1	0	C	1	12	127	6
	14	Y	12		32	70.2	0	C	5	11	127	6
	15	Y	12		16	70.3	0	C	13	10	127	6

E3(199.2)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
E3(199.2)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	13	B	96	6	0	0
	3	T	12	112	64	70.1	0	C	1	12	127	0
	4	T	12		32	70.2	0	C	5	11	127	0
	5	T	12		16	70.3	0	C	13	10	127	0
	6	T	29	32	32	72.1	0	B	8	11	0	0
	7	T	31	2	2	73.1	4	C	221	7	0	0
	8	R	6	32	32	2.1	0	B	0	11	0	0
	9	R	6	32	32	3.1	0	A	4	11	0	0
	10	R	6	32	32	4.1	0	A	8	11	0	0
	11	R	6	32	32	5.1	0	A	12	11	0	0
	12	R	31	16	16	73.1	0	C	29	10	0	0
	13	Y	12	112	64	70.1	0	C	1	12	127	6
	14	Y	12		32	70.2	0	C	5	11	127	6
	15	Y	12		16	70.3	0	C	13	10	127	6

E3(3)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
E3(3)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	14	B	352	6	0	0
	3	T	7	48	32	44.1	0	B	2	11	0	0
	4	T	7		16	44.2	0	B	10	10	0	0
	5	T	8	4	4	47.1	0	B	26	8	0	6
	6	T	10	4	4	50.1	0	B	90	8	0	6
	7	T	12	112	64	70.1	0	C	1	12	127	0
	8	T	12		32	70.2	0	C	5	11	127	0
	9	T	12		16	70.3	0	C	13	10	127	0
	10	T	29	32	32	72.1	0	B	8	11	0	0
	11	T	31	2	2	73.1	5	C	61	7	0	0
	12	R	7	48	32	45.1	0	B	4	11	0	0
	13	R	7		16	45.2	0	B	12	10	0	0
	14	R	31	16	16	73.1	0	C	29	10	0	0
	15	Y	6	32	32	2.1	0	B	0	11	0	11
	16	Y	6	32	32	3.1	0	A	4	11	0	12
	17	Y	6	32	32	4.1	0	A	8	11	0	12
	18	Y	7	32	32	7.1	0	A	6	11	0	9
	19	Y	8	4	4	10.1	0	A	14	8	0	9
	20	Y	10	4	4	13.1	0	A	46	8	1	9
	21	Y	7	16	16	16.1	0	A	7	10	0	12
	22	Y	8	4	4	19.1	0	A	23	8	0	12
	23	Y	7	4	4	22.1	0	A	87	8	0	12
	24	Y	7	48	32	24.1	0	C	0	11	0	6
	25	Y	7		16	24.2	0	A	26	10	0	12
	26	Y	8	4	4	26.1	0	C	8	8	0	6
	27	Y	10	4	4	28.1	0	C	72	8	0	6
	28	Y	7	8	8	30.1	0	C	24	9	0	6
	29	Y	10	8	8	32.1	0	C	56	9	0	6
	30	Y	7	16	8	34.1	0	C	12	9	0	6
	31	Y	7		4	34.2	0	C	44	8	0	6
	32	Y	7		4	34.3	0	A	79	8	0	6
	33	Y	8	4	4	36.1	0	C	108	8	0	6
	34	Y	7	32	16	38.1	0	A	1	10	0	6
	35	Y	7		16	38.2	0	A	29	10	0	8
	36	Y	8	8	4	40.1	0	A	74	8	0	12
	37	Y	8		4	40.2	0	B	119	8	0	6
	38	Y	10	8	8	42.1	0	C	40	9	0	6
	39	Y	7	8	8	53.1	0	C	28	9	0	6
	40	Y	10	8	8	55.1	0	C	60	9	0	6
	41	Y	7	16	16	57.1	0	C	4	10	0	6
	42	Y	7	16	16	59.1	0	C	20	10	0	6
	43	Y	7	72	32	61.1	0	B	1	11	0	6
	44	Y	7		16	61.2	0	A	5	10	0	7
	45	Y	7		8	61.3	0	B	23	9	0	6
	46	Y	7		8	61.4	0	A	13	9	0	9
	47	Y	7		4	61.5	0	B	55	8	0	6
	48	Y	7		4	61.6	0	A	106	8	0	12
	49	Y	7	72	32	62.1	0	B	3	11	0	6
	50	Y	7		16	62.2	0	B	7	10	0	6
	51	Y	7		8	62.3	0	B	25	9	0	15
	52	Y	7		8	62.4	0	A	16	9	0	9
	53	Y	7		4	62.5	0	B	57	8	0	15
	54	Y	7		4	62.6	0	A	110	8	0	9
	55	Y	8	32	32	64.1	0	B	11	11	0	6
	56	Y	8	32	32	65.1	0	B	13	11	0	6
	57	Y	10	16	8	67.1	0	B	58	9	0	6
	58	Y	10		8	67.2	0	A	53	9	0	6
	59	Y	10	16	8	68.1	0	B	60	9	0	8
	60	Y	10		8	68.2	0	A	55	9	0	12
	61	Y	12	112	64	70.1	0	C	1	12	127	6

E3(3) Cont'd

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
E3(3)	62	Y	12		32	70.2	0	C	5	11	127	6
	63	Y	12		16	70.3	0	C	13	10	127	6
	64	Y	14	8	8	74.1	0	A	45	9	0	9

RJ(2)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
RJ(2)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	15	B	224	6	0	0
	3	T	7	8	8	53.1	0	C	28	9	0	0
	4	T	10	8	8	55.1	0	C	60	9	0	0
	5	T	12	112	64	70.1	0	C	1	12	127	0
	6	T	12		32	70.2	0	C	5	11	127	0
	7	T	12		16	70.3	0	C	13	10	127	0
	8	Y	6	32	32	2.1	0	B	0	11	0	11
	9	Y	6	32	32	3.1	0	A	4	11	0	12
	10	Y	6	32	32	4.1	0	A	8	11	0	12
	11	Y	7	32	32	7.1	0	A	6	11	0	9
	12	Y	8	4	4	10.1	0	A	14	8	0	9
	13	Y	10	4	4	13.1	0	A	46	8	1	9
	14	Y	7	16	16	16.1	0	A	7	10	0	12
	15	Y	8	4	4	19.1	0	A	23	8	0	12
	16	Y	7	4	4	22.1	0	A	87	8	0	12
	17	Y	7	48	32	24.1	0	C	0	11	0	6
	18	Y	7		16	24.2	0	A	26	10	0	12
	19	Y	8	4	4	26.1	0	C	8	8	0	6
	20	Y	10	4	4	28.1	0	C	72	8	0	6
	21	Y	7	8	8	30.1	0	C	24	9	0	6
	22	Y	10	8	8	32.1	0	C	56	9	0	6
	23	Y	7	16	8	34.1	0	C	12	9	0	6
	24	Y	7		4	34.2	0	C	44	8	0	6
	25	Y	7		4	34.3	0	A	79	8	0	6
	26	Y	8	4	4	36.1	0	C	108	8	0	6
	27	Y	7	32	16	38.1	0	A	1	10	0	6
	28	Y	7		16	38.2	0	A	29	10	0	8
	29	Y	8	8	4	40.1	0	A	74	8	0	12
	30	Y	8		4	40.2	0	B	119	8	0	6
	31	Y	10	8	8	42.1	0	C	40	9	0	6
	32	Y	7	48	32	44.1	0	B	2	11	0	6
	33	Y	7		16	44.2	0	B	10	10	0	6
	34	Y	8	4	4	47.1	0	B	26	8	0	6
	35	Y	10	4	4	50.1	0	B	90	8	0	6
	36	Y	7	8	8	53.1	0	C	28	9	0	6
	37	Y	10	8	8	55.1	0	C	60	9	0	6
	38	Y	7	16	16	57.1	0	C	4	10	0	6
	39	Y	7	16	16	59.1	0	C	20	10	0	6
	40	Y	7	72	32	61.1	0	B	1	11	0	6
	41	Y	7		16	61.2	0	A	5	10	0	7
	42	Y	7		8	61.3	0	B	23	9	0	6
	43	Y	7		8	61.4	0	A	13	9	0	9
	44	Y	7		4	61.5	0	B	55	8	0	6
	45	Y	7		4	61.6	0	A	106	8	0	12
	46	Y	7	72	32	62.1	0	B	3	11	0	6
	47	Y	7		16	62.2	0	B	7	10	0	6
	48	Y	7		8	62.3	0	B	25	9	0	15
	49	Y	7		8	62.4	0	A	16	9	0	9
	50	Y	7		4	62.5	0	B	57	8	0	15
	51	Y	7		4	62.6	0	A	110	8	0	9
	52	Y	8	32	32	64.1	0	B	11	11	0	6
	53	Y	8	32	32	65.1	0	B	13	11	0	6
	54	Y	10	16	8	67.1	0	B	58	9	0	6
	55	Y	10		8	67.2	0	A	53	9	0	6
	56	Y	10	16	8	68.1	0	B	60	9	0	8
	57	Y	10		8	68.2	0	A	55	9	0	12
	58	Y	12	112	64	70.1	0	C	1	12	127	6
	59	Y	12		32	70.2	0	C	5	11	127	6
	60	Y	12		16	70.3	0	C	13	10	127	6
	61	Y	14	8	8	74.1	0	A	45	9	0	9

JSTARS(1)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
JSTARS(1)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	16	B	480	6	0	0
	3	T	7	16	16	57.1	0	C	4	10	0	0
	4	T	29	32	32	72.1	0	B	8	11	0	0
	5	Y	6	32	32	2.1	0	B	0	11	0	11
	6	Y	6	32	32	3.1	0	A	4	11	0	12
	7	Y	6	32	32	4.1	0	A	8	11	0	12
	8	Y	7	32	32	7.1	0	A	6	11	0	9
	9	Y	8	4	4	10.1	0	A	14	8	0	9
	10	Y	10	4	4	13.1	0	A	46	8	1	9
	11	Y	7	16	16	16.1	0	A	7	10	0	12
	12	Y	8	4	4	19.1	0	A	23	8	0	12
	13	Y	7	4	4	22.1	0	A	87	8	0	12
	14	Y	7	48	32	24.1	0	C	0	11	0	6
	15	Y	7		16	24.2	0	A	26	10	0	12
	16	Y	8	4	4	26.1	0	C	8	8	0	6
	17	Y	10	4	4	28.1	0	C	72	8	0	6
	18	Y	7	8	8	30.1	0	C	24	9	0	6
	19	Y	10	8	8	32.1	0	C	56	9	0	6
	20	Y	7	16	8	34.1	0	C	12	9	0	6
	21	Y	7		4	34.2	0	C	44	8	0	6
	22	Y	7		4	34.3	0	A	79	8	0	6
	23	Y	8	4	4	36.1	0	C	108	8	0	6
	24	Y	7	32	16	38.1	0	A	1	10	0	6
	25	Y	7		16	38.2	0	A	29	10	0	8
	26	Y	8	8	4	40.1	0	A	74	8	0	12
	27	Y	8		4	40.2	0	B	119	8	0	6
	28	Y	10	8	8	42.1	0	C	40	9	0	6
	29	Y	7	48	32	44.1	0	B	2	11	0	6
	30	Y	7		16	44.2	0	B	10	10	0	6
	31	Y	8	4	4	47.1	0	B	26	8	0	6
	32	Y	10	4	4	50.1	0	B	90	8	0	6
	33	Y	7	8	8	53.1	0	C	28	9	0	6
	34	Y	10	8	8	55.1	0	C	60	9	0	6
	35	Y	7	16	16	57.1	0	C	4	10	0	6
	36	Y	7	16	16	59.1	0	C	20	10	0	6
	37	Y	7	72	32	61.1	0	B	1	11	0	6
	38	Y	7		16	61.2	0	A	5	10	0	7
	39	Y	7		8	61.3	0	B	23	9	0	6
	40	Y	7		8	61.4	0	A	13	9	0	9
	41	Y	7		4	61.5	0	B	55	8	0	6
	42	Y	7		4	61.6	0	A	106	8	0	12
	43	Y	7	72	32	62.1	0	B	3	11	0	6
	44	Y	7		16	62.2	0	B	7	10	0	6
	45	Y	7		8	62.3	0	B	25	9	0	15
	46	Y	7		8	62.4	0	A	16	9	0	9
	47	Y	7		4	62.5	0	B	57	8	0	15
	48	Y	7		4	62.6	0	A	110	8	0	9
	49	Y	8	32	32	64.1	0	B	11	11	0	6
	50	Y	8	32	32	65.1	0	B	13	11	0	6
	51	Y	10	16	8	67.1	0	B	58	9	0	6
	52	Y	10		8	67.2	0	A	53	9	0	6
	53	Y	10	16	8	68.1	0	B	60	9	0	8
	54	Y	10		8	68.2	0	A	55	9	0	12
	55	Y	14	8	8	74.1	0	A	45	9	0	9

ABCCC(1)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
ABCCC(1.1)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	17	B	16	6	0	0
	3	T	7	8	8	59.1	1	C	20	9	0	0
	4	T	29	32	32	72.1	0	B	8	11	0	0
	5	Y	6	32	32	2.1	0	B	0	11	0	11
	6	Y	6	32	32	3.1	0	A	4	11	0	12
	7	Y	6	32	32	4.1	0	A	8	11	0	12
	8	Y	7	32	32	7.1	0	A	6	11	0	9
	9	Y	8	4	4	10.1	0	A	14	8	0	9
	10	Y	10	4	4	13.1	0	A	46	8	1	9
	11	Y	7	16	16	16.1	0	A	7	10	0	12
	12	Y	8	4	4	19.1	0	A	23	8	0	12
	13	Y	7	4	4	22.1	0	A	87	8	0	12
	14	Y	7	48	32	24.1	0	C	0	11	0	6
	15	Y	7		16	24.2	0	A	26	10	0	12
	16	Y	8	4	4	26.1	0	C	8	8	0	6
	17	Y	10	4	4	28.1	0	C	72	8	0	6
	18	Y	7	8	8	30.1	0	C	24	9	0	6
	19	Y	10	8	8	32.1	0	C	56	9	0	6
	20	Y	7	16	8	34.1	0	C	12	9	0	6
	21	Y	7		4	34.2	0	C	44	8	0	6
	22	Y	7		4	34.3	0	A	79	8	0	6
	23	Y	8	4	4	36.1	0	C	108	8	0	6
	24	Y	7	32	16	38.1	0	A	1	10	0	6
	25	Y	7		16	38.2	0	A	29	10	0	8
	26	Y	8	8	4	40.1	0	A	74	8	0	12
	27	Y	8		4	40.2	0	B	119	8	0	6
	28	Y	10	8	8	42.1	0	C	40	9	0	6
	29	Y	7	48	32	44.1	0	B	2	11	0	6
	30	Y	7		16	44.2	0	B	10	10	0	6
	31	Y	8	4	4	47.1	0	B	26	8	0	6
	32	Y	10	4	4	50.1	0	B	90	8	0	6
	33	Y	7	8	8	53.1	0	C	28	9	0	6
	34	Y	10	8	8	55.1	0	C	60	9	0	6
	35	Y	7	16	16	57.1	0	C	4	10	0	6
	36	Y	7	16	16	59.1	0	C	20	10	0	6
	37	Y	7	72	32	61.1	0	B	1	11	0	6
	38	Y	7		16	61.2	0	A	5	10	0	7
	39	Y	7		8	61.3	0	B	23	9	0	6
	40	Y	7		8	61.4	0	A	13	9	0	9
	41	Y	7		4	61.5	0	B	55	8	0	6
	42	Y	7		4	61.6	0	A	106	8	0	12
	43	Y	7	72	32	62.1	0	B	3	11	0	6
	44	Y	7		16	62.2	0	B	7	10	0	6
	45	Y	7		8	62.3	0	B	25	9	0	15
	46	Y	7		8	62.4	0	A	16	9	0	9
	47	Y	7		4	62.5	0	B	57	8	0	15
	48	Y	7		4	62.6	0	A	110	8	0	9
	49	Y	8	32	32	64.1	0	B	11	11	0	6
	50	Y	8	32	32	65.1	0	B	13	11	0	6
	51	Y	10	16	8	67.1	0	B	58	9	0	6
	52	Y	10		8	67.2	0	A	53	9	0	6
	53	Y	10	16	8	68.1	0	B	60	9	0	8
	54	Y	10		8	68.2	0	A	55	9	0	12
	55	Y	14	8	8	74.1	0	A	45	9	0	9

ABCCC(2)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
ABCCC(1.2)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	18	B	272	6	0	0
	3	T	7	8	8	59.1	2	C	52	9	0	0
	4	T	29	32	32	72.1	0	B	8	11	0	0
	5	Y	6	32	32	2.1	0	B	0	11	0	11
	6	Y	6	32	32	3.1	0	A	4	11	0	12
	7	Y	6	32	32	4.1	0	A	8	11	0	12
	8	Y	7	32	32	7.1	0	A	6	11	0	9
	9	Y	8	4	4	10.1	0	A	14	8	0	9
	10	Y	10	4	4	13.1	0	A	46	8	1	9
	11	Y	7	16	16	16.1	0	A	7	10	0	12
	12	Y	8	4	4	19.1	0	A	23	8	0	12
	13	Y	7	4	4	22.1	0	A	87	8	0	12
	14	Y	7	48	32	24.1	0	C	0	11	0	6
	15	Y	7		16	24.2	0	A	26	10	0	12
	16	Y	8	4	4	26.1	0	C	8	8	0	6
	17	Y	10	4	4	28.1	0	C	72	8	0	6
	18	Y	7	8	8	30.1	0	C	24	9	0	6
	19	Y	10	8	8	32.1	0	C	56	9	0	6
	20	Y	7	16	8	34.1	0	C	12	9	0	6
	21	Y	7		4	34.2	0	C	44	8	0	6
	22	Y	7		4	34.3	0	A	79	8	0	6
	23	Y	8	4	4	36.1	0	C	108	8	0	6
	24	Y	7	32	16	38.1	0	A	1	10	0	6
	25	Y	7		16	38.2	0	A	29	10	0	8
	26	Y	8	8	4	40.1	0	A	74	8	0	12
	27	Y	8		4	40.2	0	B	119	8	0	6
	28	Y	10	8	8	42.1	0	C	40	9	0	6
	29	Y	7	48	32	44.1	0	B	2	11	0	6
	30	Y	7		16	44.2	0	B	10	10	0	6
	31	Y	8	4	4	47.1	0	B	26	8	0	6
	32	Y	10	4	4	50.1	0	B	90	8	0	6
	33	Y	7	8	8	53.1	0	C	28	9	0	6
	34	Y	10	8	8	55.1	0	C	60	9	0	6
	35	Y	7	16	16	57.1	0	C	4	10	0	6
	36	Y	7	16	16	59.1	0	C	20	10	0	6
	37	Y	7	72	32	61.1	0	B	1	11	0	6
	38	Y	7		16	61.2	0	A	5	10	0	7
	39	Y	7		8	61.3	0	B	23	9	0	6
	40	Y	7		8	61.4	0	A	13	9	0	9
	41	Y	7		4	61.5	0	B	55	8	0	6
	42	Y	7		4	61.6	0	A	106	8	0	12
	43	Y	7	72	32	62.1	0	B	3	11	0	6
	44	Y	7		16	62.2	0	B	7	10	0	6
	45	Y	7		8	62.3	0	B	25	9	0	15
	46	Y	7		8	62.4	0	A	16	9	0	9
	47	Y	7		4	62.5	0	B	57	8	0	15
	48	Y	7		4	62.6	0	A	110	8	0	9
	49	Y	8	32	32	64.1	0	B	11	11	0	6
	50	Y	8	32	32	65.1	0	B	13	11	0	6
	51	Y	10	16	8	67.1	0	B	58	9	0	6
	52	Y	10		8	67.2	0	A	53	9	0	6
	53	Y	10	16	8	68.1	0	B	60	9	0	8
	54	Y	10		8	68.2	0	A	55	9	0	12
	55	Y	14	8	8	74.1	0	A	45	9	0	9

