# **Introduction**

Eric Tomlinson has devoted over 40 years to recording music for films. In 1959 he joined the Cine-Tele Sound (CTS) studios where his work largely revolutionised film music recording techniques in the UK. At CTS, Tomlinson recorded music for well-known films including *Zulu*, *Goldfinger*, *The Knack* and *The IPCRESS File* with spectacular results.

In 1968 Tomlinson commercialised the music stage in Denham with Anvil Films and continued to develop his world-renowned reputation with recordings for *Ryan's Daughter*, *Star Wars*, *Superman* and *Alien* to name but a few.



Eric Tomlinson at the Neve mixing console at Anvil Studios used to record many Maurice Jarre, Jerry Goldsmith and John Williams scores during the 1970s

In 1980, expiration of the lease at Denham forced relocation. Tomlinson saw Abbey Road as a feasible venue and virtually single-handedly saved the historic studio from redevelopment. At Abbey Road he recorded *Raiders of the Lost Ark*, *Return of the Jedi*, *Amadeus* and others by perfectly capturing nuance, detail and intonation.

Eric Tomlinson has collaborated with many high profile composers including: John Barry; John Williams; Jerry Goldsmith; Maurice Jarre; Basil Poledouris; and Michael Kamen. He was admired for his ability to quickly obtain a balance and skilfully deliver a live mix during sessions. Musicians enjoyed his easy-going manner and work ethic that ensured they were satisfied with the sound presented to them.

Without doubt, Eric Tomlinson is one of the unsung heroes of the film industry and, indeed, the wider music community. The engineer contributed to the realisation of Oscar winning scores for **Born Free**, **Fiddler on the Roof** and **Star Wars**. He also recorded music for popular music artists including Frank Sinatra, The Carpenters and Queen.

In July 2005 I was fortunate to speak with the engineer and discovered a man of remarkable talent, wit and modesty.

In this document I have endeavoured to present the definitive profile of one of the most prolific and successful music recording engineers of the 20<sup>th</sup> century. I have included many previously unpublished photographs that Eric Tomlinson has graciously provided from his own personal collection.

Thank you to Eric Tomlinson, Alan Snelling, Steve Hoffman, Toby Mountain, Joe Gastwirt, Douglass Fake and Angela Morley.

# An Appreciation of Music and CTS Studios

After finishing high school, Eric Arthur Tomlinson sought a career in the aircraft industry and completed an apprenticeship. "[I] used to go every day to Hayes and turn left to a company called the Fairey Aviation Company, when I wished I'd turned right into EMI studios – or EMI as it was called at the factory." The EMI factory in Hayes, Middlesex, made the early tape machines and mixing consoles that were utilised at Abbey Road and other studios throughout Europe. The Beatles albums were recorded on valve driven REDD and later transistorised EMI TG12345 consoles manufactured at the factory.



Eric Tomlinson at the mixing console at CTS Studios in Bayswater during the early 1960s

With "an appreciation of music" and no formal electrical engineering qualifications, Eric Tomlinson abandoned a career in aviation and joined the International Broadcasting Company (IBC) Studios at Portland Place. During his tenure at IBC, Tomlinson recorded jazz for Dennis Preston's company called Record Supervision Ltd during the renaissance of traditional jazz in Britain. "He had most of the jazz artists in England under contract," recollected Tomlinson, who made many hit recordings for composer/performer John Dankworth, including wife Cleo Laine's first recording. Virtuosos including Keith Grant, Jack Clegg and Joe Meek all initiated their careers with Tomlinson at IBC. "So, we did a lot of jazz and all sorts of visiting Americans and British artists and so on. Then I started film music." Embarking as an assistant, the first film Tomlinson worked on was John Paul Jones for Max Steiner, in 1959, before going solo with recordings for conductor Muir Mathieson.

The Cine-Tele Sound (CTS) Studios, located at 49-53 Kensington Gardens Square, Bayswater, London, were housed in a converted banqueting hall that was previously owned by Whiteleys department store. Peter Kay was the managing director and John Elliott technical director during the formative years. Tomlinson joined the company during its inaugural year in 1959. The studio offered film music recording in a convenient location within London. "Up till then the only place to record film music with an orchestra of any size was Shepperton, sometimes MGM when they were not building on the music stage, EMI (ABPC as it was in those days) Elstree. They were the only ones," recounted Tomlinson.

