

~~TOP SECRET~~ [redacted]

HANDLE VIA BYEMAN CONTROL SYSTEM ONLY

COORDINATION SHEET

	TO	ACTION	SIGNATURE, GRADE, DATE		TO	ACTION	SIGNATURE, GRADE, DATE
1	SI	Coord	See Attached Gen Walker [Signature]	14	OS	Coord	See Attached
2	IM			15	CI		
3	SE			16	POL	Coord	See Attached
4	P&A	Coord	See Attached	17	COMP		
5	MS&O			18	OSO	Coord	See Attached
6	COM			19	CO		
7	TECH			20	IG		
8	DSPO	Info		21	GC		
9	UST			22	ER		
10	LCH			23	COS	Coord	[Signature] 7/9
11				24	DDMS	Coord	[Signature] Adm March
12				25	DDNRO		
13				26	DNRO	Coord	[Signature] JUL 9 1993

25X1

SUBNAME OF ACTION OFFICER AND GRADE	SYMBOL SI-6	TYPYST jsc	SUSPENSE DATE 7 July 93
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SUBJECT Designation of Mission 7247	DATE 28 June 93
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SUMMARY

Action Required: Mr. Hill: Approve transmission of memorandum to SORS.

Problem: TK designator needed to ensure denied area data collected by TAOS (Technology for Autonomous Operational Survivability) program will receive proper security handling.

Background: TAOS will be operated as an 18 month experimental smallsat by the Air Force Phillips Lab for the DOD. It is a DOD survivability testbed. The vehicle is expected to be launched in Sep 93 as a secondary payload on the first TAURUS ELV. Command Uplink and Mission Data Downlink will be via the AFSCN. The associated BYEMAN information with the TAOS program will be handled under the BYEMAN [redacted]. The payload has the capability to collect [redacted] data over denied areas.

Discussion: Attached memorandum is to inform SORS of the assignment of the TK Mission number 7247 to the TAOS program. NSA and CIA analysts are interested in obtaining denied area data from TAOS. Planning is underway to identify and coordinate collection opportunities. Coordination with analysts at the TK level is needed to prepare for data exploitation. Since TAOS is not built or operated by the NRO, normal vehicle reporting and status will not be maintained.

Recommendation: Approve transmission of SORS memorandum.

Approve [Signature] Disapprove _____ Other _____

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Handle via BYEMAN control channels

Coordination Sheet

	TO	ACTION	SIGNATURE, GRADE, DATE		TO	ACTION	SIGNATURE, GRADE, DATE
1	SI	Coord	<i>[Signature]</i> Gen Walker	12	POL	Coord	<i>[Signature]</i> 28 Jun 93
2	IM			13	BUD		
3	SE			14	OPS		
4	P&A	Coord	<i>[Signature]</i> 6-28-93	15	CO		
5	OS MSAO	Coord		16	IG		
6	COM			17	GC		
7	TO			18	ER		
8	DSPO	Info		19	COS	Coord	<i>[Signature]</i> 25X1
9	UST			20	DDMS	Info	<i>[Signature]</i> Adm March
10	OSO	Coord	<i>[Signature]</i> 6/29/93	21	DDNRO		
11	CI			22	DNRO	Coord	Mr. Hill

Surname of Action Officer and Grade <i>[Signature]</i>	Symbol SI-6	Phone <i>[Blank]</i>	Typist jsc	Suspense Date 7 July 93
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Subject Designation of Mission 7247	Date 28 June 93
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Summary

Action Required: Mr. Hill: Approve transmission of memorandum to SORS.

Problem: TK designator needed to ensure denied area data collected by TAOS (Technology for Autonomous Operational Survivability) program will receive proper security handling.

Background: TAOS will be operated as an 18 month experimental smallsat by the Air Force Phillips Lab for the DOD. It is a DOD survivability testbed. The vehicle is expected to be launched in Sep 93 as a secondary payload on the first TAURUS ELV. Command Uplink and Mission Data Downlink will be via the AFSCN. The associated BYEMAN information with the TAOS program will be handled under the BYEMAN *[Signature]*
The payload has the capability to collect *[Signature]* data over denied areas.

Discussion: Attached memorandum is to inform SORS of the assignment of the TK Mission number 7247 to the TAOS program. NSA and CIA analysts are interested in obtaining denied area data from TAOS. Planning is underway to identify and coordinate collection opportunities. Coordination with analysts at the TK level is needed to prepare for data exploitation. Since TAOS is not built or operated by the NRO, normal vehicle reporting and statusing will not be maintained.

Recommendation: Approve transmission of SORS memorandum.

Approve _____ Disapprove _____ Other _____

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~~(S)~~ NATIONAL RECONNAISSANCE OFFICE

WASHINGTON, D.C.

DIRECTOR
SIGINT DIRECTORATE

SDM-028-93
July 8, 1993

MEMORANDUM FOR SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE

SUBJECT: Designation of Mission 7247 - INFORMATION MEMORANDUM

This memorandum is to inform SORS of the assignment of the TK Mission number of 7247 to the Technology for Autonomous Operational Survivability (TAOS) program. The associated BYEMAN information with the TAOS program will be handled under the BYEMAN [redacted]

TAOS will be operated as an 18-month experimental smallsat by the Air Force Phillips Lab for the DOD. It is a DOD survivability technology testbed and will be the payload on the first Space Test Program "STEP" bus. TAOS will be launched on the first TAURUS ELV (expendable launch vehicle) into a 300 nm circular orbit, with an inclination of 105 degrees. Command Uplink and Mission Data Downlink will be via the AFSCN. All data will be encrypted.

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TAOS contains several subsystems which facilitate on-board survivability.

a. Microcosm Autonomous Navigation System (MANS) permits normal satellite operation during Mission Ground Stations (MGS) outages.

[redacted]

[redacted]

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[redacted]

[redacted]

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