TAOM(1)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
TAOM(1)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	19	B	144	6	0	0
	3	T	12	112	64	70.1	0	C	1	12	127	0
	4	T	12		32	70.2	0	C	5	11	127	0
	5	T	12		16	70.3	0	C	13	10	127	0
	6	T	29	32	32	72.1	0	B	8	11	0	0
	7	R	6	32	32	2.1	0	B	0	11	0	0
	8	R	6	32	32	4.1	0	A	8	11	0	0
	9	R	6	32	32	5.1	0	A	12	11	0	0
	10	R	7	32	32	8.1	0	A	9	11	0	0
	11	R	8	4	4	11.1	0	A	17	8	0	0
	12	R	10	4	4	14.1	0	A	49	8	1	0
	13	R	7	16	16	17.1	0	A	11	10	0	0
	14	R	8	4	4	20.1	0	A	27	8	0	0
	15	R	7	4	4	23.1	0	A	91	8	0	0
	16	R	7	48	32	24.1	0	C	0	11	0	0
	17	R	7		16	24.2	0	A	26	10	0	0
	18	R	7	48	32	25.1	0	C	2	11	0	0
	19	R	7		16	25.2	0	A	30	10	0	0
	20	R	8	4	4	26.1	0	C	8	8	0	6
	21	R	10	4	4	28.1	0	C	72	8	0	6
	22	R	7	8	8	30.1	0	C	24	9	0	0
	23	R	7	8	8	31.1	0	C	26	9	0	0
	24	R	10	8	8	32.1	0	C	56	9	0	6
	25	R	7	16	8	35.1	0	C	14	9	0	0
	26	R	7		4	35.2	0	C	46	8	0	0
	27	R	7		4	35.3	0	A	81	8	0	0
	28	R	8	4	4	37.1	0	C	110	8	0	0
	29	R	7	32	16	39.1	0	A	3	10	0	0
	30	R	7		16	39.2	0	C	31	10	0	0
	31	R	8	8	4	41.1	0	A	78	8	0	0
	32	R	8		4	41.2	0	B	121	8	0	0
	33	R	10	8	8	43.1	0	C	42	9	0	0
	34	R	7	48	32	45.1	0	B	4	11	0	0
	35	R	7		16	45.2	0	B	12	10	0	0
	36	R	7	48	32	46.1	0	B	6	11	0	0
	37	R	7		16	46.2	0	B	14	10	0	0
	38	R	8	4	4	48.1	0	B	28	8	0	0
	39	R	8	4	4	49.1	0	A	31	8	0	0
	40	R	10	4	4	51.1	0	B	92	8	0	0
	41	R	10	4	4	52.1	0	A	95	8	0	0
	42	R	7	8	8	53.1	0	C	28	9	0	0
	43	R	7	8	8	54.1	0	C	30	9	0	0
	44	R	10	8	8	55.1	0	C	60	9	0	6
	45	R	7	16	16	57.1	0	C	4	10	0	0
	46	R	7	16	16	58.1	0	C	6	10	0	0
	47	R	7	16	16	59.1	0	C	20	10	0	0
	48	R	7	16	16	60.1	0	C	22	10	0	0
	49	R	7	72	32	62.1	0	B	3	11	0	0
	50	R	7		16	62.2	0	B	7	10	0	0
	51	R	7		8	62.3	0	B	25	9	0	0
	52	R	7		8	62.4	0	A	16	9	0	0
	53	R	7		4	62.5	0	B	57	8	0	0
	54	R	7		4	62.6	0	A	110	8	0	0
	55	R	7	72	32	63.1	0	B	5	11	0	0
	56	R	7		16	63.2	0	B	9	10	0	0
	57	R	7		8	63.3	0	B	30	9	0	0
	58	R	7		8	63.4	0	A	19	9	0	0
	59	R	7		4	63.5	0	B	62	8	0	0
	60	R	7		4	63.6	0	A	113	8	0	0
	61	R	8	32	32	65.1	0	B	13	11	0	0

TAOM(1) Cont'd

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
TAOM(1)	62	R	10	16	8	68.1	0	B	60	9	0	0
	63	R	10		8	68.2	0	A	55	9	0	0
	64	Y	14	8	8	74.1	0	A	45	9	0	9

CRC(3)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
CRC(3)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	20	B	400	6	0	0
	3	T	12	112	64	70.1	0	C	1	12	127	0
	4	T	12		32	70.2	0	C	5	11	127	0
	5	T	12		16	70.3	0	C	13	10	127	0
	6	R	6	32	32	2.1	0	B	0	11	0	0
	7	R	6	32	32	3.1	0	A	4	11	0	0
	8	R	6	32	32	4.1	0	A	8	11	0	0
	9	R	6	32	32	5.1	0	A	12	11	0	0
	10	R	7	32	32	8.1	0	A	9	11	0	0
	11	R	8	4	4	11.1	0	A	17	8	0	0
	12	R	7	16	16	17.1	0	A	11	10	0	0
	13	R	8	4	4	20.1	0	A	27	8	0	0
	14	R	7	4	4	23.1	0	A	91	8	0	0
	15	R	7	48	32	24.1	0	C	0	11	0	0
	16	R	7		16	24.2	0	A	26	10	0	0
	17	R	7	48	32	25.1	0	C	2	11	0	0
	18	R	7		16	25.2	0	A	30	10	0	0
	19	R	8	4	4	26.1	0	C	8	8	0	6
	20	R	7	8	8	31.1	0	C	26	9	0	0
	21	R	7	16	8	35.1	0	C	14	9	0	0
	22	R	7		4	35.2	0	C	46	8	0	0
	23	R	7		4	35.3	0	A	81	8	0	0
	24	R	8	4	4	37.1	0	C	110	8	0	0
	25	R	7	32	16	39.1	0	A	3	10	0	0
	26	R	7		16	39.2	0	C	31	10	0	0
	27	R	8	8	4	41.1	0	A	78	8	0	0
	28	R	8		4	41.2	0	B	121	8	0	0
	29	R	7	48	32	45.1	0	B	4	11	0	0
	30	R	7		16	45.2	0	B	12	10	0	0
	31	R	7	48	32	46.1	0	B	6	11	0	0
	32	R	7		16	46.2	0	B	14	10	0	0
	33	R	8	4	4	47.1	0	B	26	8	0	14
	34	R	7	8	8	53.1	0	C	28	9	0	0
	35	R	7	8	8	54.1	0	C	30	9	0	0
	36	R	7	16	16	58.1	0	C	6	10	0	0
	37	R	7	16	16	59.1	0	C	20	10	0	0
	38	R	7	16	16	60.1	0	C	22	10	0	0
	39	R	7	72	32	62.1	0	B	3	11	0	0
	40	R	7		16	62.2	0	B	7	10	0	0
	41	R	7		8	62.3	0	B	25	9	0	0
	42	R	7		8	62.4	0	A	16	9	0	0
	43	R	7		4	62.5	0	B	57	8	0	0
	44	R	7		4	62.6	0	A	110	8	0	0
	45	R	7	72	32	63.1	0	B	5	11	0	0
	46	R	7		16	63.2	0	B	9	10	0	0
	47	R	7		8	63.3	0	B	30	9	0	0
	48	R	7		8	63.4	0	A	19	9	0	0
	49	R	7		4	63.5	0	B	62	8	0	0
	50	R	7		4	63.6	0	A	113	8	0	0
	51	R	8	32	32	65.1	0	B	13	11	0	0
	52	R	14	8	8	75.1	0	A	48	9	0	0
	53	Y	12	112	64	70.1	0	C	1	12	127	6
	54	Y	12		32	70.2	0	C	5	11	127	6
	55	Y	12		16	70.3	0	C	13	10	127	6

E2C(2)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
E2C(2)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	21	B	80	6	0	0
	3	T	8	4	4	64.1	1	B	11	8	0	0
	4	T	10	2	2	67.1	1	B	58	7	0	0
	5	T	12	112	64	70.1	0	C	1	12	127	0
	6	T	12		32	70.2	0	C	5	11	127	0
	7	T	12		16	70.3	0	C	13	10	127	0
	8	R	7	32	16	39.1	0	A	3	10	0	0
	9	R	7		16	39.2	0	C	31	10	0	0
	10	Y	6	32	32	2.1	0	B	0	11	0	11
	11	Y	6	32	32	3.1	0	A	4	11	0	12
	12	Y	6	32	32	4.1	0	A	8	11	0	12
	13	Y	7	32	32	7.1	0	A	6	11	0	9
	14	Y	8	4	4	10.1	0	A	14	8	0	9
	15	Y	10	4	4	13.1	0	A	46	8	1	9
	16	Y	7	16	16	16.1	0	A	7	10	0	12
	17	Y	8	4	4	19.1	0	A	23	8	0	12
	18	Y	7	4	4	22.1	0	A	87	8	0	12
	19	Y	7	48	32	24.1	0	C	0	11	0	6
	20	Y	7		16	24.2	0	A	26	10	0	12
	21	Y	8	4	4	26.1	0	C	8	8	0	6
	22	Y	10	4	4	28.1	0	C	72	8	0	6
	23	Y	7	8	8	30.1	0	C	24	9	0	6
	24	Y	10	8	8	32.1	0	C	56	9	0	6
	25	Y	7	16	8	34.1	0	C	12	9	0	6
	26	Y	7		4	34.2	0	C	44	8	0	6
	27	Y	7		4	34.3	0	A	79	8	0	6
	28	Y	8	4	4	36.1	0	C	108	8	0	6
	29	Y	8	8	4	40.1	0	A	74	8	0	12
	30	Y	8		4	40.2	0	B	119	8	0	6
	31	Y	10	8	8	42.1	0	C	40	9	0	6
	32	Y	7	48	32	45.1	0	B	4	11	0	6
	33	Y	7		16	45.2	0	B	12	10	0	6
	34	Y	8	4	4	48.1	0	B	28	8	0	8
	35	Y	10	4	4	51.1	0	B	92	8	0	8
	36	Y	7	8	8	53.1	0	C	28	9	0	6
	37	Y	10	8	8	55.1	0	C	60	9	0	6
	38	Y	7	16	16	57.1	0	C	4	10	0	6
	39	Y	7	16	16	59.1	0	C	20	10	0	6
	40	Y	7	72	32	61.1	0	B	1	11	0	6
	41	Y	7		16	61.2	0	A	5	10	0	7
	42	Y	7		8	61.3	0	B	23	9	0	6
	43	Y	7		8	61.4	0	A	13	9	0	9
	44	Y	7		4	61.5	0	B	55	8	0	6
	45	Y	7		4	61.6	0	A	106	8	0	12
	46	Y	8	32	32	64.1	0	B	11	11	0	6
	47	Y	10	16	8	67.1	0	B	58	9	0	6
	48	Y	10		8	67.2	0	A	53	9	0	6
	49	Y	12	112	64	70.1	0	C	1	12	127	6
	50	Y	12		32	70.2	0	C	5	11	127	6
	51	Y	12		16	70.3	0	C	13	10	127	6
	52	Y	14	8	8	74.1	0	A	45	9	0	9

E2C(3)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
E2C(3)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	22	B	336	6	0	0
	3	T	8	4	4	64.1	2	B	75	8	0	0
	4	T	10	2	2	67.1	2	B	186	7	0	0
	5	T	12	112	64	70.1	0	C	1	12	127	0
	6	T	12		32	70.2	0	C	5	11	127	0
	7	T	12		16	70.3	0	C	13	10	127	0
	8	R	7	32	16	39.1	0	A	3	10	0	0
	9	R	7		16	39.2	0	C	31	10	0	0
	10	Y	6	32	32	2.1	0	B	0	11	0	11
	11	Y	6	32	32	3.1	0	A	4	11	0	12
	12	Y	6	32	32	4.1	0	A	8	11	0	12
	13	Y	7	32	32	7.1	0	A	6	11	0	9
	14	Y	8	4	4	10.1	0	A	14	8	0	9
	15	Y	10	4	4	13.1	0	A	46	8	1	9
	16	Y	7	16	16	16.1	0	A	7	10	0	12
	17	Y	8	4	4	19.1	0	A	23	8	0	12
	18	Y	7	4	4	22.1	0	A	87	8	0	12
	19	Y	7	48	32	24.1	0	C	0	11	0	6
	20	Y	7		16	24.2	0	A	26	10	0	12
	21	Y	8	4	4	26.1	0	C	8	8	0	6
	22	Y	10	4	4	28.1	0	C	72	8	0	6
	23	Y	7	8	8	30.1	0	C	24	9	0	6
	24	Y	10	8	8	32.1	0	C	56	9	0	6
	25	Y	7	16	8	34.1	0	C	12	9	0	6
	26	Y	7		4	34.2	0	C	44	8	0	6
	27	Y	7		4	34.3	0	A	79	8	0	6
	28	Y	8	4	4	36.1	0	C	108	8	0	6
	29	Y	8	8	4	40.1	0	A	74	8	0	12
	30	Y	8		4	40.2	0	B	119	8	0	6
	31	Y	10	8	8	42.1	0	C	40	9	0	6
	32	Y	7	48	32	45.1	0	B	4	11	0	6
	33	Y	7		16	45.2	0	B	12	10	0	6
	34	Y	8	4	4	48.1	0	B	28	8	0	8
	35	Y	10	4	4	51.1	0	B	92	8	0	8
	36	Y	7	8	8	53.1	0	C	28	9	0	6
	37	Y	10	8	8	55.1	0	C	60	9	0	6
	38	Y	7	16	16	57.1	0	C	4	10	0	6
	39	Y	7	16	16	59.1	0	C	20	10	0	6
	40	Y	7	72	32	61.1	0	B	1	11	0	6
	41	Y	7		16	61.2	0	A	5	10	0	7
	42	Y	7		8	61.3	0	B	23	9	0	6
	43	Y	7		8	61.4	0	A	13	9	0	9
	44	Y	7		4	61.5	0	B	55	8	0	6
	45	Y	7		4	61.6	0	A	106	8	0	12
	46	Y	8	32	32	64.1	0	B	11	11	0	6
	47	Y	10	16	8	67.1	0	B	58	9	0	6
	48	Y	10		8	67.2	0	A	53	9	0	6
	49	Y	12	112	64	70.1	0	C	1	12	127	6
	50	Y	12		32	70.2	0	C	5	11	127	6
	51	Y	12		16	70.3	0	C	13	10	127	6
	52	Y	14	8	8	74.1	0	A	45	9	0	9

E2C(4)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
E2C(4)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	23	B	208	6	0	0
	3	T	8	4	4	64.1	3	B	43	8	0	0
	4	T	10	2	2	67.1	3	B	122	7	0	0
	5	T	12	112	64	70.1	0	C	1	12	127	0
	6	T	12		32	70.2	0	C	5	11	127	0
	7	T	12		16	70.3	0	C	13	10	127	0
	8	R	7	32	16	39.1	0	A	3	10	0	0
	9	R	7		16	39.2	0	C	31	10	0	0
	10	Y	6	32	32	2.1	0	B	0	11	0	11
	11	Y	6	32	32	3.1	0	A	4	11	0	12
	12	Y	6	32	32	4.1	0	A	8	11	0	12
	13	Y	7	32	32	7.1	0	A	6	11	0	9
	14	Y	8	4	4	10.1	0	A	14	8	0	9
	15	Y	10	4	4	13.1	0	A	46	8	1	9
	16	Y	7	16	16	16.1	0	A	7	10	0	12
	17	Y	8	4	4	19.1	0	A	23	8	0	12
	18	Y	7	4	4	22.1	0	A	87	8	0	12
	19	Y	7	48	32	24.1	0	C	0	11	0	6
	20	Y	7		16	24.2	0	A	26	10	0	12
	21	Y	8	4	4	26.1	0	C	8	8	0	6
	22	Y	10	4	4	28.1	0	C	72	8	0	6
	23	Y	7	8	8	30.1	0	C	24	9	0	6
	24	Y	10	8	8	32.1	0	C	56	9	0	6
	25	Y	7	16	8	34.1	0	C	12	9	0	6
	26	Y	7		4	34.2	0	C	44	8	0	6
	27	Y	7		4	34.3	0	A	79	8	0	6
	28	Y	8	4	4	36.1	0	C	108	8	0	6
	29	Y	8	8	4	40.1	0	A	74	8	0	12
	30	Y	8		4	40.2	0	B	119	8	0	6
	31	Y	10	8	8	42.1	0	C	40	9	0	6
	32	Y	7	48	32	45.1	0	B	4	11	0	6
	33	Y	7		16	45.2	0	B	12	10	0	6
	34	Y	8	4	4	48.1	0	B	28	8	0	8
	35	Y	10	4	4	51.1	0	B	92	8	0	8
	36	Y	7	8	8	53.1	0	C	28	9	0	6
	37	Y	10	8	8	55.1	0	C	60	9	0	6
	38	Y	7	16	16	57.1	0	C	4	10	0	6
	39	Y	7	16	16	59.1	0	C	20	10	0	6
	40	Y	7	72	32	61.1	0	B	1	11	0	6
	41	Y	7		16	61.2	0	A	5	10	0	7
	42	Y	7		8	61.3	0	B	23	9	0	6
	43	Y	7		8	61.4	0	A	13	9	0	9
	44	Y	7		4	61.5	0	B	55	8	0	6
	45	Y	7		4	61.6	0	A	106	8	0	12
	46	Y	8	32	32	64.1	0	B	11	11	0	6
	47	Y	10	16	8	67.1	0	B	58	9	0	6
	48	Y	10		8	67.2	0	A	53	9	0	6
	49	Y	12	112	64	70.1	0	C	1	12	127	6
	50	Y	12		32	70.2	0	C	5	11	127	6
	51	Y	12		16	70.3	0	C	13	10	127	6
	52	Y	14	8	8	74.1	0	A	45	9	0	9

E2C(5)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
E2C(5)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	24	B	464	6	0	0
	3	T	8	4	4	64.1	4	B	107	8	0	0
	4	T	10	2	2	67.1	4	B	250	7	0	0
	5	T	12	112	64	70.1	0	C	1	12	127	0
	6	T	12		32	70.2	0	C	5	11	127	0
	7	T	12		16	70.3	0	C	13	10	127	0
	8	R	7	32	16	39.1	0	A	3	10	0	0
	9	R	7		16	39.2	0	C	31	10	0	0
	10	Y	6	32	32	2.1	0	B	0	11	0	11
	11	Y	6	32	32	3.1	0	A	4	11	0	12
	12	Y	6	32	32	4.1	0	A	8	11	0	12
	13	Y	7	32	32	7.1	0	A	6	11	0	9
	14	Y	8	4	4	10.1	0	A	14	8	0	9
	15	Y	10	4	4	13.1	0	A	46	8	1	9
	16	Y	7	16	16	16.1	0	A	7	10	0	12
	17	Y	8	4	4	19.1	0	A	23	8	0	12
	18	Y	7	4	4	22.1	0	A	87	8	0	12
	19	Y	7	48	32	24.1	0	C	0	11	0	6
	20	Y	7		16	24.2	0	A	26	10	0	12
	21	Y	8	4	4	26.1	0	C	8	8	0	6
	22	Y	10	4	4	28.1	0	C	72	8	0	6
	23	Y	7	8	8	30.1	0	C	24	9	0	6
	24	Y	10	8	8	32.1	0	C	56	9	0	6
	25	Y	7	16	8	34.1	0	C	12	9	0	6
	26	Y	7		4	34.2	0	C	44	8	0	6
	27	Y	7		4	34.3	0	A	79	8	0	6
	28	Y	8	4	4	36.1	0	C	108	8	0	6
	29	Y	8	8	4	40.1	0	A	74	8	0	12
	30	Y	8		4	40.2	0	B	119	8	0	6
	31	Y	10	8	8	42.1	0	C	40	9	0	6
	32	Y	7	48	32	45.1	0	B	4	11	0	6
	33	Y	7		16	45.2	0	B	12	10	0	6
	34	Y	8	4	4	48.1	0	B	28	8	0	8
	35	Y	10	4	4	51.1	0	B	92	8	0	8
	36	Y	7	8	8	53.1	0	C	28	9	0	6
	37	Y	10	8	8	55.1	0	C	60	9	0	6
	38	Y	7	16	16	57.1	0	C	4	10	0	6
	39	Y	7	16	16	59.1	0	C	20	10	0	6
	40	Y	7	72	32	61.1	0	B	1	11	0	6
	41	Y	7		16	61.2	0	A	5	10	0	7
	42	Y	7		8	61.3	0	B	23	9	0	6
	43	Y	7		8	61.4	0	A	13	9	0	9
	44	Y	7		4	61.5	0	B	55	8	0	6
	45	Y	7		4	61.6	0	A	106	8	0	12
	46	Y	8	32	32	64.1	0	B	11	11	0	6
	47	Y	10	16	8	67.1	0	B	58	9	0	6
	48	Y	10		8	67.2	0	A	53	9	0	6
	49	Y	12	112	64	70.1	0	C	1	12	127	6
	50	Y	12		32	70.2	0	C	5	11	127	6
	51	Y	12		16	70.3	0	C	13	10	127	6
	52	Y	14	8	8	74.1	0	A	45	9	0	9

SHIP(4)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
SHIP(4)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	25	B	48	6	0	0
	3	T	8	4	4	64.1	5	B	27	8	0	0
	4	T	10	2	2	67.2	5	A	53	7	0	0
	5	T	12	112	64	70.1	0	C	1	12	127	0
	6	T	12		32	70.2	0	C	5	11	127	0
	7	T	12		16	70.3	0	C	13	10	127	0
	8	T	14	8	8	74.1	0	A	45	9	0	0
	9	R	7	32	16	39.1	0	A	3	10	0	0
	10	R	7		16	39.2	0	C	31	10	0	0
	11	Y	6	32	32	2.1	0	B	0	11	0	11
	12	Y	6	32	32	3.1	0	A	4	11	0	12
	13	Y	6	32	32	4.1	0	A	8	11	0	12
	14	Y	7	32	32	7.1	0	A	6	11	0	9
	15	Y	8	4	4	10.1	0	A	14	8	0	9
	16	Y	10	4	4	13.1	0	A	46	8	1	9
	17	Y	7	16	16	16.1	0	A	7	10	0	12
	18	Y	8	4	4	19.1	0	A	23	8	0	12
	19	Y	7	4	4	22.1	0	A	87	8	0	12
	20	Y	7	48	32	24.1	0	C	0	11	0	6
	21	Y	7		16	24.2	0	A	26	10	0	12
	22	Y	8	4	4	26.1	0	C	8	8	0	6
	23	Y	10	4	4	28.1	0	C	72	8	0	6
	24	Y	7	8	8	30.1	0	C	24	9	0	6
	25	Y	10	8	8	32.1	0	C	56	9	0	6
	26	Y	7	16	8	34.1	0	C	12	9	0	6
	27	Y	7		4	34.2	0	C	44	8	0	6
	28	Y	7		4	34.3	0	A	79	8	0	6
	29	Y	8	4	4	36.1	0	C	108	8	0	6
	30	Y	8	8	4	40.1	0	A	74	8	0	12
	31	Y	8		4	40.2	0	B	119	8	0	6
	32	Y	10	8	8	42.1	0	C	40	9	0	6
	33	Y	7	48	32	45.1	0	B	4	11	0	6
	34	Y	7		16	45.2	0	B	12	10	0	6
	35	Y	8	4	4	48.1	0	B	28	8	0	8
	36	Y	10	4	4	51.1	0	B	92	8	0	8
	37	Y	7	8	8	53.1	0	C	28	9	0	6
	38	Y	10	8	8	55.1	0	C	60	9	0	6
	39	Y	7	16	16	57.1	0	C	4	10	0	6
	40	Y	7	16	16	59.1	0	C	20	10	0	6
	41	Y	7	72	32	61.1	0	B	1	11	0	6
	42	Y	7		16	61.2	0	A	5	10	0	7
	43	Y	7		8	61.3	0	B	23	9	0	6
	44	Y	7		8	61.4	0	A	13	9	0	9
	45	Y	7		4	61.5	0	B	55	8	0	6
	46	Y	7		4	61.6	0	A	106	8	0	12
	47	Y	8	32	32	64.1	0	B	11	11	0	6
	48	Y	10	16	8	67.1	0	B	58	9	0	6
	49	Y	10		8	67.2	0	A	53	9	0	6
	50	Y	12	112	64	70.1	0	C	1	12	127	6
	51	Y	12		32	70.2	0	C	5	11	127	6
	52	Y	12		16	70.3	0	C	13	10	127	6
	53	Y	14	8	8	74.1	0	A	45	9	0	9