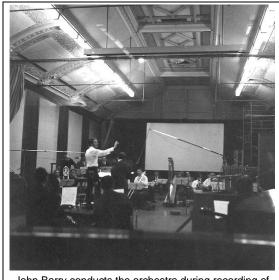
Although smaller than some of the other facilities in England, CTS comfortably fit 65 players in its rectangular shaped 85 by 40 foot room. "It was a very basic studio," reflected Tomlinson of the early days of CTS. "It only had 12 inputs on the desk, very little equalisation (not that I use a lot) and a couple of EMT echo plates and that was about it."

In America film music was recorded directly to 35mm magnetic film and had been so since 1953 following the introduction of wide-screen formats such as Cinemascope. At CTS, ½" tape, recorded on the studio's three-track Philips machine, was the format of choice. "Nearly everything was done straight to two-track or three-track if there were vocals or something," explained Tomlinson. "I think we used to cut three-track 35mm magnetic film simultaneously in many cases, purely because it was not always easy to synchronise a tape machine with 35mm projected picture. Basically we played back the 35mm but then worked from the tape."

# **James Bond and Those Magnificent Men**

During the early 1960s, CTS attracted composers and musicians that were not necessarily seeking to record film scores. It was during this time Eric Tomlinson made recordings for Annie Ross and Bob Farnon, including "Great Songs from Great Britain" with Frank Sinatra.

John Barry catapulted into the film arena in 1962 providing an indelible arrangement of Monty Norman's "James Bond Theme" for **Dr. No.** The Bond theme was recorded at CTS on 21 June 1962 with Vic Flick playing his, now famous, Clifford Essex Paragon electric guitar. "Half the thing was the clapped out old amplifier he used," said Tomlinson of a key element of the James Bondian twang. The amplifier was "pretty awful by present day standards but had a very, very distinctive sound."



John Barry conducts the orchestra during recording of From Russia With Love at CTS in 1963

By 1964, John Barry had added *From Russia with Love* and *Zulu* to his resume, as had Tomlinson for recording them with a clear and spacious sound. In many ways, Barry reached the zenith of his Bond sound with his *Goldfinger* score and its memorable title song belted out by Shirley Bassey. Recorded on 20 August 1964, Tomlinson recalled that around 15 takes were conquered before Barry, ever the perfectionist, was satisfied. "*John was a little bit of 'Mmm. Just do one more. Just try one more. And just try one more,*" much to Bassey's frustration. The effort was worthwhile as the single and soundtrack album both became chart successes – the single peaking at number 8 in America and remaining in the charts for 13 weeks. The single sold over one million copies in America alone, firmly cementing the careers of Barry and Bassey.

Henry Mancini journeyed to CTS to record *Charade* and *A Shot in the Dark* (later others) and helped cement the studio's reputation as the premiere film music recording facility in London. "When Mancini came over it suddenly took off and we got a lot of people in there and a lot of visiting Americans."

Curiously, the re-recording mixers at Pinewood, headed by Gordon McCallum and John Mitchell, had an intense dislike of the music coming from CTS. "I remember when we did **Those Magnificent Men in Their Flying Machines** with Ron Goodwin and we got a call, they had a car waiting for the first results of the session. And they rang at midday to say 'this music is not acceptable!' Well what can we do? We went on for the rest of the day and went out to see them in the evening where there was a great committee there telling us why it wasn't acceptable. 'There was too much echo. It was too distant. It was too left and too right and too this and too that and too diffuse. It wasn't working with the picture' and so on."