SHIP(5)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
SHIP(5)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	26	B	304	6	0	0
	3	T	8	4	4	64.1	6	B	91	8	0	0
	4	T	10	2	2	67.2	6	A	181	7	0	0
	5	T	12	112	64	70.1	0	C	1	12	127	0
	6	T	12		32	70.2	0	C	5	11	127	0
	7	T	12		16	70.3	0	C	13	10	127	0
	8	T	14	8	8	74.1	0	A	45	9	0	0
	9	R	7	32	16	39.1	0	A	3	10	0	0
	10	R	7		16	39.2	0	C	31	10	0	0
	11	Y	6	32	32	2.1	0	B	0	11	0	11
	12	Y	6	32	32	3.1	0	A	4	11	0	12
	13	Y	6	32	32	4.1	0	A	8	11	0	12
	14	Y	7	32	32	7.1	0	A	6	11	0	9
	15	Y	8	4	4	10.1	0	A	14	8	0	9
	16	Y	10	4	4	13.1	0	A	46	8	1	9
	17	Y	7	16	16	16.1	0	A	7	10	0	12
	18	Y	8	4	4	19.1	0	A	23	8	0	12
	19	Y	7	4	4	22.1	0	A	87	8	0	12
	20	Y	7	48	32	24.1	0	C	0	11	0	6
	21	Y	7		16	24.2	0	A	26	10	0	12
	22	Y	8	4	4	26.1	0	C	8	8	0	6
	23	Y	10	4	4	28.1	0	C	72	8	0	6
	24	Y	7	8	8	30.1	0	C	24	9	0	6
	25	Y	10	8	8	32.1	0	C	56	9	0	6
	26	Y	7	16	8	34.1	0	C	12	9	0	6
	27	Y	7		4	34.2	0	C	44	8	0	6
	28	Y	7		4	34.3	0	A	79	8	0	6
	29	Y	8	4	4	36.1	0	C	108	8	0	6
	30	Y	8	8	4	40.1	0	A	74	8	0	12
	31	Y	8		4	40.2	0	B	119	8	0	6
	32	Y	10	8	8	42.1	0	C	40	9	0	6
	33	Y	7	48	32	45.1	0	B	4	11	0	6
	34	Y	7		16	45.2	0	B	12	10	0	6
	35	Y	8	4	4	48.1	0	B	28	8	0	8
	36	Y	10	4	4	51.1	0	B	92	8	0	8
	37	Y	7	8	8	53.1	0	C	28	9	0	6
	38	Y	10	8	8	55.1	0	C	60	9	0	6
	39	Y	7	16	16	57.1	0	C	4	10	0	6
	40	Y	7	16	16	59.1	0	C	20	10	0	6
	41	Y	7	72	32	61.1	0	B	1	11	0	6
	42	Y	7		16	61.2	0	A	5	10	0	7
	43	Y	7		8	61.3	0	B	23	9	0	6
	44	Y	7		8	61.4	0	A	13	9	0	9
	45	Y	7		4	61.5	0	B	55	8	0	6
	46	Y	7		4	61.6	0	A	106	8	0	12
	47	Y	8	32	32	64.1	0	B	11	11	0	6
	48	Y	10	16	8	67.1	0	B	58	9	0	6
	49	Y	10		8	67.2	0	A	53	9	0	6
	50	Y	12	112	64	70.1	0	C	1	12	127	6
	51	Y	12		32	70.2	0	C	5	11	127	6
	52	Y	12		16	70.3	0	C	13	10	127	6
	53	Y	14	8	8	74.1	0	A	45	9	0	9

SHIP(6)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
SHIP(6)	1	T	3	8	8	1.1	0	A	32	9	0	0
	2	T	6	1	1	2.1	27	B	176	6	0	0
	3	T	8	4	4	64.1	7	B	59	8	0	0
	4	T	10	2	2	67.2	7	A	117	7	0	0
	5	T	12	112	64	70.1	0	C	1	12	127	0
	6	T	12		32	70.2	0	C	5	11	127	0
	7	T	12		16	70.3	0	C	13	10	127	0
	8	T	14	8	8	74.1	0	A	45	9	0	0
	9	R	7	32	16	39.1	0	A	3	10	0	0
	10	R	7		16	39.2	0	C	31	10	0	0
	11	Y	6	32	32	2.1	0	B	0	11	0	11
	12	Y	6	32	32	3.1	0	A	4	11	0	12
	13	Y	6	32	32	4.1	0	A	8	11	0	12
	14	Y	7	32	32	7.1	0	A	6	11	0	9
	15	Y	8	4	4	10.1	0	A	14	8	0	9
	16	Y	10	4	4	13.1	0	A	46	8	1	9
	17	Y	7	16	16	16.1	0	A	7	10	0	12
	18	Y	8	4	4	19.1	0	A	23	8	0	12
	19	Y	7	4	4	22.1	0	A	87	8	0	12
	20	Y	7	48	32	24.1	0	C	0	11	0	6
	21	Y	7		16	24.2	0	A	26	10	0	12
	22	Y	8	4	4	26.1	0	C	8	8	0	6
	23	Y	10	4	4	28.1	0	C	72	8	0	6
	24	Y	7	8	8	30.1	0	C	24	9	0	6
	25	Y	10	8	8	32.1	0	C	56	9	0	6
	26	Y	7	16	8	34.1	0	C	12	9	0	6
	27	Y	7		4	34.2	0	C	44	8	0	6
	28	Y	7		4	34.3	0	A	79	8	0	6
	29	Y	8	4	4	36.1	0	C	108	8	0	6
	30	Y	8	8	4	40.1	0	A	74	8	0	12
	31	Y	8		4	40.2	0	B	119	8	0	6
	32	Y	10	8	8	42.1	0	C	40	9	0	6
	33	Y	7	48	32	45.1	0	B	4	11	0	6
	34	Y	7		16	45.2	0	B	12	10	0	6
	35	Y	8	4	4	48.1	0	B	28	8	0	8
	36	Y	10	4	4	51.1	0	B	92	8	0	8
	37	Y	7	8	8	53.1	0	C	28	9	0	6
	38	Y	10	8	8	55.1	0	C	60	9	0	6
	39	Y	7	16	16	57.1	0	C	4	10	0	6
	40	Y	7	16	16	59.1	0	C	20	10	0	6
	41	Y	7	72	32	61.1	0	B	1	11	0	6
	42	Y	7		16	61.2	0	A	5	10	0	7
	43	Y	7		8	61.3	0	B	23	9	0	6
	44	Y	7		8	61.4	0	A	13	9	0	9
	45	Y	7		4	61.5	0	B	55	8	0	6
	46	Y	7		4	61.6	0	A	106	8	0	12
	47	Y	8	32	32	64.1	0	B	11	11	0	6
	48	Y	10	16	8	67.1	0	B	58	9	0	6
	49	Y	10		8	67.2	0	A	53	9	0	6
	50	Y	12	112	64	70.1	0	C	1	12	127	6
	51	Y	12		32	70.2	0	C	5	11	127	6
	52	Y	12		16	70.3	0	C	13	10	127	6
	53	Y	14	8	8	74.1	0	A	45	9	0	9

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Appendix B

OPTION TIME SLOT ASSIGNMENTS

SURVEILLANCE OPTIONS (NPG-7)

This appendix contains listings of the time slot block assignments for each of the design file options available in the network for Surveillance, Air Control and Fighter-to-Fighter NPGs for USN C2 units and F-14Ds. The listing of sequence numbers are shown in parenthesis for each of the options, i.e., Sequence (N), where N is the sequence number.

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SURVEILLANCE OPTION 1

Participant	Slot Block No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Time Slots Assigned Set	Index	RRN	Net
Surveillance Sequence Number (1)											
C2(1)	1	T	7	38	32	61.1	1	B	1	11	0
	2	T	7		4	61.5	1	B	55	8	0
	3	T	7		2	61.6	1	A	106	7	0
Surveillance Sequence Number (2)											
C2(2)	1	T	7	16	16	61.2	2	A	5	10	1
Surveillance Sequence Number (3)											
C2(3)	1	T	7	16	8	61.3	3	B	23	9	0
	2	T	7		8	61.4	3	A	13	9	0
Surveillance Sequence Number (4)											
C2(4)	1	T	7	1	1	61.6	4	A	234	6	0
Surveillance Sequence Number (5)											
C2(5)	1	T	7	1	1	61.6	5	A	490	6	0

SURVEILLANCE OPTION 2

Participant	Slot Block No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Time Slots Assigned Set	Index	RRN	Net
Surveillance Sequence Number (1)											
C2(1)	1	T	7	32	32	61.1	1	B	1	11	0
Surveillance Sequence Number (2)											
C2(2)	1	T	7	13	8	61.2	2	A	5	9	1
	2	T	7		4	61.4	2	A	13	8	0
	3	T	7		1	61.6	2	A	106	6	0
Surveillance Sequence Number (3)											
C2(3)	1	T	7	13	8	61.2	3	A	37	9	1
	2	T	7		4	61.4	3	A	77	8	0
	3	T	7		1	61.6	3	A	362	6	0
Surveillance Sequence Number (4)											
C2(4)	1	T	7	13	8	61.3	4	B	23	9	0
	2	T	7		4	61.5	4	B	55	8	0
	3	T	7		1	61.6	4	A	234	6	0

SURVEILLANCE OPTION 3

Participant	Slot Block No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Time Slots Assigned Set	Index	RRN	Net
Surveillance Sequence Number (1)											
C2(1)	1	T	7	24	16	61.1	1	B	1	10	0
	2	T	7		8	61.1	1	B	17	9	0
Surveillance Sequence Number (2)											
C2(2)	1	T	7	12	8	61.1	2	B	49	9	0
	2	T	7		4	61.4	2	A	13	8	0
Surveillance Sequence Number (3)											
C2(3)	1	T	7	12	8	61.2	3	A	5	9	1
	2	T	7		4	61.4	3	A	77	8	0
Surveillance Sequence Number (4)											
C2(4)	1	T	7	12	8	61.2	4	A	37	9	1
	2	T	7		4	61.5	4	B	55	8	0
Surveillance Sequence Number (5)											
C2(5)	1	T	7	12	8	61.3	5	B	23	9	0
	2	T	7		4	61.6	5	A	106	8	0

SURVEILLANCE OPTION 4

Participant	Slot Block No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Time Slots Assigned Set	Index	RRN	Net
Surveillance Sequence Number (1)											
C2(1)	1	T	7	20	16	61.1	1	B	1	10	0
	2	T	7		4	61.4	1	A	13	8	0
Surveillance Sequence Number (2)											
C2(2)	1	T	7	10	8	61.1	2	B	17	9	0
	2	T	7		2	61.4	2	A	77	7	0
Surveillance Sequence Number (3)											
C2(3)	1	T	7	10	8	61.1	3	B	49	9	0
	2	T	7		2	61.4	3	A	205	7	0
Surveillance Sequence Number (4)											
C2(4)	1	T	7	10	8	61.2	4	A	5	9	1
	2	T	7		2	61.5	4	B	55	7	0
Surveillance Sequence Number (5)											
C2(5)	1	T	7	10	8	61.2	5	A	37	9	1
	2	T	7		2	61.5	5	B	183	7	0
Surveillance Sequence Number (6)											
C2(6)	1	T	7	10	8	61.3	6	B	23	9	0
	2	T	7		2	61.6	6	A	106	7	0

SURVEILLANCE OPTION 5

Participant	Slot Block No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Time Slots Assigned Set	Index	RRN	Net
Surveillance Sequence Number (1)											
C2(1)	1	T	7	24	16	61.1	1	B	1	10	0
	2	T	7		8	61.1	1	B	17	9	0
Surveillance Sequence Number (2)											
C2(2)	1	T	7	8	8	61.1	2	B	49	9	0
Surveillance Sequence Number (3)											
C2(3)	1	T	7	8	8	61.2	3	A	5	9	1
Surveillance Sequence Number (4)											
C2(4)	1	T	7	8	8	61.2	4	A	37	9	1
Surveillance Sequence Number (5)											
C2(5)	1	T	7	8	8	61.3	5	B	23	9	0
Surveillance Sequence Number (6)											
C2(6)	1	T	7	8	8	61.4	6	A	13	9	0
Surveillance Sequence Number (7)											
C2(7)	1	T	7	8	4	61.5	7	B	55	8	0
	2	T	7		4	61.6	7	A	106	8	0

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Appendix C

NON-TIME SLOT INITIALIZATION PARAMETERS

This appendix contains listings of the non-time slot block initialization parameters (excluding time slot assignments) defined for the U.S. Navy platforms. Refer to Appendix A of this network description for time slot block assignments for all participants in the network.

The Shipboard, E-2C and F-14D Platform Non-Time Slot Parameters define the values which are contained in the JNL platform files for the participants in the network.

The lists contain all the parameters identified in the following documents as the initialization data stored in the terminal non-volatile memory:

- Interface Control Document for JTIDS Navy Airborne Class 2 Terminal (#Y207A134) dated 15 March 1998 (Rev R).
- Interface Control Document for JTIDS Navy Shipboard Class 2 Terminal (#Y207A135) dated 15 March 1998 (Rev W).
- Common Interface Control Document for Global Memory Data Format Plain Text Bus (PTB) Navy JTIDS Class 2 Terminal (3 Vols) with SCN 1 (#R207A045C) dated 15 March 1998.

These values represent both default as well as preset values which are required for initializing the platforms participating in the network.

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SHIPBOARD PLATFORMS

```
  HEX     START
VALUE WORD BIT LENGTH    PARAMETER                          VALUE


****                           BLOCK 1
 HEX       START
VALUE WORD BIT LENGTH PARAMETER                             VALUE
-----------------------------------------------------------------
04e9   3   15    1   RECEIVE MODE-FIXED VALUE NAVY       0 -  Normal Rcv
       3   14    2   TEST MODE                           0 - No_Test_Msg
       3   12    3   TDMA XMIT MODE                      1 -      Normal
       3    9    2   RECEIVE ANTENNA CONFIGURATION       0 - DualAntenna
       3    7    1   HPA PRESENT                         1 - HPA_Present
       3    6    2   EXCITER OUTPUT CONTROL              3 -          ON
       3    4    2   IPF OVERRIDE                        1 -    Exercise
       3    2    1   TDMA RANGE                          0 -      Normal
       3    1    2   COMMUNICATIONS MODE                 1 -      Mode_1
0000   4   15    1   NOT USED
       4   14   15   PRIMARY TRACK NUMBER                0 - NoStatement
6922   5   15    3   RF LOOPBACK CONTROL-FIXED VAL AIR   3 - Mode_Single
       5   12    3   HPA OUTPUT LEVEL                    2 -    LowPower
       5    9    1   NOT USED BY NAVY SHIP
       5    8    2   R/T RECEIVER CONFIGURATION          2 -     8_Rcvrs
       5    6    1   RECORDER FUNCTION ON                0 -         OFF
       5    5    1   PPLI POOL                           1 -      Pool_B
       5    4    1   NET TIME REFERENCE                  0 -      nonNTR
       5    3    1   POSITION REFERENCE                  0 -      Not_PR
       5    2    3   ORGANIZATIONAL USER TYPE            2 -     Primary
0000   6   15    5   NOT USED
       6   10    1   OTAR MODE                           0 - No_OTARMode
       6    9    3   NOT USED
       6    6    1   CURRENT CRYPTOPERIOD DESIGNATOR     0 - Period=Zero
       6    5    3   SEQUENCE NUMBER                     0 - 24Hr_Period
       6    2    1   NET ENTRY TRANSMIT ENABLE           0 -    Disabled
       6    1    1   EXTERNAL TIME REFERENCE             0 -    Don'tUse
       6    0    1   TAPE RECORDER PORT SELECTION        0 -         MUX
068b   7   15    5   NOT USED
       7   10    1   NOT USED BY NAVY
       7    9    1   LOOPBACK PATH                       1 -  Beyond_R/T
       7    8    2   PLATFORM TRANSMIT TYPE              1 -   OneXmtAnt
       7    6    4   STRENGTH                            1 -      1_Unit
       7    2    3   PLATFORM TYPE                       3 -     Surface
0000   8   15   16   STATION LATITUDE (COARSE)           0 - NoStatement
0000   9   15    8   STATION LATITUDE (FINE)             0 - NoStatement
       9    7    8   NOT USED
0000  10   15   16   STATION LONGITUDE (COARSE)          0 - NoStatement
0000  11   15    8   STATION LONGITUDE (FINE)            0 - NoStatement
      11    7    8   NOT USED
0000  12   15   16   HOST PLATFORM ANTENNA HEIGHT        0 - NoStatement
0220  13   15    1   STATION POSITION VALIDITY           0 -     Invalid
      13   14    5   NOT USED
      13    9    5   HEIGHT UNCERTAINTY                 17 -  <=41.8Feet
      13    4    5   POSITION UNCERTAINTY                0 -  >60000Feet
8000  14   15   16   GRID ORIGIN LATITUDE (COARSE)       0 - NoStatement
0000  15   15    8   GRID ORIGIN LATITUDE (FINE)         0 - NoStatement
      15    7    8   NOT USED
8000  16   15   16   GRID ORIGIN LONGITUDE (COARSE)      0 - NoStatement
0000  17   15    8   GRID ORIGIN LONGITUDE (FINE)        0 - NoStatement
      17    7    8   NOT USED
0000  18   15   16   RESERVED FOR FUTURE GROWTH
0000  19   15    9   NOT USED
      19    6    7   DEFAULT NET NUMBER                  0 -       Net 0
```

SHIPBOARD PLATFORMS

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
0101	20	15	1	NOT USED	
	20	14	7	DEFAULT TSEC VARIABLE	1 - CVLL 1
	20	7	1	NOT USED	
	20	6	7	DEFAULT MSEC VARIABLE	1 - CVLL 1
8101	21	15	1	CRYPTO PERIOD DESIGNATOR	1 - Period 1
	21	14	7	VARIABLE CODE FOR LOCATION 1	1 - CVLL 1
	21	7	1	CRYPTO PERIOD DESIGNATOR	0 - Period 0
	21	6	7	VARIABLE CODE FOR LOCATION 0	1 - CVLL 1
8000	22	15	1	CRYPTO PERIOD DESIGNATOR	1 - Period 1
	22	14	7	VARIABLE CODE FOR LOCATION 3	0 - NoStatement
	22	7	1	CRYPTO PERIOD DESIGNATOR	0 - Period 0
	22	6	7	VARIABLE CODE FOR LOCATION 2	0 - NoStatement
8000	23	15	1	CRYPTO PERIOD DESIGNATOR	1 - Period 1
	23	14	7	VARIABLE CODE FOR LOCATION 5	0 - NoStatement
	23	7	1	CRYPTO PERIOD DESIGNATOR	0 - Period 0
	23	6	7	VARIABLE CODE FOR LOCATION 4	0 - NoStatement
8000	24	15	1	CRYPTO PERIOD DESIGNATOR	1 - Period 1
	24	14	7	VARIABLE CODE FOR LOCATION 7	0 - NoStatement
	24	7	1	CRYPTO PERIOD DESIGNATOR	0 - Period 0
	24	6	7	VARIABLE CODE FOR LOCATION 6	0 - NoStatement
0000	25	15	8	TRANSMIT ANTENNA B CABLE DELAY	0 - 0.0 nsecs
	25	7	8	NOT USED	
0000	26	15	4	NOT USED	
	26	11	1	PORT 2 CODED VOICE-FIXED VALUE NAVY	0 - Uncode
	26	10	2	VOICE PORT 2 RATE-FIXED VALUE NAVY	0 - 16Kbps
	26	8	5	NOT USED	
	26	3	1	PORT 1 CODED VOICE-FIXED VALUE NAVY	0 - Uncode
	26	2	2	VOICE PORT 1 RATE-FIXED VALUE NAVY	0 - 16Kbps
	26	0	1	VOICE CHANNELIZATION	0 - A=1/B=2
0000	27	15	8	NOT USED	
	27	7	8	ETR CABLE DELAY	0 - 0.0 nsecs
0000	28	15	8	RT TO DDP CABLE DELAY	0 - 0.0 nsecs
	28	7	8	ANTENNA A CABLE DELAY	0 - 0.0 nsecs
0000	29	15	8	NOT USED BY NAVY	
	29	7	8	ANTENNA B CABLE DELAY	0 - 0.0 nsecs
0000	30	15	16	NOT USED BY NAVY	
0000	31	15	16	NOT USED BY NAVY	
0000	32	15	8	LOOPBACK VALUE BEYOND R/T	0 - 0.0 nsecs
	32	7	8	NOT USED	

**** BLOCK 2

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
0000	3	15	1	SET TO LOGIC ZERO	0
	3	14	15	SECONDARY TRACK NUMBER 1	NoStatement
0000	4	15	1	SET TO LOGIC ZERO	0
	4	14	15	SECONDARY TRACK NUMBER 2	NoStatement
0000	5	15	1	SET TO LOGIC ZERO	0
	5	14	15	SECONDARY TRACK NUMBER 3	NoStatement
0000	6	15	1	SET TO LOGIC ZERO	0
	6	14	15	SECONDARY TRACK NUMBER 4	NoStatement
0000	7	15	1	SET TO LOGIC ZERO	0
	7	14	15	SECONDARY TRACK NUMBER 5	NoStatement
0000	8	15	1	SET TO LOGIC ZERO	0
	8	14	15	SECONDARY TRACK NUMBER 6	NoStatement
0000	9	15	1	SET TO LOGIC ZERO	0
	9	14	15	SECONDARY TRACK NUMBER 7	NoStatement

SHIPBOARD PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	10	15	1	SET TO LOGIC ZERO	0
	10	14	15	SECONDARY TRACK NUMBER 8	NoStatement
0000	11	15	1	SET TO LOGIC ZERO	0
	11	14	15	SECONDARY TRACK NUMBER 9	NoStatement
0000	12	15	1	SET TO LOGIC ZERO	0
	12	14	15	SECONDARY TRACK NUMBER 10	NoStatement
0000	13	15	1	SET TO LOGIC ZERO	0
	13	14	15	SECONDARY TRACK NUMBER 11	NoStatement
0000	14	15	1	SET TO LOGIC ZERO	0
	14	14	15	SECONDARY TRACK NUMBER 12	NoStatement
0000	15	15	1	SET TO LOGIC ZERO	0
	15	14	15	SECONDARY TRACK NUMBER 13	NoStatement
0000	16	15	1	SET TO LOGIC ZERO	0
	16	14	15	SECONDARY TRACK NUMBER 14	NoStatement
0000	17	15	1	SET TO LOGIC ZERO	0
	17	14	15	SECONDARY TRACK NUMBER 15	NoStatement
0000	18	15	1	SET TO LOGIC ZERO	0
	18	14	15	SECONDARY TRACK NUMBER 16	NoStatement
0003	19	15	10	NOT USED	
	19	5	2	REPROMULGATION CONTROL	0 - Inactive
	19	3	4	REPROMULGATION HOP COUNT	3 - 3 Hops
0010	20	15	1	NOT USED BY NAVY	0 - Off
	20	14	1	NOT USED BY NAVY	0 - Off
	20	13	1	NOT USED BY NAVY	0 - Off
	20	12	1	NOT USED BY NAVY	0 - Off
	20	11	1	NOT USED BY NAVY	0 - Off
	20	10	1	NOT USED BY NAVY	0 - Off
	20	9	1	NOT USED BY NAVY	0 - Off
	20	8	1	NOT USED BY NAVY SHIP	0 - Off
	20	7	1	NOT USED BY NAVY SHIP	0 - Off
	20	6	1	NOT USED BY NAVY SHIP	0 - Off
	20	5	1	SIMULATION INDICATOR	0 - Off
	20	4	1	COMMAND & CONTROL INDICATOR	1 - Enable
	20	3	1	NOT USED BY NAVY SHIP	0 - Off
	20	2	1	FORCE TELL INDICATOR	0 - Off
	20	1	1	NOT USED BY NAVY	0 - Off
	20	0	1	EXERCISE INDICATOR	0 - Off
0000	21	15	3	SPARE	
	21	12	7	PLATFORM ACTIVITY (MARINE)	NoStatement
	21	5	6	PLATFORM ID (MARINE)	NoStatement
0000	22	15	8	MISSION CORRELATOR 1	NoStatement
	22	7	8	MISSION CORRELATOR 0	NoStatement
0000	23	15	8	MISSION CORRELATOR 3	NoStatement
	23	7	8	MISSION CORRELATOR 2	NoStatement
0000	24	15	8	MISSION CORRELATOR 5	NoStatement
	24	7	8	MISSION CORRELATOR 4	NoStatement
0000	25	15	8	MISSION CORRELATOR 7	NoStatement
	25	7	8	MISSION CORRELATOR 6	NoStatement
ffff	26	15	1	KF STATE VECTOR & COVARIANCE	1 - Off
	26	14	1	SYNCHRONIZATION FILTER DATA	1 - Off
	26	13	1	NOT USED	0 - Off
	26	12	1	NOT USED	0 - Off
	26	11	1	SICP STATUS	1 - Off
	26	10	1	NICP 12-SEC STATUS REPORT DTB	1 - Off
	26	9	1	MESSAGE STATUS	1 - Off
	26	8	1	REAL TIME SLOT SEQUENCE	1 - Off
	26	7	1	NPG MAPPING STATUS	1 - Off
	26	6	1	NICP INITIAL DATA STATUS RSP	1 - Off

SHIPBOARD PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
	26	5	1	BI-DIRECT INITIALIZATION DATA	1 - Off
	26	4	1	NAVIGATION DATA FROM NICP	1 - Off
	26	3	1	START-UP NAVIGATION DATA	1 - Off
	26	2	1	NAVIGATION DATA FROM SICP	1 - Off
	26	1	1	RECEIVED MSG/LOOPBACK TRANSMISSION	1 - Off
	26	0	1	MESSAGE TO TRANSMIT	1 - Off
ffff	27	15	1	NOT USED BY NAVY	1 - Off
	27	14	1	NOT USED BY NAVY	1 - Off
	27	13	1	NOT USED BY NAVY	1 - Off
	27	12	1	NOT USED BY NAVY	1 - Off
	27	11	1	RTSS DATA AS MODIFIED BY TSR SELECT	1 - Off
	27	10	1	CONTROL DISCRETE DATA	1 - Off
	27	9	1	NOT USED BY NAVY SHIP	1 - Off
	27	8	1	NOT USED BY NAVY	1 - Off
	27	7	1	NOT USED BY NAVY	1 - Off
	27	6	1	SICP MEMORY BLOCKS	1 - Off
	27	5	1	NOT USED BY NAVY	1 - Off
	27	4	1	MUX DATA	1 - Off
	27	3	1	PANEL (SACP/SICP & SICP/SACP) DATA	1 - Off
	27	2	1	TERMINAL STATUS	1 - Off
	27	1	1	SPARE	1 - Off
	27	0	1	KF FILTER OBSERVATION DATA	1 - Off
ffff	28	15	16	RESERVED FOR FUTURE GROWTH	Off
ffff	29	15	16	NOT USED BY NAVY	Off
0000	30	15	16	NOT USED	
003f	31	15	10	NOT USED	
	31	5	1	CONTROL	1 - Don't_Use
	31	4	1	PPLI B	1 - Don't_Use
	31	3	1	PPLI A	1 - Don't_Use
	31	2	1	RTT	1 - Don't_Use
	31	1	1	VOICE B	1 - Don't_Use
	31	0	1	VOICE A	1 - Don't_Use
003f	32	15	8	RECEIVE ANTENNA B CABLE DELAY	0.0 nsecs
	32	7	8	RECEIVE ANTENNA A CABLE DELAY	0.0 nsecs

**** BLOCK 16

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	3-18	15	16	HOST MESSAGE FILTER WORD	0 - Provide
0403	19	15	5	NOT USED	
	19	10	1	NON-VOICE FREE TEXT FILTER	1 - Do Not Provide
	19	9	7	NOT USED	
	19	2	1	ALL TRACK NUMBERS FILTER	0 - Provide
	19	1	1	SECONDARY TRACK NUBMER FILTER	1 - Do Not Provide
	19	0	1	PRIMARY TRACK NUMBER FILTER	1 - Do Not Provide
0000	20-32	15	16	NOT USED	

**** BLOCK 17

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	3	15	1	NOT USED	
	3	14	7	NO OF CHANNELS IN VOICE GROUP A	0 - No Assign
	3	7	1	NOT USED	
	3	6	7	STARTING NET FOR VOICE GROUP A	0 - Net 0
0000	4	15	1	NOT USED	
	4	14	7	NO OF CHANNELS IN VOICE GROUP B	0 - No Assign

SHIPBOARD PLATFORMS

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
	4	7	1	NOT USED	
	4	6	7	STARTING NET FOR VOICE GROUP B	0 - Net 0
0000	5	15	1	NOT USED	
	5	14	7	NO OF CHANNELS IN CONTROL GROUP	0 - No Assign
	5	7	1	NOT USED	
	5	6	7	STARTING NET FOR CONTROL GROUP	0 - Net 0
0000	6-32	15	1	VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	6-32	14	7	VAR FOR NET N+1	0 - NICP Assign
	6-32	7	1	VAR FOR NET N VALIDITY CHANNEL	0 - Invalid
	6-32	6	7	VAR FOR NET N	0 - NICP Assign

**** BLOCK 18

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
0000	3	15	1	VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	14	7	VAR FOR NET N+1	0 - NICP Assign
	3	7	1	VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	6	7	VAR FOR NET N+1	0 - NICP Assign

**** BLOCK 19

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
0000	3	15	1	VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	14	7	VAR FOR NET N+1	0 - NICP Assign
	3	7	1	VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	6	7	VAR FOR NET N+1	0 - NICP Assign

**** BLOCK 20

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
0000	3	15	1	VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	14	7	VAR FOR NET N+1	0 - NICP Assign
	3	7	1	VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	6	7	VAR FOR NET N+1	0 - NICP Assign
0400	12	15	16	INITIAL ENTRY WORD 1	1024-SEE MS6016 Series
007f	13	15	16	INITIAL ENTRY WORD 2	127-SEE MS6016 Series
0000	14	15	16	INITIAL ENTRY WORD 3	0 - SEE MS6016 Series
0000	15	15	16	INITIAL ENTRY WORD 4	0 - SEE MS6016 Series
0000	16	15	16	INITIAL ENTRY WORD 5	0 - SEE MS6016 Series
0000	17	15	16	INITIAL ENTRY WORD 6	0 - SEE MS6016 Series
0000	18	15	16	INITIAL ENTRY WORD 7	0 - SEE MS6016 Series
0000	19	15	16	INITIAL ENTRY WORD 8	0 - SEE MS6016 Series
0000	20	15	16	INITIAL ENTRY WORD 9	0 - SEE MS6016 Series
0000	21	15	16	INITIAL ENTRY WORD 10	0 - SEE MS6016 Series
ffff	22	15	16	MUX DATA FILTER INPUT WORD 1	DO NOT PROVIDE
ffff	23	15	16	MUX DATA FILTER INPUT WORD 2	DO NOT PROVIDE
ffff	24	15	16	MUX DATA FILTER OUTPUT WORD 1	DO NOT PROVIDE
ffff	25	15	16	MUX DATA FILTER OUTPUT WORD 2	DO NOT PROVIDE
0000	26	15	16	NOT USED BY NAVY	
0000	27	15	16	NOT USED BY NAVY	
0000	28	15	16	NOT USED BY NAVY	
0000	29	15	16	NOT USED BY NAVY	
0000	30	15	4	REC BLK NO 1 STARTING ADD MSBs	0 - (No Statement)
	30	11	5	NOT USED	

SHIPBOARD PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
	30	6	7	WORD COUNT BLOCK NO 1	0 - (No Statement)
0000	31	15	16	REC BLK NO 1 STARTING ADD LSBs	0 - (No Statement)
0000	32	15	16	RATE BLOCK NUMBER 1	0 - DO NOT OUTPUT

**** BLOCK 21

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	3-30	15	4	REC BLK NO 2-11 STARTING ADD MSBs	0 - (No Statement)
	3-30	11	5	NOT USED	
	3-30	6	7	WORD COUNT BLOCK NO 2-11	0 - (No Statement)
0000	4-31	15	16	REC BLK NO 2-11 STARTING ADD LSBs	0 - (No Statement)
0000	5-32	15	16	RATE BLOCK NUMBER 2-11	0 - DO NOT OUTPUT

**** BLOCK 22

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	3-15	15	4	REC BLK NO 12-16 STARTING ADD MSBs	0 - (No Statement)
	3-15	11	5	NOT USED	
	3-15	6	7	WORD COUNT BLOCK NO 12-16	0 - (No Statement)
0000	4-16	15	16	REC BLK NO 12-16 STARTING ADD LSBs	0 - (No Statement)
0000	5-17	15	16	RATE BLOCK NUMBER 12-16	0 - DO NOT OUTPUT
0000	18	15	16	TSRD MESSAGE FILTER WORD	Provide all
0000	19	15	16	TSRD MESSAGE FILTER WORD	Provide all
0000	20	15	16	TSRD MESSAGE FILTER WORD	Provide all
0000	21	15	16	TSRD MESSAGE FILTER WORD	Provide all
0000	22	15	16	TSRD MESSAGE FILTER WORD	Provide all
0000	23	15	16	TSRD MESSAGE FILTER WORD	Provide all
0000	24	15	16	TSRD MESSAGE FILTER WORD	Provide all
0000	25	15	16	TSRD MESSAGE FILTER WORD	Provide all
0000	26	15	16	TSRD MESSAGE FILTER WORD	Provide all
0000	27	15	16	TSRD MESSAGE FILTER WORD	Provide all
0000	28	15	16	TSRD MESSAGE FILTER WORD	Provide all
0000	29	15	16	TSRD MESSAGE FILTER WORD	Provide all
0000	30	15	16	TSRD MESSAGE FILTER WORD	Provide all
0000	31	15	16	TSRD MESSAGE FILTER WORD	Provide all
0000	32	15	16	TSRD MESSAGE FILTER WORD	Provide all

**** BLOCK 23

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	3	15	16	TSRD MESSAGE FILTER WORD	Provide all
f7bb	4	15	4	NOT USED	
	4	11	1	RECEIVED MESSAGE HEADERS	0 - PROVIDE
	4	10	1	RCV NOV-VOIC FREE TXT MSG	1 - DO NOT PROVIDE
	4	9	1	RECEIVED VOICE B MESSAGES	1 - DO NOT PROVIDE
	4	8	1	RECEIVED VOICE A MESSAGES	1 - DO NOT PROVIDE
	4	7	1	SPARE(NOT USED BY NAVY)	
	4	6	1	ALL LOOPBACK MESSAGES	0 - PROVIDE
	4	5	1	RTT LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	4	1	TEST LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	3	1	PPLI LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	2	1	ALL TRACK NUMBERS FILTERS	0 - PROVIDE
	4	1	1	SECONDARY TRACK NO FILTER	1 - DO NOT PROVIDE
	4	0	1	PRIMARY TRACK NO FILTER	1 - DO NOT PROVIDE
0206	5	15	5	NOT USED	

SHIPBOARD PLATFORMS

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
	5	10	2	PACKING LIMIT. WORD 1	1 - P2DP
	5	8	9	NET PART GROUP WORD 1	6 PPLI and Status B
0207	6	15	5	NOT USED	
	6	10	2	PACKING LIMIT. WORD 2	1 - P2DP
	6	8	9	NET PART GROUP WORD 2	7 Surveillance
0208	7	15	5	NOT USED	
	7	10	2	PACKING LIMIT. WORD 3	1 - P2DP
	7	8	9	NET PART GROUP WORD 3	8 Mission Mgmt/ Wpns Coord
020a	8	15	5	NOT USED	
	8	10	2	PACKING LIMIT. WORD 4	1 - P2DP
	8	8	9	NET PART GROUP WORD 4	10 Electronic Warfare
060c	9	15	5	NOT USED	
	9	10	2	PACKING LIMIT. WORD 5	3 - P4SP
	9	8	9	NET PART GROUP WORD 5	12 Voice Group A
020e	10	15	5	NOT USED	
	10	10	2	PACKING LIMIT. WORD 6	1 - P2DP
	10	8	9	NET PART GROUP WORD 6	14 Indirect PPLI
0000	11-32	15	5	NOT USED	
	11-32	10	2	PACKING LIMIT. WORD 7-28	0 - STD
	11-32	8	9	NET PART GROUP WORD 7-28	0 - STD

**** BLOCK 24

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
0000	3- 6	15	5	NOT USED	
	3- 6	10	2	PACKING LIMIT. WORD 29-32	0 - STD
	3- 6	8	9	NET PART GROUP WORD 29-32	0 - STD
0000	7-32	15	16	NOT USED	

**** BLOCK 44

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
				TSR POOL 0 (Words 3-5)	
0000	3	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	3	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	3	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	3	10	1	RESERVED FOR FUTURE USE	
	3	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	3	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	3	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	4	15	1	CENTRALIZED MODE	0 - Disable
	4	14	1	DISSEMINATION MODE	0 - STN_Mode
	4	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	4	12	1	RESERVED FOR FUTURE USE	
	4	11	6	TABLE POSITION	0 - nth index
	4	5	3	HOP COUNT THRESHOLD	0 - hops
	4	2	3	DELETION THRESHOLD	0 - realloc prd
0000	5	15	11	NUMBER OF MESSAGES	0 - messages
	5	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
				TSR POOL 1 (Words 6-8)	
0000	6	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	6	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	6	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	6	10	1	RESERVED FOR FUTURE USE	
	6	9	1	HOST NET MANAGER	0 - Host_Not_Mg

SHIPBOARD PLATFORMS

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
	6	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	6	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	7	15	1	CENTRALIZED MODE	0 - Disable
	7	14	1	DISSEMINATION MODE	0 - STN_Mode
	7	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	7	12	1	RESERVED FOR FUTURE USE	
	7	11	6	TABLE POSITION	0 - nth index
	7	5	3	HOP COUNT THRESHOLD	0 - hops
	7	2	3	DELETION THRESHOLD	0 - realloc prd
0000	8	15	11	NUMBER OF MESSAGES	0 - messages
	8	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
				TSR POOL 2 (Words 9-11)	
0000	9	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	9	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	9	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	9	10	1	RESERVED FOR FUTURE USE	
	9	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	9	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	9	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	10	15	1	CENTRALIZED MODE	0 - Disable
	10	14	1	DISSEMINATION MODE	0 - STN_Mode
	10	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	10	12	1	RESERVED FOR FUTURE USE	
	10	11	6	TABLE POSITION	0 - nth index
	10	5	3	HOP COUNT THRESHOLD	0 - hops
	10	2	3	DELETION THRESHOLD	0 - realloc prd
0000	11	15	11	NUMBER OF MESSAGES	0 - messages
	11	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
				TSR POOL 3 (Words 12-14)	
0000	12	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	12	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	12	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	12	10	1	RESERVED FOR FUTURE USE	
	12	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	12	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	12	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	13	15	1	CENTRALIZED MODE	0 - Disable
	13	14	1	DISSEMINATION MODE	0 - STN_Mode
	13	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	13	12	1	RESERVED FOR FUTURE USE	
	13	11	6	TABLE POSITION	0 - nth index
	13	5	3	HOP COUNT THRESHOLD	0 - hops
	13	2	3	DELETION THRESHOLD	0 - realloc prd
0000	14	15	11	NUMBER OF MESSAGES	0 - messages
	14	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
				TSR POOL 4 (Words 15-17)	
0000	15	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	15	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	15	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	15	10	1	RESERVED FOR FUTURE USE	
	15	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	15	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	15	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	16	15	1	CENTRALIZED MODE	0 - Disable
	16	14	1	DISSEMINATION MODE	0 - STN_Mode
	16	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	16	12	1	RESERVED FOR FUTURE USE	
	16	11	6	TABLE POSITION	0 - nth index

SHIPBOARD PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
	16	5	3	HOP COUNT THRESHOLD	0 - hops
	16	2	3	DELETION THRESHOLD	0 - realloc prd
0000	17	15	11	NUMBER OF MESSAGES	0 - messages
	17	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
				TSR POOL 5 (Words 18-20)	
0000	18	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	18	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	18	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	18	10	1	RESERVED FOR FUTURE USE	
	18	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	18	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	18	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	19	15	1	CENTRALIZED MODE	0 - Disable
	19	14	1	DISSEMINATION MODE	0 - STN_Mode
	19	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	19	12	1	RESERVED FOR FUTURE USE	
	19	11	6	TABLE POSITION	0 - nth index
	19	5	3	HOP COUNT THRESHOLD	0 - hops
	19	2	3	DELETION THRESHOLD	0 - realloc prd
0000	20	15	11	NUMBER OF MESSAGES	0 - messages
	20	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
				TSR POOL 6 (Words 21-23)	
0000	21	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	21	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	21	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	21	10	1	RESERVED FOR FUTURE USE	
	21	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	21	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	21	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	22	15	1	CENTRALIZED MODE	0 - Disable
	22	14	1	DISSEMINATION MODE	0 - STN_Mode
	22	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	22	12	1	RESERVED FOR FUTURE USE	
	22	11	6	TABLE POSITION	0 - nth index
	22	5	3	HOP COUNT THRESHOLD	0 - hops
	22	2	3	DELETION THRESHOLD	0 - realloc prd
0000	23	15	11	NUMBER OF MESSAGES	0 - messages
	23	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
				TSR POOL 7 (Words 24-26)	
0000	24	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	24	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	24	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	24	10	1	RESERVED FOR FUTURE USE	
	24	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	24	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	24	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	25	15	1	CENTRALIZED MODE	0 - Disable
	25	14	1	DISSEMINATION MODE	0 - STN_Mode
	25	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	25	12	1	RESERVED FOR FUTURE USE	
	25	11	6	TABLE POSITION	0 - nth index
	25	5	3	HOP COUNT THRESHOLD	0 - hops
	25	2	3	DELETION THRESHOLD	0 - realloc prd
0000	26	15	11	NUMBER OF MESSAGES	0 - messages
	26	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
----	27-32	15	16	SPARE	

**** BLOCK 56

SHIPBOARD PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	3	15	11	NOT USED	
	3	4	5	MESSAGE RATE	0 - 0 Sub/Adr
0009	4	15	7	NOT USED	
	4	8	9	NPG BUFFER 3	9 - NPG 9
0000	5	15	7	NOT USED	
	5	8	9	NPG A	0 - No Statement
0000	6	15	7	NOT USED	
	6	8	9	NPG B	0 - No Statement
0000	7	15	16	HOST NPG FILTER WORDS	Prov NPG: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15,
0000	8	15	16	HOST NPG FILTER WORDS	Prov NPG: 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30,
0000	9	15	9	NOT USED	
	9	6	1	COMPOSITE BLANKING LOGIC LEVEL	0 - TRUE
	9	5	1	COMPOSITE BLANKING ENABLE	0 - DISABLE CB
	9	4	1	ADVANCED SLOT NOTIFICATION ENABLE	0 - DISABLE ASN
	9	3	3	ADVANCE VALUE	0 - Adv = 0
	9	0	1	ADV SLOT NOTIFICATION MODE SELECT	0 - MODE A
0000	10	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	10	14	1	RELAY TRANSMIT	0 - Do Not Provide
	10	13	1	RELAY RECEIVE	0 - Do Not Provide
	10	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	10	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	10	10	1	TRANSMIT ONLY	0 - Do Not Provide
	10	9	1	RELAY ONLY	0 - Do Not Provide
	10	8	9	NPG	0 - No Statement
0000	11	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	11	14	1	RELAY TRANSMIT	0 - Do Not Provide
	11	13	1	RELAY RECEIVE	0 - Do Not Provide
	11	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	11	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	11	10	1	TRANSMIT ONLY	0 - Do Not Provide
	11	9	1	RELAY ONLY	0 - Do Not Provide
	11	8	9	NPG	0 - No Statement
0000	12	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	12	14	1	RELAY TRANSMIT	0 - Do Not Provide
	12	13	1	RELAY RECEIVE	0 - Do Not Provide
	12	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	12	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	12	10	1	TRANSMIT ONLY	0 - Do Not Provide
	12	9	1	RELAY ONLY	0 - Do Not Provide
	12	8	9	NPG	0 - No Statement
0000	13	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	13	14	1	RELAY TRANSMIT	0 - Do Not Provide
	13	13	1	RELAY RECEIVE	0 - Do Not Provide
	13	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	13	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	13	10	1	TRANSMIT ONLY	0 - Do Not Provide
	13	9	1	RELAY ONLY	0 - Do Not Provide
	13	8	9	NPG	0 - No Statement
0000	14	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide

SHIPBOARD PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
	14	14	1	RELAY TRANSMIT	0 - Do Not Provide
	14	13	1	RELAY RECEIVE	0 - Do Not Provide
	14	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	14	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	14	10	1	TRANSMIT ONLY	0 - Do Not Provide
	14	9	1	RELAY ONLY	0 - Do Not Provide
	14	8	9	NPG	0 - No Statement
0000	15	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	15	14	1	RELAY TRANSMIT	0 - Do Not Provide
	15	13	1	RELAY RECEIVE	0 - Do Not Provide
	15	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	15	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	15	10	1	TRANSMIT ONLY	0 - Do Not Provide
	15	9	1	RELAY ONLY	0 - Do Not Provide
	15	8	9	NPG	0 - No Statement
0000	16	15	13	NOT USED	
	16	2	1	LONG TERM TRANSMIT INHIBIT CONTROL	0 - DISABLE
	16	1	1	RELAY INHIBIT CONTROL	0 - DISABLE
	16	0	1	LOOPBACK STATUS CONTROL	0 - PROV 10 MSGS
0055	17	15	1	OFFSET VALIDITY	0 - INVALID
	17	14	7	SPARE	
	17	7	4	TIME OF UPDATE OFFSET	5 - 50 msec
	17	3	4	TIME OF COMP OFFSET	5 - 50 msec
0000	18	15	14	SPARE	
	18	1	2	INERTIAL NAVIGATION SYSTEM TYPE	0 - ASN-130A/139
0007	19	15	7	NOT USED	
	19	8	9	NPG BUFFER 1	7 - NPG 7
0008	20	15	7	NOT USED	
	20	8	9	NPG BUFFER 2	8 - NPG 8
0000	21-32	15	16	SPARE	

**** BLOCK 59

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	3	15	16	Xb ANTENNA A	0 - 0.000 feet
0000	4	15	16	Yb ANTENNA A	0 - 0.000 feet
0000	5	15	16	Zb ANTENNA A	0 - 0.000 feet
0000	6	15	16	Xb ANTENNA B	0 - 0.000 feet
0000	7	15	16	Yb ANTENNA B	0 - 0.000 feet
0000	8	15	16	Zb ANTENNA B	0 - 0.000 feet
0000	9	15	16	Xb INS FORE OR #1	0 - 0.000 feet
0000	10	15	16	Yb INS FORE OR #1	0 - 0.000 feet
0000	11	15	16	Zb INS FORE OR #1	0 - 0.000 feet
0000	12	15	16	Xb INS AFT OR #2	0 - 0.000 feet
0000	13	15	16	Yb INS AFT OR #2	0 - 0.000 feet
0000	14	15	16	Zb INS AFT OR #2	0 - 0.000 feet
0000	15	15	16	Xb EM LOG	0 - 0.000 feet
0000	16	15	16	Yb EM LOG	0 - 0.000 feet
0000	17	15	16	Zb EM LOG	0 - 0.000 feet
0000	18	15	16	b-FRAME HEIGHT	0 - 0.000 frame
0000	19-32	15	16	SPARE	

**** BLOCK 63

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0020	3	15	1	LOOPBACK SELECT	0 - Normal_RF

SHIPBOARD PLATFORMS

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
	3	14	9	NOT USED	
	3	5	2	XMIT ANTENNA	2 - Antenna/B
	3	3	1	START NET ENTRY COMMAND	0 - DoNotStart
	3	2	1	THERMAL OVERRIDE COMMAND	0 - No_Override
	3	1	1	BUILT-IN-TEST (BIT) COMMAND	0 - Normal
7f7f	4	15	1	NOT USED	
	4	14	7	VOICE CHANNEL B NET NUMBER	127 - Deactivated
	4	7	1	NOT USED	
	4	6	7	VOICE CHANNEL A NET NUMBER	127 - Deactivated
007f	5	15	9	NOT USED	
	5	6	7	CONTROL CHANNEL NET NUMBER	127 - Deactivated
0000	6	15	13	NOT USED	
	6	2	1	IPF RESET	0 - DontPerform
	6	1	1	NAVIGATION RESET	0 - DontPerform
	6	0	1	NET ENTRY RESET	0 - Dont_Reinit
0000	7	15	1	VALIDITY (TIME OF DAY)	0 - Not_Valid
	7	14	4	NOT USED	
	7	10	5	TIME OF DAY HOURS	0 - 0 Hours
	7	5	6	TIME OF DAY MINUTES	0 - 0 Minutes
0000	8	15	3	NOT USED	
	8	12	6	TIME OF DAY SECONDS	0 - 0 Seconds
	8	5	6	TIME OF DAY SLOTS	0 - 0 Slots
801e	9	15	1	VALIDITY (TIME OF DAY ERROR)	1 - Valid
	9	14	3	NOT USED	
	9	11	6	TIME OF DAY ERROR MINUTES	0 - 0 Minutes
	9	5	6	TIME OF DAY ERROR SECONDS	30 - 30 Seconds
0000	10-13	15	16	SPARE	
0000	14	15	16	IFF CODES AS DEFINED IN JTIPD	0 - NoStatement
0000	15	15	16	IFF CODES AS DEFINED IN JTIPD	0 - NoStatement
0000	16	15	16	IFF CODES AS DEFINED IN JTIPD	0 - NoStatement
0000	17-32	15	16	NOT USED	

E-2C PLATFORMS

```
  HEX     START
VALUE WORD BIT LENGTH    PARAMETER                          VALUE


****                           BLOCK 1
 HEX       START
VALUE WORD BIT LENGTH PARAMETER                            VALUE
-----------------------------------------------------------------
1049   3   15    1   RECEIVE MODE-FIXED VALUE NAVY       0 -  Normal_Rcv
       3   14    2   TEST MODE                           0 - No_Test_Msg
       3   12    3   TDMA XMIT MODE                      4 -  DataSilent
       3    9    2   RECEIVE ANTENNA CONFIGURATION       0 - DualAntenna
       3    7    1   HPA PRESENT                         0 - Not_Present
       3    6    2   EXCITER OUTPUT CONTROL              2 -         OFF
       3    4    2   IPF OVERRIDE                        1 -    Exercise
       3    2    1   TDMA RANGE                          0 -      Normal
       3    1    2   COMMUNICATIONS MODE                 1 -      Mode_1
0000   4   15    1   NOT USED
       4   14   15   PRIMARY TRACK NUMBER                0 - NoStatement
0122   5   15    3   RF LOOPBACK CONTROL-FIXED VAL AIR   0 -   Mode_Dual
       5   12    3   HPA OUTPUT LEVEL                    0 -         OFF
       5    9    1   INPUT PRIORITY    0 -  LAST_INPUT
       5    8    2   R/T RECEIVER CONFIGURATION          2 -     8_Rcvrs
       5    6    1   RECORDER FUNCTION ON                0 -         OFF
       5    5    1   PPLI POOL                           1 -      Pool_B
       5    4    1   NET TIME REFERENCE                  0 -      nonNTR
       5    3    1   POSITION REFERENCE                  0 -      Not_PR
       5    2    3   ORGANIZATIONAL USER TYPE            2 -     Primary
0000   6   15    5   NOT USED
       6   10    1   OTAR MODE                           0 - No_OTARMode
       6    9    3   NOT USED
       6    6    1   CURRENT CRYPTOPERIOD DESIGNATOR     0 - Period=Zero
       6    5    3   SEQUENCE NUMBER                     0 - 24Hr_Period
       6    2    1   NET ENTRY TRANSMIT ENABLE           0 -    Disabled
       6    1    1   EXTERNAL TIME REFERENCE             0 -    Don'tUse
       6    0    1   TAPE RECORDER PORT SELECTION        0 -         MUX
000a   7   15    6   NOT USED
       7    9    1   LOOPBACK PATH                       0 -  NoLoopBack
       7    8    2   PLATFORM TRANSMIT TYPE              0 - R/T_EmerXmt
       7    6    4   STRENGTH                            1 -      1_Unit
       7    2    3   PLATFORM TYPE                       2 -          2?
0000   8   15   16   STATION LATITUDE (COARSE)           0 - NoStatement
0000   9   15    8   STATION LATITUDE (FINE)             0 - NoStatement
       9    7    8   NOT USED
0000  10   15   16   STATION LONGITUDE (COARSE)          0 - NoStatement
0000  11   15    8   STATION LONGITUDE (FINE)            0 - NoStatement
      11    7    8   NOT USED
0000  12   15   16   HOST PLATFORM ANTENNA HEIGHT        0 - NoStatement
01e6  13   15    1   STATION POSITION VALIDITY           0 -     Invalid
      13   14    5   NOT USED
      13    9    5   HEIGHT UNCERTAINTY                 15 - <=103.8Feet
      13    4    5   POSITION UNCERTAINTY                6 -    <=6190.8
8000  14   15   16   GRID ORIGIN LATITUDE (COARSE)       0 - NoStatement
0000  15   15    8   GRID ORIGIN LATITUDE (FINE)         0 - NoStatement
      15    7    8   NOT USED
8000  16   15   16   GRID ORIGIN LONGITUDE (COARSE)      0 - NoStatement
0000  17   15    8   GRID ORIGIN LONGITUDE (FINE)        0 - NoStatement
      17    7    8   NOT USED
0000  18   15   16   RESERVED FOR FUTURE GROWTH
0000  19   15    9   NOT USED
      19    6    7   DEFAULT NET NUMBER                  0 -       Net 0
```

E-2C PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0101	20	15	1	NOT USED	
	20	14	7	DEFAULT TSEC VARIABLE	1 - CVLL 1
	20	7	1	NOT USED	
	20	6	7	DEFAULT MSEC VARIABLE	1 - CVLL 1
8101	21	15	1	CRYPTO PERIOD DESIGNATOR	1 - Period 1
	21	14	7	VARIABLE CODE FOR LOCATION 1	1 - CVLL 1
	21	7	1	CRYPTO PERIOD DESIGNATOR	0 - Period 0
	21	6	7	VARIABLE CODE FOR LOCATION 0	1 - CVLL 1
8000	22	15	1	CRYPTO PERIOD DESIGNATOR	1 - Period 1
	22	14	7	VARIABLE CODE FOR LOCATION 3	0 - NoStatement
	22	7	1	CRYPTO PERIOD DESIGNATOR	0 - Period 0
	22	6	7	VARIABLE CODE FOR LOCATION 2	0 - NoStatement
8000	23	15	1	CRYPTO PERIOD DESIGNATOR	1 - Period 1
	23	14	7	VARIABLE CODE FOR LOCATION 5	0 - NoStatement
	23	7	1	CRYPTO PERIOD DESIGNATOR	0 - Period 0
	23	6	7	VARIABLE CODE FOR LOCATION 4	0 - NoStatement
8000	24	15	1	CRYPTO PERIOD DESIGNATOR	1 - Period 1
	24	14	7	VARIABLE CODE FOR LOCATION 7	0 - NoStatement
	24	7	1	CRYPTO PERIOD DESIGNATOR	0 - Period 0
	24	6	7	VARIABLE CODE FOR LOCATION 6	0 - NoStatement
0009	25	15	8	NOT USED	
	25	7	8	TRANSMIT ANTENNA C CABLE DELAY	0 - 0.0 nsecs
0000	26	15	4	NOT USED	
	26	11	1	PORT 2 CODED VOICE-FIXED VALUE NAVY	0 - Uncode
	26	10	2	VOICE PORT 2 RATE-FIXED VALUE NAVY	0 - 16Kbps
	26	8	5	NOT USED	
	26	3	1	PORT 1 CODED VOICE-FIXED VALUE NAVY	0 - Uncode
	26	2	2	VOICE PORT 1 RATE-FIXED VALUE NAVY	0 - 16Kbps
	26	0	1	VOICE CHANNELIZATION	0 - A=1/B=2
0001	27	15	8	NOT USED	
	27	7	8	ETR CABLE DELAY	1 - 12.5 nsecs
0003	28	15	8	RT TO DDP CABLE DELAY	0 - 0.0 nsecs
	28	7	8	ANTENNA A CABLE DELAY	3 - 37.5 nsecs
0009	29	15	8	NOT USED BY NAVY	
	29	7	8	ANTENNA B CABLE DELAY	9 - 112.5 nsecs
0000	30	15	16	NOT USED BY NAVY	
0000	31	15	16	NOT USED BY NAVY	
0909	32	15	8	LOOPBACK VALUE BEYOND R/T ANT B	9 - 112.5 nsecs
	32	7	8	LOOPBACK VALUE BEYOND R/T ANT A	9 - 112.5 nsecs

**** BLOCK 2

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	3	15	1	SECONDARY OR FLT MEMBER TN 1	0 - Secondary
	3	14	15	SECONDARY TRACK NUMBER 1	NoStatement
0000	4	15	1	SECONDARY OR FLT MEMBER TN 2	0 - Secondary
	4	14	15	SECONDARY TRACK NUMBER 2	NoStatement
0000	5	15	1	SECONDARY OR FLT MEMBER TN 3	0 - Secondary
	5	14	15	SECONDARY TRACK NUMBER 3	NoStatement
0000	6	15	1	SECONDARY OR FLT MEMBER TN 4	0 - Secondary
	6	14	15	SECONDARY TRACK NUMBER 4	NoStatement
0000	7	15	1	SECONDARY OR FLT MEMBER TN 5	0 - Secondary
	7	14	15	SECONDARY TRACK NUMBER 5	NoStatement
0000	8	15	1	SECONDARY OR FLT MEMBER TN 6	0 - Secondary
	8	14	15	SECONDARY TRACK NUMBER 6	NoStatement
0000	9	15	1	SECONDARY OR FLT MEMBER TN 7	0 - Secondary
	9	14	15	SECONDARY TRACK NUMBER 7	NoStatement
0000	10	15	1	SECONDARY OR FLT MEMBER TN 8	0 - Secondary

E-2C PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
	10	14	15	SECONDARY TRACK NUMBER 8	NoStatement
0000	11	15	1	SECONDARY OR FLT MEMBER TN 9	0 - Secondary
	11	14	15	SECONDARY TRACK NUMBER 9	NoStatement
0000	12	15	1	SECONDARY OR FLT MEMBER TN 10	0 - Secondary
	12	14	15	SECONDARY TRACK NUMBER 10	NoStatement
0000	13	15	1	SECONDARY OR FLT MEMBER TN 11	0 - Secondary
	13	14	15	SECONDARY TRACK NUMBER 11	NoStatement
0000	14	15	1	SECONDARY OR FLT MEMBER TN 12	0 - Secondary
	14	14	15	SECONDARY TRACK NUMBER 12	NoStatement
0000	15	15	1	SECONDARY OR FLT MEMBER TN 13	0 - Secondary
	15	14	15	SECONDARY TRACK NUMBER 13	NoStatement
0000	16	15	1	SECONDARY OR FLT MEMBER TN 14	0 - Secondary
	16	14	15	SECONDARY TRACK NUMBER 14	NoStatement
0000	17	15	1	SECONDARY OR FLT MEMBER TN 15	0 - Secondary
	17	14	15	SECONDARY TRACK NUMBER 15	NoStatement
0000	18	15	1	SECONDARY OR FLT MEMBER TN 16	0 - Secondary
	18	14	15	SECONDARY TRACK NUMBER 16	NoStatement
0003	19	15	10	NOT USED	
	19	5	2	REPROMULGATION CONTROL	0 - Inactive
	19	3	4	REPROMULGATION HOP COUNT	3 - 3 Hops
0050	20	15	1	NOT USED BY NAVY	0 - Off
	20	14	1	NOT USED BY NAVY	0 - Off
	20	13	1	NOT USED BY NAVY	0 - Off
	20	12	1	NOT USED BY NAVY	0 - Off
	20	11	1	NOT USED BY NAVY	0 - Off
	20	10	1	NOT USED BY NAVY	0 - Off
	20	9	1	NOT USED BY NAVY	0 - Off
	20	8	1	BAILOUT INDICATOR	0 - Off
	20	7	1	FLIGHT LEADER INDICATOR	0 - Off
	20	6	1	AIRBORNE INDICATOR	1 - Enable
	20	5	1	SIMULATION INDICATOR	0 - Off
	20	4	1	COMMAND & CONTROL INDICATOR	1 - Enable
	20	3	1	EMERGENCY INDICATOR	0 - Off
	20	2	1	FORCE TELL INDICATOR	0 - Off
	20	1	1	NOT USED BY NAVY	0 - Off
	20	0	1	EXERCISE INDICATOR	0 - Off
0910	21	15	3	SPARE	
	21	12	7	PLATFORM ACTIVITY (MARINE)	18
	21	5	6	PLATFORM ID (MARINE)	16
0000	22	15	8	MISSION CORRELATOR 1	NoStatement
	22	7	8	MISSION CORRELATOR 0	NoStatement
0000	23	15	8	MISSION CORRELATOR 3	NoStatement
	23	7	8	MISSION CORRELATOR 2	NoStatement
0000	24	15	8	MISSION CORRELATOR 5	NoStatement
	24	7	8	MISSION CORRELATOR 4	NoStatement
0000	25	15	8	MISSION CORRELATOR 7	NoStatement
	25	7	8	MISSION CORRELATOR 6	NoStatement
ffff	26	15	1	KF STATE VECTOR & COVARIANCE	1 - Off
	26	14	1	SYNCHRONIZATION FILTER DATA	1 - Off
	26	13	1	NOT USED	1 - Off
	26	12	1	NOT USED	1 - Off
	26	11	1	SICP STATUS	1 - Off
	26	10	1	NICP 12-SEC STATUS REPORT DTB	1 - Off
	26	9	1	MESSAGE STATUS	1 - Off
	26	8	1	REAL TIME SLOT SEQUENCE	1 - Off
	26	7	1	NPG MAPPING STATUS	1 - Off
	26	6	1	NICP INITIAL DATA STATUS RSP	1 - Off
	26	5	1	BI-DIRECT INITIALIZATION DATA	1 - Off

E-2C PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE	
	26	4	1	NAVIGATION DATA FROM NICP	1 -	Off
	26	3	1	START-UP NAVIGATION DATA	1 -	Off
	26	2	1	NAVIGATION DATA FROM SICP	1 -	Off
	26	1	1	RECEIVED MSG/LOOPBACK TRANSMISSION	1 -	Off
	26	0	1	MESSAGE TO TRANSMIT	1 -	Off
ffff	27	15	1	NOT USED BY NAVY	1 -	Off
	27	14	1	NOT USED BY NAVY	1 -	Off
	27	13	1	NOT USED BY NAVY	1 -	Off
	27	12	1	NOT USED BY NAVY	1 -	Off
	27	11	1	RTSS DATA AS MODIFIED BY TSR SELECT	1 -	Off
	27	10	1	CONTROL DISCRETE DATA	1 -	Off
	27	9	1	TACAN DATA	1 -	Off
	27	8	1	NOT USED BY NAVY	1 -	Off
	27	7	1	NOT USED BY NAVY	1 -	Off
	27	6	1	SICP MEMORY BLOCKS	1 -	Off
	27	5	1	NOT USED BY NAVY	1 -	Off
	27	4	1	MUX DATA	1 -	Off
	27	3	1	PANEL (SACP/SICP & SICP/SACP) DATA	1 -	Off
	27	2	1	TERMINAL STATUS	1 -	Off
	27	1	1	SPARE	1 -	Off
	27	0	1	KF FILTER OBSERVATION DATA	1 -	Off
ffff	28	15	16	RESERVED FOR FUTURE GROWTH		Off
ffff	29	15	16	NOT USED BY NAVY		Off
0000	30	15	16	NOT USED		
003f	31	15	10	NOT USED		
	31	5	1	CONTROL	1 -	Don't_Use
	31	4	1	PPLI B	1 -	Don't_Use
	31	3	1	PPLI A	1 -	Don't_Use
	31	2	1	RTT	1 -	Don't_Use
	31	1	1	VOICE B	1 -	Don't_Use
	31	0	1	VOICE A	1 -	Don't_Use
0903	32	15	8	RECEIVE ANTENNA B CABLE DELAY		37.5 nsecs
	32	7	8	RECEIVE ANTENNA A CABLE DELAY		112.5 nsecs

**** BLOCK 16

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
ffff	3	15	16	HOST MESSAGE FILTER WORD	Do not provide
ff92	4	15	16	HOST MESSAGE FILTER WORD	Provide: J2.0 J2.2 J2.3 J2.5 J2.6
ffff	5	15	16	HOST MESSAGE FILTER WORD	Do not provide
40fe	6	15	16	HOST MESSAGE FILTER WORD	Provide: J6.0 J7.0 J7.1 J7.2 J7.3 J7.4 J7.5 J7.7
feff	7	15	16	HOST MESSAGE FILTER WORD	Provide: J9.0
ff93	8	15	16	HOST MESSAGE FILTER WORD	Provide: J10.2 J10.3 J10.5 J10.6
fbaf	9	15	16	HOST MESSAGE FILTER WORD	Provide: J12.4 J12.6 J13.2
fffa	10	15	16	HOST MESSAGE FILTER WORD	Provide: J14.0 J14.2
ffff	11	15	16	HOST MESSAGE FILTER WORD	Do not provide
ffff	12	15	16	HOST MESSAGE FILTER WORD	Do not provide
ffff	13	15	16	HOST MESSAGE FILTER WORD	Do not provide
ffff	14	15	16	HOST MESSAGE FILTER WORD	Do not provide
ffff	15	15	16	HOST MESSAGE FILTER WORD	Do not provide
ffff	16	15	16	HOST MESSAGE FILTER WORD	Do not provide
ffff	17	15	16	HOST MESSAGE FILTER WORD	Do not provide
ffff	18	15	16	HOST MESSAGE FILTER WORD	Do not provide

E-2C PLATFORMS

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
0404	19	15	5	NOT USED	
	19	10	1	NON-VOICE FREE TEXT FILTER	1 - Do Not Provide
	19	9	7	NOT USED	
	19	2	1	ALL TRACK NUMBERS FILTER	1 - Do Not Provide
	19	1	1	SECONDARY TRACK NUBMER FILTER	0 - Provide
	19	0	1	PRIMARY TRACK NUMBER FILTER	0 - Provide
0000	20-32	15	16	NOT USED	

**** BLOCK 17

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
0000	3	15	1	NOT USED	
	3	14	7	NO OF CHANNELS IN VOICE GROUP A	0 - No Assign
	3	7	1	NOT USED	
	3	6	7	STARTING NET FOR VOICE GROUP A	0 - Net 0
0000	4	15	1	NOT USED	
	4	14	7	NO OF CHANNELS IN VOICE GROUP B	0 - No Assign
	4	7	1	NOT USED	
	4	6	7	STARTING NET FOR VOICE GROUP B	0 - Net 0
0000	5	15	1	NOT USED	
	5	14	7	NO OF CHANNELS IN CONTROL GROUP	0 - No Assign
	5	7	1	NOT USED	
	5	6	7	STARTING NET FOR CONTROL GROUP	0 - Net 0
0000	6-32	15	1	VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	6-32	14	7	VAR FOR NET N+1	0 - NICP Assign
	6-32	7	1	VAR FOR NET N VALIDITY CHANNEL	0 - Invalid
	6-32	6	7	VAR FOR NET N	0 - NICP Assign

**** BLOCK 18

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
0000	3	15	1	VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	14	7	VAR FOR NET N+1	0 - NICP Assign
	3	7	1	VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	6	7	VAR FOR NET N+1	0 - NICP Assign

**** BLOCK 19

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
0000	3	15	1	VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	14	7	VAR FOR NET N+1	0 - NICP Assign
	3	7	1	VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	6	7	VAR FOR NET N+1	0 - NICP Assign

**** BLOCK 20

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
0000	3	15	1	VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	14	7	VAR FOR NET N+1	0 - NICP Assign
	3	7	1	VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	6	7	VAR FOR NET N+1	0 - NICP Assign
0400	12	15	16	INITIAL ENTRY WORD 1	1024-SEE MS6016 Series
007f	13	15	16	INITIAL ENTRY WORD 2	127-SEE MS6016 Series

E-2C PLATFORMS

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
0000	14	15	16	INITIAL ENTRY WORD 3	0 - SEE MS6016 Series
0000	15	15	16	INITIAL ENTRY WORD 4	0 - SEE MS6016 Series
0000	16	15	16	INITIAL ENTRY WORD 5	0 - SEE MS6016 Series
0000	17	15	16	INITIAL ENTRY WORD 6	0 - SEE MS6016 Series
0000	18	15	16	INITIAL ENTRY WORD 7	0 - SEE MS6016 Series
0000	19	15	16	INITIAL ENTRY WORD 8	0 - SEE MS6016 Series
0000	20	15	16	INITIAL ENTRY WORD 9	0 - SEE MS6016 Series
0000	21	15	16	INITIAL ENTRY WORD 10	0 - SEE MS6016 Series
ffff	22	15	16	MUX DATA FILTER INPUT WORD 1	DO NOT PROVIDE
ffff	23	15	16	MUX DATA FILTER INPUT WORD 2	DO NOT PROVIDE
ffff	24	15	16	MUX DATA FILTER OUTPUT WORD 1	DO NOT PROVIDE
ffff	25	15	16	MUX DATA FILTER OUTPUT WORD 2	DO NOT PROVIDE
0000	26	15	16	NOT USED BY NAVY	
0000	27	15	16	NOT USED BY NAVY	
0000	28	15	16	NOT USED BY NAVY	
0000	29	15	16	NOT USED BY NAVY	
0000	30	15	4	REC BLK NO 1 STARTING ADD MSBs	0 - (No Statement)
	30	11	5	NOT USED	
	30	6	7	WORD COUNT BLOCK NO 1	0 - (No Statement)
0000	31	15	16	REC BLK NO 1 STARTING ADD LSBs	0 - (No Statement)
0000	32	15	16	RATE BLOCK NUMBER 1	0 - DO NOT OUTPUT

**** BLOCK 21

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
0000	3-30	15	4	REC BLK NO 2-11 STARTING ADD MSBs	0 - (No Statement)
	3-30	11	5	NOT USED	
	3-30	6	7	WORD COUNT BLOCK NO 2-11	0 - (No Statement)
0000	4-31	15	16	REC BLK NO 2-11 STARTING ADD LSBs	0 - (No Statement)
0000	5-32	15	16	RATE BLOCK NUMBER 2-11	0 - DO NOT OUTPUT

**** BLOCK 22

HEX VALUE	START WORD	BIT	LENGTH	PARAMETER	VALUE
0000	3-15	15	4	REC BLK NO 12-16 STARTING ADD MSBs	0 - (No Statement)
	3-15	11	5	NOT USED	
	3-15	6	7	WORD COUNT BLOCK NO 12-16	0 - (No Statement)
0000	4-16	15	16	REC BLK NO 12-16 STARTING ADD LSBs	0 - (No Statement)
0000	5-17	15	16	RATE BLOCK NUMBER 12-16	0 - DO NOT OUTPUT
ffff	18	15	16	TSRD MESSAGE FILTER WORD	Do not provide
ffff	19	15	16	TSRD MESSAGE FILTER WORD	Do not provide
ffff	20	15	16	TSRD MESSAGE FILTER WORD	Do not provide
ffff	21	15	16	TSRD MESSAGE FILTER WORD	Do not provide
ffff	22	15	16	TSRD MESSAGE FILTER WORD	Do not provide
ffff	23	15	16	TSRD MESSAGE FILTER WORD	Do not provide
ffff	24	15	16	TSRD MESSAGE FILTER WORD	Do not provide
ffff	25	15	16	TSRD MESSAGE FILTER WORD	Do not provide
ffff	26	15	16	TSRD MESSAGE FILTER WORD	Do not provide
ffff	27	15	16	TSRD MESSAGE FILTER WORD	Do not provide
ffff	28	15	16	TSRD MESSAGE FILTER WORD	Do not provide
ffff	29	15	16	TSRD MESSAGE FILTER WORD	Do not provide
ffff	30	15	16	TSRD MESSAGE FILTER WORD	Do not provide
ffff	31	15	16	TSRD MESSAGE FILTER WORD	Do not provide
ffff	32	15	16	TSRD MESSAGE FILTER WORD	Do not provide

**** BLOCK 23

HEX START

E-2C PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
ffff	3	15	16	TSRD MESSAGE FILTER WORD	Do not provide
ffff	4	15	4	NOT USED	
	4	11	1	RECEIVED MESSAGE HEADERS	1 - DO NOT PROVIDE
	4	10	1	RCV NOV-VOIC FREE TXT MSG	1 - DO NOT PROVIDE
	4	9	1	RECEIVED VOICE B MESSAGES	1 - DO NOT PROVIDE
	4	8	1	RECEIVED VOICE A MESSAGES	1 - DO NOT PROVIDE
	4	7	1	SPARE(NOT USED BY NAVY)	
	4	6	1	ALL LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	5	1	RTT LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	4	1	TEST LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	3	1	PPLI LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	2	1	ALL TRACK NUMBERS FILTERS	1 - DO NOT PROVIDE
	4	1	1	SECONDARY TRACK NO FILTER	1 - DO NOT PROVIDE
	4	0	1	PRIMARY TRACK NO FILTER	1 - DO NOT PROVIDE
0206	5	15	5	NOT USED	
	5	10	2	PACKING LIMIT. WORD 1	1 - P2DP
	5	8	9	NET PART GROUP WORD 1	6 PPLI and Status B
0207	6	15	5	NOT USED	
	6	10	2	PACKING LIMIT. WORD 2	1 - P2DP
	6	8	9	NET PART GROUP WORD 2	7 Surveillance
0208	7	15	5	NOT USED	
	7	10	2	PACKING LIMIT. WORD 3	1 - P2DP
	7	8	9	NET PART GROUP WORD 3	8 Mission Mgmt/ Wpns Coord
020a	8	15	5	NOT USED	
	8	10	2	PACKING LIMIT. WORD 4	1 - P2DP
	8	8	9	NET PART GROUP WORD 4	10 Electronic Warfare
060c	9	15	5	NOT USED	
	9	10	2	PACKING LIMIT. WORD 5	3 - P4SP
	9	8	9	NET PART GROUP WORD 5	12 Voice Group A
0000	10-32	15	5	NOT USED	
	10-32	10	2	PACKING LIMIT. WORD 6-28	0 - STD
	10-32	8	9	NET PART GROUP WORD 6-28	0 - STD

**** BLOCK 24

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	3- 6	15	5	NOT USED	
	3- 6	10	2	PACKING LIMIT. WORD 29-32	0 - STD
	3- 6	8	9	NET PART GROUP WORD 29-32	0 - STD
0000	7-32	15	16	NOT USED	

**** BLOCK 44

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
				TSR POOL 0 (Words 3-5)	
0000	3	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	3	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	3	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	3	10	1	RESERVED FOR FUTURE USE	
	3	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	3	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	3	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	4	15	1	CENTRALIZED MODE	0 - Disable

E-2C PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
	4	14	1	DISSEMINATION MODE	0 - STN_Mode
	4	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	4	12	1	RESERVED FOR FUTURE USE	
	4	11	6	TABLE POSITION	0 - nth index
	4	5	3	HOP COUNT THRESHOLD	0 - hops
	4	2	3	DELETION THRESHOLD	0 - realloc prd
0000	5	15	11	NUMBER OF MESSAGES	0 - messages
	5	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
				TSR POOL 1 (Words 6-8)	
0000	6	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	6	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	6	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	6	10	1	RESERVED FOR FUTURE USE	
	6	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	6	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	6	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	7	15	1	CENTRALIZED MODE	0 - Disable
	7	14	1	DISSEMINATION MODE	0 - STN_Mode
	7	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	7	12	1	RESERVED FOR FUTURE USE	
	7	11	6	TABLE POSITION	0 - nth index
	7	5	3	HOP COUNT THRESHOLD	0 - hops
	7	2	3	DELETION THRESHOLD	0 - realloc prd
0000	8	15	11	NUMBER OF MESSAGES	0 - messages
	8	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
				TSR POOL 2 (Words 9-11)	
0000	9	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	9	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	9	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	9	10	1	RESERVED FOR FUTURE USE	
	9	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	9	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	9	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	10	15	1	CENTRALIZED MODE	0 - Disable
	10	14	1	DISSEMINATION MODE	0 - STN_Mode
	10	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	10	12	1	RESERVED FOR FUTURE USE	
	10	11	6	TABLE POSITION	0 - nth index
	10	5	3	HOP COUNT THRESHOLD	0 - hops
	10	2	3	DELETION THRESHOLD	0 - realloc prd
0000	11	15	11	NUMBER OF MESSAGES	0 - messages
	11	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
				TSR POOL 3 (Words 12-14)	
0000	12	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	12	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	12	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	12	10	1	RESERVED FOR FUTURE USE	
	12	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	12	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	12	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	13	15	1	CENTRALIZED MODE	0 - Disable
	13	14	1	DISSEMINATION MODE	0 - STN_Mode
	13	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	13	12	1	RESERVED FOR FUTURE USE	
	13	11	6	TABLE POSITION	0 - nth index
	13	5	3	HOP COUNT THRESHOLD	0 - hops
	13	2	3	DELETION THRESHOLD	0 - realloc prd
0000	14	15	11	NUMBER OF MESSAGES	0 - messages
	14	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg

E-2C PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
				TSR POOL 4 (Words 15-17)	
0000	15	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	15	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	15	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	15	10	1	RESERVED FOR FUTURE USE	
	15	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	15	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	15	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	16	15	1	CENTRALIZED MODE	0 - Disable
	16	14	1	DISSEMINATION MODE	0 - STN_Mode
	16	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	16	12	1	RESERVED FOR FUTURE USE	
	16	11	6	TABLE POSITION	0 - nth index
	16	5	3	HOP COUNT THRESHOLD	0 - hops
	16	2	3	DELETION THRESHOLD	0 - realloc prd
0000	17	15	11	NUMBER OF MESSAGES	0 - messages
	17	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
				TSR POOL 5 (Words 18-20)	
0000	18	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	18	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	18	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	18	10	1	RESERVED FOR FUTURE USE	
	18	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	18	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	18	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	19	15	1	CENTRALIZED MODE	0 - Disable
	19	14	1	DISSEMINATION MODE	0 - STN_Mode
	19	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	19	12	1	RESERVED FOR FUTURE USE	
	19	11	6	TABLE POSITION	0 - nth index
	19	5	3	HOP COUNT THRESHOLD	0 - hops
	19	2	3	DELETION THRESHOLD	0 - realloc prd
0000	20	15	11	NUMBER OF MESSAGES	0 - messages
	20	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
				TSR POOL 6 (Words 21-23)	
0000	21	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	21	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	21	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	21	10	1	RESERVED FOR FUTURE USE	
	21	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	21	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	21	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	22	15	1	CENTRALIZED MODE	0 - Disable
	22	14	1	DISSEMINATION MODE	0 - STN_Mode
	22	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	22	12	1	RESERVED FOR FUTURE USE	
	22	11	6	TABLE POSITION	0 - nth index
	22	5	3	HOP COUNT THRESHOLD	0 - hops
	22	2	3	DELETION THRESHOLD	0 - realloc prd
0000	23	15	11	NUMBER OF MESSAGES	0 - messages
	23	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
				TSR POOL 7 (Words 24-26)	
0000	24	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	24	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	24	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	24	10	1	RESERVED FOR FUTURE USE	
	24	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	24	8	5	REALLOCATION PERIOD OFFSET	0 - seconds

E-2C PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
	24	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	25	15	1	CENTRALIZED MODE	0 - Disable
	25	14	1	DISSEMINATION MODE	0 - STN_Mode
	25	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	25	12	1	RESERVED FOR FUTURE USE	
	25	11	6	TABLE POSITION	0 - nth index
	25	5	3	HOP COUNT THRESHOLD	0 - hops
	25	2	3	DELETION THRESHOLD	0 - realloc prd
0000	26	15	11	NUMBER OF MESSAGES	0 - messages
	26	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
----	27-32	15	16	SPARE	

**** BLOCK 56

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0004	3	15	11	NOT USED	
	3	4	5	MESSAGE RATE	4 - 4 Sub/Adr
000a	4	15	7	NOT USED	
	4	8	9	NPG BUFFER 3	10 - NPG 10
0000	5	15	7	NOT USED	
	5	8	9	NPG A	0 - No Statement
0000	6	15	7	NOT USED	
	6	8	9	NPG B	0 - No Statement
aa37	7	15	16	HOST NPG FILTER WORDS	Prov NPG: 3, 6, 7, 8, 10, 12, 14,
ffff	8	15	16	HOST NPG FILTER WORDS	Prov NPG:
0000	9	15	9	NOT USED	
	9	6	1	COMPOSITE BLANKING LOGIC LEVEL	0 - TRUE
	9	5	1	COMPOSITE BLANKING ENABLE	0 - DISABLE CB
	9	4	1	ADVANCED SLOT NOTIFICATION ENABLE	0 - DISABLE ASN
	9	3	3	ADVANCE VALUE	0 - Adv = 0
	9	0	1	ADV SLOT NOTIFICATION MODE SELECT	0 - MODE A
0000	10	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	10	14	1	RELAY TRANSMIT	0 - Do Not Provide
	10	13	1	RELAY RECEIVE	0 - Do Not Provide
	10	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	10	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	10	10	1	TRANSMIT ONLY	0 - Do Not Provide
	10	9	1	RELAY ONLY	0 - Do Not Provide
	10	8	9	NPG	0 - No Statement
0000	11	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	11	14	1	RELAY TRANSMIT	0 - Do Not Provide
	11	13	1	RELAY RECEIVE	0 - Do Not Provide
	11	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	11	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	11	10	1	TRANSMIT ONLY	0 - Do Not Provide
	11	9	1	RELAY ONLY	0 - Do Not Provide
	11	8	9	NPG	0 - No Statement
0000	12	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	12	14	1	RELAY TRANSMIT	0 - Do Not Provide
	12	13	1	RELAY RECEIVE	0 - Do Not Provide
	12	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	12	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	12	10	1	TRANSMIT ONLY	0 - Do Not Provide
	12	9	1	RELAY ONLY	0 - Do Not Provide
	12	8	9	NPG	0 - No Statement
0000	13	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	13	14	1	RELAY TRANSMIT	0 - Do Not Provide

E-2C PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
	13	13	1	RELAY RECEIVE	0 - Do Not Provide
	13	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	13	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	13	10	1	TRANSMIT ONLY	0 - Do Not Provide
	13	9	1	RELAY ONLY	0 - Do Not Provide
	13	8	9	NPG	0 - No Statement
0000	14	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	14	14	1	RELAY TRANSMIT	0 - Do Not Provide
	14	13	1	RELAY RECEIVE	0 - Do Not Provide
	14	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	14	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	14	10	1	TRANSMIT ONLY	0 - Do Not Provide
	14	9	1	RELAY ONLY	0 - Do Not Provide
	14	8	9	NPG	0 - No Statement
0000	15	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	15	14	1	RELAY TRANSMIT	0 - Do Not Provide
	15	13	1	RELAY RECEIVE	0 - Do Not Provide
	15	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	15	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	15	10	1	TRANSMIT ONLY	0 - Do Not Provide
	15	9	1	RELAY ONLY	0 - Do Not Provide
	15	8	9	NPG	0 - No Statement
0001	16	15	13	NOT USED	
	16	2	1	LONG TERM TRANSMIT INHIBIT CONTROL	0 - DISABLE
	16	1	1	RELAY INHIBIT CONTROL	0 - DISABLE
	16	0	1	LOOPBACK STATUS CONTROL	1 - PROV 3 MSGS
80a5	17	15	1	OFFSET VALIDITY	1 - VALID
	17	14	7	SPARE	
	17	7	4	TIME OF UPDATE OFFSET	10 - 100 msec
	17	3	4	TIME OF COMP OFFSET	5 - 50 msec
0001	18	15	14	SPARE	
	18	1	2	INERTIAL NAVIGATION SYSTEM TYPE	1 - ASN-92
0007	19	15	7	NOT USED	
	19	8	9	NPG BUFFER 1	7 - NPG 7
0009	20	15	7	NOT USED	
	20	8	9	NPG BUFFER 2	9 - NPG 9
0000	21-32	15	16	SPARE	

**** BLOCK 57

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	3	15	9	NOT USED	
	3	6	7	DEFAULT NET	0 - Net 0
007f	4	15	9	NOT USED	
	4	6	7	NET FOR NPG 1	127 - NoStatement
007f	5	15	9	NOT USED	
	5	6	7	NET FOR NPG 2	127 - NoStatement
0000	6	15	9	NOT USED	
	6	6	7	NET FOR NPG 3	0 - Net 0
007f	7	15	9	NOT USED	
	7	6	7	NET FOR NPG 4	127 - NoStatement
007f	8	15	9	NOT USED	
	8	6	7	NET FOR NPG 5	127 - NoStatement
0000	9	15	9	NOT USED	
	9	6	7	NET FOR NPG 6	0 - Net 0
0000	10	15	9	NOT USED	
	10	6	7	NET FOR NPG 7	0 - Net 0

E-2C PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	11	15	9	NOT USED	
	11	6	7	NET FOR NPG 8	0 - Net 0
007f	12	15	9	NOT USED	
	12	6	7	NET FOR NPG 9	127 - NoStatement
0000	13	15	9	NOT USED	
	13	6	7	NET FOR NPG 10	0 - Net 0
007f	14	15	9	NOT USED	
	14	6	7	NET FOR NPG 11	127 - NoStatement
007f	15	15	9	NOT USED	
	15	6	7	NET FOR NPG 12	127 - NoStatement
007f	16	15	9	NOT USED	
	16	6	7	NET FOR NPG 13	127 - NoStatement
0000	17	15	9	NOT USED	
	17	6	7	NET FOR NPG 14	0 - Net 0
007f	18	15	9	NOT USED	
	18	6	7	NET FOR NPG 15	127 - NoStatement
007f	19	15	9	NOT USED	
	19	6	7	NET FOR NPG 16	127 - NoStatement
007f	20	15	9	NOT USED	
	20	6	7	NET FOR NPG 17	127 - NoStatement
007f	21	15	9	NOT USED	
	21	6	7	NET FOR NPG 18	127 - NoStatement
007f	22	15	9	NOT USED	
	22	6	7	NET FOR NPG 19	127 - NoStatement
007f	23	15	9	NOT USED	
	23	6	7	NET FOR NPG 20	127 - NoStatement
007f	24	15	9	NOT USED	
	24	6	7	NET FOR NPG 21	127 - NoStatement
007f	25	15	9	NOT USED	
	25	6	7	NET FOR NPG 22	127 - NoStatement
007f	26	15	9	NOT USED	
	26	6	7	NET FOR NPG 23	127 - NoStatement
007f	27	15	9	NOT USED	
	27	6	7	NET FOR NPG 24	127 - NoStatement
007f	28	15	9	NOT USED	
	28	6	7	NET FOR NPG 25	127 - NoStatement
007f	29	15	9	NOT USED	
	29	6	7	NET FOR NPG 26	127 - NoStatement
007f	30	15	9	NOT USED	
	30	6	7	NET FOR NPG 27	127 - NoStatement
007f	31	15	9	NOT USED	
	31	6	7	NET FOR NPG 28	127 - NoStatement
007f	32	15	9	NOT USED	
	32	6	7	NET FOR NPG 29	127 - NoStatement

**** BLOCK 58

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	3-20	15	16	FLYCATCHER CONTROL WORD	0 - NOT USED
0000	21	15	15	NOT USED	
	21	0	1	FLYCATCHER CONTROL WORD	0 - DISABLED
0000	22-32	15	16	NOT USED	

**** BLOCK 63

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0c20	3	15	1	LOOPBACK SELECT	0 - Normal_RF

E-2C PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
	3	14	3	NOT USED	
	3	11	1	TACAN STOP TRANSPOND	1 - Normal
	3	10	1	TACAN STOP INTERROGATIONS	1 - Normal
	3	9	4	NOT USED	
	3	5	2	XMIT ANTENNA	2 - Antenna/B
	3	3	1	START NET ENTRY COMMAND	0 - DoNotStart
	3	2	1	THERMAL OVERRIDE COMMAND	0 - No_Override
	3	1	2	BUILT-IN-TEST (BIT) COMMAND	0 - Normal
7f7f	4	15	1	NOT USED	
	4	14	7	VOICE CHANNEL B NET NUMBER	127 - Deactivated
	4	7	1	NOT USED	
	4	6	7	VOICE CHANNEL A NET NUMBER	127 - Deactivated
007f	5	15	9	NOT USED	
	5	6	7	CONTROL CHANNEL NET NUMBER	127 - Deactivated
0000	6	15	13	NOT USED	
	6	2	1	IPF RESET	0 - DontPerform
	6	1	1	NAVIGATION RESET	0 - DontPerform
	6	0	1	NET ENTRY RESET	0 - Dont_Reinit
0000	7	15	1	VALIDITY (TIME OF DAY)	0 - Not_Valid
	7	14	4	NOT USED	
	7	10	5	TIME OF DAY HOURS	0 - 0 Hours
	7	5	6	TIME OF DAY MINUTES	0 - 0 Minutes
0000	8	15	3	NOT USED	
	8	12	6	TIME OF DAY SECONDS	0 - 0 Seconds
	8	5	6	TIME OF DAY SLOTS	0 - 0 Slots
8028	9	15	1	VALIDITY (TIME OF DAY ERROR)	1 - Valid
	9	14	3	NOT USED	
	9	11	6	TIME OF DAY ERROR MINUTES	0 - 0 Minutes
	9	5	6	TIME OF DAY ERROR SECONDS	40 - 40 Seconds
c000	10	15	2	TACAN ANTENNA PORT SELECT	3 - Antenna_A
	10	13	1	NOT USED	
	10	12	1	POWER TEST	0 - Off
	10	11	1	MODE (A/A)	0 - Ground/Air
	10	10	1	TRANSMIT/RECEIVE-RECEIVE ONLY	0 - Rcv_Only
	10	9	1	X MODE/Y MODE	0 - Y_Mode
	10	8	1	POWER TEST	0 - Off
	10	7	8	TACAN CHANNEL NUMBER	0 - NoStatement
1000	11	15	3	SET TO LOGIC ZERO	0
	11	12	1	DME DELAY	1 - 74_microsec
	11	11	6	TACAN ANTENNA B CABLE DELAY	0 - NoStatement
	11	5	6	TACAN ANTENNA A CABLE DELAY	0 - NoStatement
73ff	12	15	16	OUTPUT PARAMETERS	73ff HEX
0000	13	15	16	SPARE	
0000	14	15	16	IFF CODES AS DEFINED IN JTIPD	0 - NoStatement
0000	15	15	16	IFF CODES AS DEFINED IN JTIPD	0 - NoStatement
0000	16	15	16	IFF CODES AS DEFINED IN JTIPD	0 - NoStatement
0000	17-19	15	16	NOT USED BY NAVY	
0000	20	15	15	NOT USED	
	20	0	1	RECEIVER/SYNTHESIZER CIRCUMVENTION	0 - DontMonitor
0000	21	15	1	TADIL C ADDRESS INDICATOR	0 - See MS6016 Series
	21	14	15	TADIL C ADDRESS	0 - See MS6016 Series
0000	22-32	15	16	SPARE	

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Appendix D

SUPPLEMENTAL INFORMATION

CONNECTIVITY MATRIX ABBREVIATIONS

CONTENTION ACCESS MODES

CONNECTIVITY MATRIX

TIMELINE

UNIT TSDF CALCULATIONS

NETWORK ALLOCATION TABLE

COMSEC CROSS REFERENCE TABLE

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Tables 3 and 4 provide a breakdown of commonly used abbreviations and contention access modes found in the connectivity matrix.

Table 3: Connectivity Matrix Abbreviations

Commonly Used Connectivity Matrix Abbreviations	
Abbreviation	**Use/Meaning**
127	Stacked Net
CY	Control Relay
D	Dedicated
DSR	Dedicated with Slot Reuse
MSEC	Message Security
MYC	Main Net Conditional Relay
NPG	Network Participation Group
NPG 2	Round Trip Timing (Dedicated)
NPG 3	Round Trip Timing (Contention)
NPG 5	PPLI-A (fighter high update rate)
NPG 6	PPLI-B
NPG 7	Surveillance
NPG 8	Mission Management
NPG 9	Air Control (uplink and backlink)
NPG 10	Electronic Warfare
NPG 12	Voice A
NPG 13	Voice B
NPG 14	Indirect PPLI (I-PPLI)
NPG 19	Fighter-to-Fighter (advisory and targeting)
NPG 20	NC2-NC2 Fighter-to-Fighter
NPG 21	Engagement Coordination (TBMD)
NPG 29	Residual Text Message
NPG 30 (NPG P)	IJMS Position & Status (P-Messages)
NPG 31 (NPG T)	IJMS T-Messages
NPG 401	Needlines
NPG V	IJMS 2.4 Kbps voice
O	Option Design Files
PTT	Push to Talk
P2DP	Pack Two Double Pulse
P2SP	Pack Two Single Pulse
P4	Pack Four Single Pulse
R	Receive
RTT	Round Trip Timing
RY	Receive for Relay
T	Transmit
TY	Relay NPG
TSEC	Transmission Security
Y	Relay Transmission
VY	Voice Relay

Table 4: Contention Access Modes

Contention Access Modes		
Value	**Access Rate**	**Average Period**
0	1 per 48 sec	48 sec
1	2 per 48 sec	24 sec
2	3 per 48 sec	16 sec
3	2 per 24 sec	12 sec
4	3 per 24 sec	8 sec
5	2 per 12 sec	6 sec
6	3 per 12 sec	4 sec
7	4 per 12 sec	3 sec
8	6 per 12 sec	2 sec
9	8 per 12 sec	1.5 sec
10	12 per 12 sec	1 sec
11	16 per 12 sec	0.75 sec
12	20 per 12 sec	0.6 sec
13	26 per 12 sec	0.46 sec
14	32 per 12 sec	0.38 sec
15	64 per 12 sec	0.19 sec

CONNECTIVITY MATRIX

Connectivity Matrix for Network: NET38											
Connectivity Matrix Status is VERIFIED											
Slot Group		1	2	3	4	5	6	7	8	9	10
NPG Number		3	6	TY	TY	TY	7	TY	TY	8	TY
Net Number		0	0	0	0	0	0	0	0	0	0
TSEC Variable		1	1	1	1	1	1	1	1	1	1
MSEC Variable											
Access Mode		4	D				D			D	
Packing Limit			P2DP				P4			P4	
Per Unit Slots/Frame			1								
Total Slots/Frame		8	32	32	32	32	32	32	32	4	4
Participant ID	User Seq Number	Connectivity									
1. E3(1)		T	T/R	Y	Y	Y	T			T	
2. SHIP(1)/MULTS(1)	1	T	T/R	R	R	R	R			R	
3. CRC(1)		T	T/R	R	R	R	R			R	
4. ROSETTA(1)/E2C(1)	1	T	T/R	Y	Y	Y		R	Y		R
5. E3(2)		T	T/R	Y	Y	Y	R	Y		R	Y
6. RJ(1)		T	T/R	Y	Y	Y	R	Y		R	Y
7. SHIP(2)	2	T	T/R	Y	Y	Y		R	Y		R
8. SHIP(3)	3	T	T/R	Y	Y	Y		R	Y		R
9. CRC(2)		T	T/R	R	R	R		R			R
10. FAAD(1)		T	T/R	Y	Y	Y		R	Y		R
11. FAAD(2)		T	T/R	Y	Y	Y		R	Y		R
12. E3(199.1) H/O		T	T/R	R	R	R					
13. E3(199.2) H/O		T	T/R	R	R	R					
14. E3(3)		T	T/R	Y	Y	Y		R	Y		R
15. RJ(2)		T	T/R	Y	Y	Y		R	Y		R
16. JSTARS(1)		T	T/R	Y	Y	Y		R	Y		R
17. ABCCC(1)		T	T/R	Y	Y	Y		R	Y		R
18. ABCCC(2)		T	T/R	Y	Y	Y		R	Y		R
19. TAOM(1)		T	T/R		R	R			R		
20. CRC(3)		T	T/R	R	R	R			R		
21. E2C(2)	2	T	T/R	Y	Y	Y		R	Y		R
22. E2C(3)	3	T	T/R	Y	Y	Y		R	Y		R
23. E2C(4)	4	T	T/R	Y	Y	Y		R	Y		R
24. E2C(5)	5	T	T/R	Y	Y	Y		R	Y		R
25. SHIP(4)	4	T	T/R	Y	Y	Y		R	Y		R
26. SHIP(5)	5	T	T/R	Y	Y	Y		R	Y		R
27. SHIP(6)	6	T	T/R	Y	Y	Y		R	Y		R

Default Net = Net 0 ***Net Entry Transmit Enable: No***

CONNECTIVITY MATRIX

Connectivity Matrix for Network: NET38											
Connectivity Matrix Status is VERIFIED											
Slot Group		11	12	13	14	15	16	17	18	19	20
NPG Number		TY	10	TY	TY	7	TY	TY	8	TY	TY
Net Number		0	0	0	1	0	0	0	0	0	0
TSEC Variable		1	1	1	1	1	1	1	1	1	1
MSEC Variable											
Access Mode			D			D			D		
Packing Limit			P4			P4			P4		
Per Unit Slots/Frame											
Total Slots/Frame		4	4	4	4	16	16	16	4	4	4
Participant ID	User Seq Number	Connectivity									
1. E3(1)			T			R	Y		R	Y	
2. SHIP(1)/MULTS(1)	1		R			R	R		R	R	
3. CRC(1)						T	R		T	R	
4. ROSETTA(1)/E2C(1)	1	Y		R	Y		R			R	
5. E3(2)			R	Y		R	Y		R	Y	
6. RJ(1)			R	Y		R	Y		R	Y	
7. SHIP(2)	2	Y		R	Y		R	Y		R	Y
8. SHIP(3)	3	Y		R	Y		R	Y		R	Y
9. CRC(2)							R			R	
10. FAAD(1)		Y		R	Y		R	Y		R	Y
11. FAAD(2)		Y		R	Y		R	Y		R	Y
12. E3(199.1) H/O											
13. E3(199.2) H/O											
14. E3(3)		Y		R	Y		R	Y		R	Y
15. RJ(2)		Y		R	Y		R	Y		R	Y
16. JSTARS(1)		Y		R	Y		R	Y		R	Y
17. ABCCC(1)		Y		R	Y		R	Y		R	Y
18. ABCCC(2)		Y		R	Y		R	Y		R	Y
19. TAOM(1)		R			R			R			R
20. CRC(3)		R						R			R
21. E2C(2)	2	Y		R	Y		R	Y		R	Y
22. E2C(3)	3	Y		R	Y		R	Y		R	Y
23. E2C(4)	4	Y		R	Y		R	Y		R	Y
24. E2C(5)	5	Y		R	Y		R	Y		R	Y
25. SHIP(4)	4	Y		R	Y		R	Y		R	Y
26. SHIP(5)	5	Y		R	Y		R	Y		R	Y
27. SHIP(6)	6	Y		R	Y		R	Y		R	Y

Default Net = Net 0 ***Net Entry Transmit Enable: No***

CONNECTIVITY MATRIX

Connectivity Matrix for Network: NET38											
Connectivity Matrix Status is VERIFIED											
Slot Group		21	22	23	24	25	26	27	28	29	30
NPG Number		7	TY	TY	7	TY	8	TY	10	TY	7
Net Number		0	0	0	0	0	0	0	0	0	0
TSEC Variable		1	1	1	1	1	1	1	1	1	1
MSEC Variable											
Access Mode		D			D		D		D		D
Packing Limit		P4			P4		P4		P4		P4
Per Unit Slots/Frame											
Total Slots/Frame		4	4	4	48	48	4	4	4	4	8
Participant ID	User Seq Number	Connectivity									
1. E3(1)		R	Y		R	Y	R	Y	R	Y	R
2. SHIP(1)/MULTS(1)	1	R	R		R	R	R	R	R	R	R
3. CRC(1)		R	R		R	R	R	R			R
4. ROSETTA(1)/E2C(1)	1	T	R		R	Y	R	Y	R	Y	R
5. E3(2)		R	Y		T	Y	T	Y	T	Y	R
6. RJ(1)		R	Y		R	Y	R	Y	R	Y	T
7. SHIP(2)	2		R	Y	R	Y	R	Y	R	Y	R
8. SHIP(3)	3		R	Y	R	Y	R	Y	R	Y	R
9. CRC(2)			R		R	R	R	R			R
10. FAAD(1)			R	Y	R	Y	R	Y	R	Y	R
11. FAAD(2)					R	Y	R	Y	R	Y	R
12. E3(199.1) H/O											
13. E3(199.2) H/O											
14. E3(3)			R	Y	R	Y	R	Y	R	Y	R
15. RJ(2)			R	Y	R	Y	R	Y	R	Y	R
16. JSTARS(1)			R	Y	R	Y	R	Y	R	Y	R
17. ABCCC(1)			R	Y	R	Y	R	Y	R	Y	R
18. ABCCC(2)			R	Y	R	Y	R	Y	R	Y	R
19. TAOM(1)				R	R	R	R	R	R	R	R
20. CRC(3)				R	R	R	R	R			
21. E2C(2)	2		R	Y	R	Y	R	Y	R	Y	R
22. E2C(3)	3		R	Y	R	Y	R	Y	R	Y	R
23. E2C(4)	4		R	Y	R	Y	R	Y	R	Y	R
24. E2C(5)	5		R	Y	R	Y	R	Y	R	Y	R
25. SHIP(4)	4		R	Y	R	Y	R	Y	R	Y	R
26. SHIP(5)	5		R	Y	R	Y	R	Y	R	Y	R
27. SHIP(6)	6		R	Y	R	Y	R	Y	R	Y	R

Default Net = Net 0 ***Net Entry Transmit Enable: No***

CONNECTIVITY MATRIX

Connectivity Matrix for Network: NET38											
Connectivity Matrix Status is VERIFIED											
Slot Group		31	32	33	34	35	36	37	38	39	40
NPG Number		TY	10	TY	7	TY	8	TY	7	TY	8
Net Number		0	0	0	0	0	0	0	0	0	0
TSEC Variable		1	1	1	1	1	1	1	1	1	1
MSEC Variable											
Access Mode			D		D		D		D		D
Packing Limit			P4		P4		P4		P2DP		P2DP
Per Unit Slots/Frame									16		4
Total Slots/Frame		8	8	8	16	16	4	4	32	32	8
Participant ID	User Seq Number	Connectivity									
1. E3(1)		R	R	R	R	Y	R	Y	R	Y	R
2. SHIP(1)/MULTS(1)	1	R	R	R		R		R		R	
3. CRC(1)		R				R		R		R	
4. ROSETTA(1)/E2C(1)	1	Y	R	Y	R	Y	R	Y		R	
5. E3(2)		Y	R	Y	R	Y	R	Y	R	Y	R
6. RJ(1)		R	T	R	R	Y	R	Y	R	Y	R
7. SHIP(2)	2	Y	R	Y	R	Y	R	Y	T/R	Y	T/R
8. SHIP(3)	3	Y	R	Y	R	Y	R	Y	T/R	Y	T/R
9. CRC(2)		R			T	R	T	R	R	R	R
10. FAAD(1)		Y	R	Y	R	Y	R	Y	R		
11. FAAD(2)		Y	R	Y	R	Y	R	Y	R		
12. E3(199.1) H/O											
13. E3(199.2) H/O											
14. E3(3)		Y	R	Y	R	Y	R	Y	R	Y	R
15. RJ(2)		Y	R	Y	R	Y	R	Y	R	Y	R
16. JSTARS(1)		Y	R	Y	R	Y	R	Y	R	Y	R
17. ABCCC(1)		Y	R	Y	R	Y	R	Y	R	Y	R
18. ABCCC(2)		Y	R	Y	R	Y	R	Y	R	Y	R
19. TAOM(1)		R	R	R		R		R		R	
20. CRC(3)		R				R		R		R	
21. E2C(2)	2	Y	R	Y	R	Y	R	Y		R	R
22. E2C(3)	3	Y	R	Y	R	Y	R	Y		R	R
23. E2C(4)	4	Y	R	Y	R	Y	R	Y		R	R
24. E2C(5)	5	Y	R	Y	R	Y	R	Y		R	R
25. SHIP(4)	4	Y	R	Y	R	Y	R	Y		R	R
26. SHIP(5)	5	Y	R	Y	R	Y	R	Y		R	R
27. SHIP(6)	6	Y	R	Y	R	Y	R	Y		R	R

Default Net = Net 0 ***Net Entry Transmit Enable: No***

CONNECTIVITY MATRIX

Connectivity Matrix for Network: NET38											
Connectivity Matrix Status is VERIFIED											
Slot Group		41	42	43	44	45	46	47	48	49	50
NPG Number		TY	10	TY	7	TY	TY	8	TY	TY	10
Net Number		0	0	0	0	0	0	0	0	0	0
TSEC Variable		1	1	1	1	1	1	1	1	1	1
MSEC Variable											
Access Mode			D		D			D			D
Packing Limit			P2DP		P4			P4			P4
Per Unit Slots/Frame			4								
Total Slots/Frame		8	8	8	48	48	48	4	4	4	4
Participant ID	User Seq Number	Connectivity									
1. E3(1)		Y	R	Y		R	Y		R	Y	
2. SHIP(1)/MULTS(1)	1	R		R		R	R		R	R	
3. CRC(1)		R		R		R	R		R	R	
4. ROSETTA(1)/E2C(1)	1	R		R		R	R		R	R	R
5. E3(2)		Y	R	Y	R	Y	Y	R	Y	Y	R
6. RJ(1)		Y	R	Y	R	Y	Y	R	Y	Y	R
7. SHIP(2)	2	Y	T/R	Y	R	Y	Y	R	Y	Y	R
8. SHIP(3)	3	Y	T/R	Y	R	Y	Y	R	Y	Y	R
9. CRC(2)						R	R	R	R	R	
10. FAAD(1)					R	Y	Y	R	Y	Y	R
11. FAAD(2)					R	Y	Y	R	Y	Y	R
12. E3(199.1) H/O											
13. E3(199.2) H/O											
14. E3(3)		Y	R	Y	T	R		T	R		T
15. RJ(2)		Y	R	Y	R	Y		R	Y		R
16. JSTARS(1)		Y	R	Y	R	Y		R	Y		R
17. ABCCC(1)		Y	R	Y	R	Y		R	Y		R
18. ABCCC(2)		Y	R	Y	R	Y		R	Y		R
19. TAOM(1)		R		R		R	R		R	R	
20. CRC(3)		R				R	R	R	R	R	
21. E2C(2)	2	Y	R	Y		R	Y		R	Y	
22. E2C(3)	3	Y	R	Y		R	Y		R	Y	
23. E2C(4)	4	Y	R	Y		R	Y		R	Y	
24. E2C(5)	5	Y	R	Y		R	Y		R	Y	
25. SHIP(4)	4	Y	R	Y		R	Y		R	Y	
26. SHIP(5)	5	Y	R	Y		R	Y		R	Y	
27. SHIP(6)	6	Y	R	Y		R	Y		R	Y	

Default Net = Net 0 ***Net Entry Transmit Enable: No***

CONNECTIVITY MATRIX

Connectivity Matrix for Network: NET38											
Connectivity Matrix Status is VERIFIED											
Slot Group		51	52	53	54	55	56	57	58	59	60
NPG Number		TY	TY	7	TY	10	TY	7	TY	7	TY
Net Number		0	0	0	0	0	0	0	0	0	0
TSEC Variable		1	1	1	1	1	1	1	1	1	1
MSEC Variable											
Access Mode				D		D		D		D	
Packing Limit				P4		P4		P4		P4	
Per Unit Slots/Frame										8	
Total Slots/Frame		4	4	8	8	8	8	16	16	16	16
Participant ID	User Seq Number	Connectivity									
1. E3(1)		R	Y		R		R		R		R
2. SHIP(1)/MULTS(1)	1	R	R		R		R		R		R
3. CRC(1)		R	R		R		R		R		R
4. ROSETTA(1)/E2C(1)	1	R	R		R		R	R	R	R	R
5. E3(2)		Y	Y	R	Y	R	Y	R	Y	R	Y
6. RJ(1)		Y	Y	R	Y	R	Y	R	Y	R	Y
7. SHIP(2)	2	Y	Y	R	R	R	R	R	Y	R	Y
8. SHIP(3)	3	Y	Y	R	R	R	R	R	Y	R	Y
9. CRC(2)				R	R				R	R	R
10. FAAD(1)		Y	Y	R	Y	R	Y	R	Y	R	Y
11. FAAD(2)		Y	Y	R	Y	R	Y	R	Y	R	Y
12. E3(199.1) H/O											
13. E3(199.2) H/O											
14. E3(3)		R		R	Y	R	Y	R	Y	R	Y
15. RJ(2)		Y		T	Y	T	Y	R	Y	R	Y
16. JSTARS(1)		Y		R	Y	R	Y	T	Y	R	Y
17. ABCCC(1)		Y		R	Y	R	Y	R	Y	T/R	Y
18. ABCCC(2)		Y		R	Y	R	Y	R	Y	T/R	Y
19. TAOM(1)		R	R	R	R	R	R	R	R	R	R
20. CRC(3)				R	R				R	R	R
21. E2C(2)	2	R	Y	R	Y	R	Y	R	Y	R	Y
22. E2C(3)	3	R	Y	R	Y	R	Y	R	Y	R	Y
23. E2C(4)	4	R	Y	R	Y	R	Y	R	Y	R	Y
24. E2C(5)	5	R	Y	R	Y	R	Y	R	Y	R	Y
25. SHIP(4)	4	R	Y	R	Y	R	Y	R	Y	R	Y
26. SHIP(5)	5	R	Y	R	Y	R	Y	R	Y	R	Y
27. SHIP(6)	6	R	Y	R	Y	R	Y	R	Y	R	Y

Default Net = Net 0 ***Net Entry Transmit Enable: No***

CONNECTIVITY MATRIX

Connectivity Matrix for Network: NET38											
Connectivity Matrix Status is VERIFIED											
Slot Group		61	62	63	64	65	66	67	68	69	70
NPG Number		7	TY	TY	8	TY	TY	10	TY	TY	12
Net Number		0/1	0	0	0	0	0	0	0	0	127
TSEC Variable		1	1	1	1	1	1	1	1	1	1
MSEC Variable											
Access Mode		D			D			D			D
Packing Limit		P2DP			P2DP			P2DP			P4
Per Unit Slots/Frame					4			2			
Total Slots/Frame		72	72	72	32	32	32	16	16	16	112
Participant ID	User Seq Number	Connectivity									
1. E3(1)				R			R			R	T
2. SHIP(1)/MULTS(1)	1			R			R			R	T
3. CRC(1)				R			R				T
4. ROSETTA(1)/E2C(1)	1			R			R			R	T
5. E3(2)			R	Y		R	Y		R	Y	T
6. RJ(1)			R	Y		R	Y		R	Y	T
7. SHIP(2)	2	O*		Y		R	Y		R	Y	T
8. SHIP(3)	3	O*		Y		R	Y		R	Y	T
9. CRC(2)				R			R				T
10. FAAD(1)			R	Y		R	Y		R	Y	
11. FAAD(2)			R	Y		R	Y		R	Y	
12. E3(199.1) H/O											T
13. E3(199.2) H/O											T
14. E3(3)		R	Y	Y	R	Y	Y	R	Y	Y	T
15. RJ(2)		R	Y	Y	R	Y	Y	R	Y	Y	T
16. JSTARS(1)		R	Y	Y	R	Y	Y	R	Y	Y	
17. ABCCC(1)		R	Y	Y	R	Y	Y	R	Y	Y	
18. ABCCC(2)		R	Y	Y	R	Y	Y	R	Y	Y	
19. TAOM(1)			R	R		R			R		T
20. CRC(3)			R	R		R					T
21. E2C(2)	2	O	Y		T/R	Y		T/R	Y		T
22. E2C(3)	3	O	Y		T/R	Y		T/R	Y		T
23. E2C(4)	4	O	Y		T/R	Y		T/R	Y		T
24. E2C(5)	5	O	Y		T/R	Y		T/R	Y		T
25. SHIP(4)	4	O	Y		T/R	Y		T/R	Y		T
26. SHIP(5)	5	O	Y		T/R	Y		T/R	Y		T
27. SHIP(6)	6	O	Y		T/R	Y		T/R	Y		T

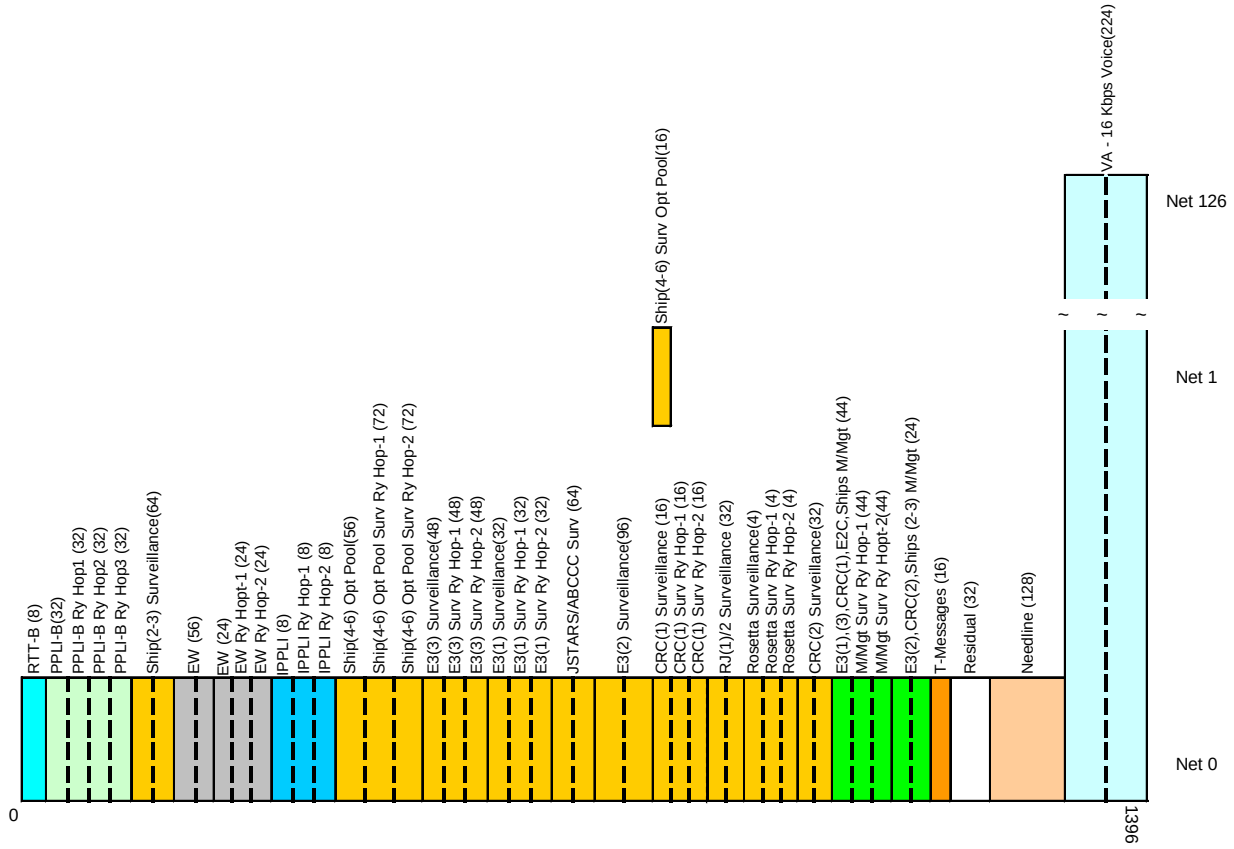
Default Net = Net 0 ***Net Entry Transmit Enable: No***

CONNECTIVITY MATRIX

Connectivity Matrix for Network: NET38											
Connectivity Matrix Status is VERIFIED											
Slot Group		71	72	73	74	75	76	77	78	79	80
NPG Number		TY	29	31	14	TY	TY	401			
Net Number		127	0	0	0	0	0	0			
TSEC Variable		1	1	1	1	1	1	1			
MSEC Variable											
Access Mode			DSR	D	DSR			D			
Packing Limit			STD	STD	P2DP			STD			
Per Unit Slots/Frame				2				64			
Total Slots/Frame		112	32	16	8	8	8	128			
Participant ID	User Seq Number	Connectivity									
1. E3(1)		VY	T	T/R		R	Y				
2. SHIP(1)/MULTS(1)	1	VY				R	R				
3. CRC(1)		VY				R	R				
4. ROSETTA(1)/E2C(1)	1	VY	T			R	R				
5. E3(2)		VY	T	T/R		R	Y				
6. RJ(1)		VY				R	Y				
7. SHIP(2)	2	VY			T	Y	Y				
8. SHIP(3)	3	VY			T	Y	Y				
9. CRC(2)		R				R	R				
10. FAAD(1)						R	Y	T/R			
11. FAAD(2)						R	Y	T/R			
12. E3(199.1) H/O		VY	T	T/R							
13. E3(199.2) H/O		VY	T	T/R							
14. E3(3)		VY	T	T/R	R	Y					
15. RJ(2)		VY			R	Y					
16. JSTARS(1)			T		R	Y					
17. ABCCC(1)			T		R	Y					
18. ABCCC(2)			T		R	Y					
19. TAOM(1)			T		R	Y					
20. CRC(3)		VY				R					
21. E2C(2)	2	VY			R	Y					
22. E2C(3)	3	VY			R	Y					
23. E2C(4)	4	VY			R	Y					
24. E2C(5)	5	VY			R	Y					
25. SHIP(4)	4	VY			T	Y					
26. SHIP(5)	5	VY			T	Y					
27. SHIP(6)	6	VY			T	Y					

Default Net = Net 0 ***Net Entry Transmit Enable: No***

TIME LINE



Note:

1. Numbers in Parenthesis ( ) indicate total slots in NPG including relay if applicable.
2. Dashed lines (----------) = Relayed NPGs.
3. Ships(2) and (3) do not participate in the Surveillance Option Pool

Legend Color Code:

- NPG 3 - RTT B
- NPG 6 - PPLI B
- NPG 7 - Surveillance
- NPG 8 - Mission Management
- NPG 9 - Air Control
- NPG 10 - EW
- NPG 12 - Voice A
- NPG 14 - I-PPLI
- NPG 29 - Residual
- NPG 31 - T-Messages
- NPG 401 - Needlines

UNIT PULSE DENSITY CALCULATIONS (TSDF)

Platform	Unit Pulses	Unit TSDF	Relay Pulses	Relay TSDF	Total Unit TSDF w/o Voice	Voice Pulses	Voice Relay Pulses	Total Voice Pulses	Voice TSDF	Total Unit Pulses	Total Unit TSDF w/Voice
E3(1)	27336	6.90%	118896	30.00%	36.90%	49728	49728	99456	25.10%	245688	62.00%
MULTS(1)/SHIP(1)	675	0.17%	0	0.00%	0.17%	49728	49728	99456	25.10%	100131	25.27%
CRC(1)	9555	2.41%	0	0.00%	2.41%	49728	49728	99456	25.10%	109011	27.51%
Rosetta (1)/E2C(1)	10707	2.70%	81600	20.59%	23.29%	49728	49728	99456	25.10%	191763	48.39%
E3(2)	34311	8.66%	208584	52.63%	61.29%	49728	49728	99456	25.10%	342351	86.39%
RJ (1)	7779	1.96%	232560	58.68%	60.65%	49728	49728	99456	25.10%	339795	85.74%
SHIP(2)	14883	3.76%	243216	61.37%	65.13%	49728	49728	99456	25.10%	357555	90.23%
SHIP(3)	14883	3.76%	243216	61.37%	65.13%	49728	49728	99456	25.10%	357555	90.23%
CRC(2)	9555	2.41%	0	0.00%	2.41%	49728	0	49728	12.55%	59283	14.96%
FAAD(1)	675	0.17%	220176	55.56%	55.73%	0	0	0	0.00%	220851	55.73%
FAAD(2)	675	0.17%	218400	55.11%	55.28%	0	0	0	0.00%	219075	55.28%
E3(199.1) H/O	9447	2.38%	0	0.00%	2.38%	49728	49728	99456	25.10%	108903	27.48%
E3(199.2) H/O	9447	2.38%	0	0.00%	2.38%	49728	49728	99456	25.10%	108903	27.48%
E3(3)	34311	8.66%	244992	61.82%	70.48%	49728	49728	99456	25.10%	378759	95.58%
RJ(2)	7779	1.96%	269856	68.10%	70.06%	49728	49728	99456	25.10%	377091	95.16%
JSTARS (1)	16035	4.05%	269856	68.10%	72.14%	0	0	0	0.00%	285891	72.14%
ABCCC (1)	12483	3.15%	269856	68.10%	71.25%	0	0	0	0.00%	282339	71.25%
ABCCC (2)	12483	3.15%	269856	68.10%	71.25%	0	0	0	0.00%	282339	71.25%
TAOM(1)	8931	2.25%	3552	0.90%	3.15%	49728	0	49728	12.55%	62211	15.70%
CRC(3)	675	0.17%	0	0.00%	0.17%	49728	49728	99456	25.10%	100131	25.27%
E2C(2)	24651	6.22%	207696	52.41%	58.63%	49728	49728	99456	25.10%	331803	83.73%
E2C(3)	10443	2.64%	207696	52.41%	55.05%	49728	49728	99456	25.10%	317595	80.14%
E2C(4)	10443	2.64%	207696	52.41%	55.05%	49728	49728	99456	25.10%	317595	80.14%
E2C(5)	10443	2.64%	207696	52.41%	55.05%	49728	49728	99456	25.10%	317595	80.14%
SHIP(4)	13995	3.53%	207696	52.41%	55.94%	49728	49728	99456	25.10%	321147	81.04%
SHIP(5)	13995	3.53%	207696	52.41%	55.94%	49728	49728	99456	25.10%	321147	81.04%
SHIP(6)	13995	3.53%	207696	52.41%	55.94%	49728	49728	99456	25.10%	321147	81.04%

Remarks:

1. TSDF calculations based on unit transmit and relay assignments in the network.
2. Contact the Navy NDF for TSDF calculations tailored for specific operations that do not require all platforms participating.

NETWORK ALLOCATION TABLE

Allocation Table for Network: NET38

Allocation Table Status: VERIFIED

SB/ Agg	Net Req.	Net	Set	Idx	RRN
1.1	0	0	A	32	9
2.1		0	B	0	11
3.1		0	A	4	11
4.1		0	A	8	11
5.1		0	A	12	11
6.1		0	A	2	11
7.1		0	A	6	11
8.1		0	A	9	11
9.1		0	A	10	8
10.1		0	A	14	8
11.1		0	A	17	8
12.1		0	A	42	8
13.1		0	A	46	8
14.1		1	A	49	8
15.1		0	A	5	10
16.1		0	A	7	10
17.1		0	A	11	10
18.1		0	A	21	8
19.1		0	A	23	8
20.1		0	A	27	8
21.1		0	A	85	8
22.1		0	A	87	8
23.1		0	A	91	8
24.1		0	C	0	11
24.2		0	A	26	10
25.1		0	C	2	11
25.2		0	A	30	10
26.1		0	C	8	8
27.1		0	C	10	8
28.1		0	C	72	8
29.1		0	C	74	8
30.1		0	C	24	9
31.1		0	C	26	9
32.1		0	C	56	9
33.1		0	C	58	9
34.1		0	C	12	9
34.2		0	C	44	8
34.3		0	A	79	8
35.1		0	C	14	9
35.2		0	C	46	8
35.3		0	A	81	8
36.1		0	C	108	8
37.1		0	C	110	8
38.1		0	A	1	10
38.2		0	A	29	10
39.1		0	A	3	10
39.2		0	C	31	10
40.1		0	A	74	8
40.2		0	B	119	8
41.1		0	A	78	8
41.2		0	B	121	8

NETWORK ALLOCATION TABLE Cont'd

Allocation Table for Network: NET38

Allocation Table Status: VERIFIED

SB/ Agg	Net Req.	Net	Set	Idx	RRN
42.1		0	C	40	9
43.1		0	C	42	9
44.1		0	B	2	11
44.2		0	B	10	10
45.1		0	B	4	11
45.2		0	B	12	10
46.1		0	B	6	11
46.2		0	B	14	10
47.1		0	B	26	8
48.1		0	B	28	8
49.1		0	A	31	8
50.1		0	B	90	8
51.1		0	B	92	8
52.1		0	A	95	8
53.1		0	C	28	9
54.1		0	C	30	9
55.1		0	C	60	9
56.1		0	C	62	9
57.1		0	C	4	10
58.1		0	C	6	10
59.1		0	C	20	10
60.1		0	C	22	10
61.1		0	B	1	11
61.2		1	A	5	10
61.3		0	B	23	9
61.4		0	A	13	9
61.5		0	B	55	8
61.6		0	A	106	8
62.1		0	B	3	11
62.2		0	B	7	10
62.3		0	B	25	9
62.4		0	A	16	9
62.5		0	B	57	8
62.6		0	A	110	8
63.1		0	B	5	11
63.2		0	B	9	10
63.3		0	B	30	9
63.4		0	A	19	9
63.5		0	B	62	8
63.6		0	A	113	8
64.1		0	B	11	11
65.1		0	B	13	11
66.1		0	B	15	11
67.1		0	B	58	9
67.2		0	A	53	9
68.1		0	B	60	9
68.2		0	A	55	9
69.1		0	A	63	9
69.2		0	A	59	9
70.1		127	C	1	12
70.2		127	C	5	11

NETWORK ALLOCATION TABLE Cont'd

Allocation Table for Network: NET38

Allocation Table Status: VERIFIED

SB/ Agg	Net Req.	Net	Set	Idx	RRN
70.3		127	C	13	10
71.1		127	C	3	12
71.2		127	C	7	11
71.3		127	C	15	10
72.1		0	B	8	11
73.1		0	C	29	10
74.1		0	A	45	9
75.1		0	A	48	9
76.1		0	A	51	9
77.1		0	C	1	12
77.2		0	C	5	11
77.3		0	C	3	11
78.1	100	100	A	0	6

RA = Receive Aggregate, TA = Transmit Aggregate, F = Fixed Allocation

COMSEC CROSS REFERENCE TABLE

COMSEC Cross Reference Status: VERIFIED

Default MSEC = 1 Default TSEC = 1

Participant	SDU Locations 0/1	2/3	4/5	6/7	Overflow
E3(1)				1	
SHIP(1)/MULTS(1)	1				
CRC(1)				1	
E2C(1)/ROSETTA(1)	1				
E3(2)				1	
RJ(1)				1	
SHIP(2)	1				
SHIP(3)	1				
CRC(2)				1	
FAAD(1)				1	
FAAD(2)				1	
E3(199.1)				1	
E3(199.2)				1	
E3(3)				1	
RJ(2)				1	
JSTARS(1)				1	
ABCCC(1)				1	
ABCCC(2)				1	
TAOM(1)				1	
CRC(3)				1	
E2C(2)	1				
E2C(3)	1				
E2C(4)	1				
E2C(5)	1				
SHIP(4)	1				
SHIP(5)	1				
SHIP(6)	1				
F14D(1)	1				