Over the years Tomlinson would record a number of scores for Ron Goodwin including both the Goodwin and rejected William Walton scores to *The Battle of Britain*. "Ron said, 'well I've just heard the music score for *How the West Was Won* and I want my picture to sound as big as that and as wide as that – my soundtrack to sound like that.' And they said, 'That's not really film music they did that just for a gramophone record and stuck it on.' That was their thinking in those days." A lavish production for 20<sup>th</sup> Century-Fox, *Those Magnificent Men* was filmed in the 65mm Todd-AO format and released in June of 1965 in 70mm and 35mm formats with six-track and four-track magnetic sound, respectively. "We just argued with them and carried on working the way we did! The proof of the pudding was in the eating, actually. It was alright eventually," laughed Tomlinson.

## **Clean Music**

A wonderful raconteur, Eric Tomlinson remembered the results of his instructions to the cleaners at CTS one weekend. "The studio was looking a little bit dull and needed cleaning up a bit and I said to the cleaners 'can you just sort of clean up the place.' When I came back they had varnished everything. All the woodwork had been varnished. Even the piano had been varnished! The floor had been highly polished." This was not quite the cleaning that Tomlinson had expected. "I went absolutely bananas! I went in there and you went 'da, da, da, da, da.' The sound went all around the room, it was awful!" The inside of the studio diffused sound through the use of



wood together with acoustic boarding and was rendered unsuitable for recording. The cleaners were hastily called back in. "For the next two days they had wire wool and scrubbers and cleaned the whole lot off because it would have killed everything."

# **Anvil Films of Denham**

In 1966 Eric Tomlinson departed CTS to rejuvenate the large music theatre located in the old Korda Studio complex at North Orbital Road in Denham, Buckinghamshire. John Richards had been Tomlinson's assistant and tape operator/editor at CTS and assumed the senior recording engineer role following his mentor's departure.

The Denham stage was commercialised by film music recording veteran Ken Cameron and his Anvil Film Unit together with Eric Tomlinson. The studio possessed dimensions of approximately 65 feet by 80 feet with a 50 foot ceiling and readily accommodated 120 players. Anvil reminded Tomlinson of the famous Goldwyn Stage 7 where *The Magnificent Seven*, *The Great Escape*, *Spartacus* and *Marnie* had been skilfully recorded by Vinton Vernon. "I remember my very first trip to America was to the Goldwyn stage, where all the big musicals had been done, and I was very impressed with it because it was very much like the Anvil that I went to before we modernised it. It was just like that. It was a funny old-fashioned place and not very clean and so on but it had an atmosphere which was really great for that time of scoring."

Originally, the Denham control room was fitted with an old Westrex optical mixing console that had a limited number of inputs and fixed left, centre and right outputs. No panning or channel redirection was possible with the primitive mixer. *Chitty Chitty Bang Bang* was one of several scores recorded on the console before it was replaced by a modern 24 input Neve console. The recording media of choice was three-track ½" tape together with 35mm magnetic film. Recordings were monitored through Tannoy speakers that were in enclosures designed by a friend of Olympic Sound Studios chief engineer, Keith Grant. The microphone cabinet contained a selection a Neumann, Telefunken and AKG tube condenser microphones, a few RCA ribbons and a series of dynamic microphones.

Eric Tomlinson's approach was to meticulously position the Neumann and Telefunken microphones at distances ranging from two to ten feet from instruments and reserve the RCA ribbons for brass. "I used to record basically a finished soundtrack on three tracks," explained Tomlinson. On introduction of 8 and 16-track machines, a three-channel live mix was still made to tracks one, two and three of the recorder. "I'd split the orchestra down all the other tracks. Four would be violins I, five violins II, six violas, seven cellos, eight basses, nine and ten would be woodwinds and so on. Then in mixing, if they were doing any mixing, they'd either take tracks one, two and three and transfer it to film and that would be it or they'd say 'I wish we had a bit more flute' and you'd just open up track nine a bit more and there was a bit more flute or so on. That was my way of working."

Tomlinson was thoughtful to ensure that the composer was happy with the sound he was presenting. "It wasn't necessarily my sound it was their sound and one composer would want this and another composer would want something slightly different or radically different. And you had to sort of get inside their mind and satisfy them, which worked."

Maurice Jarre and Eric Tomlinson established a working relationship that continued a number of years. The engineer cites the composer as an example of



adapting techniques to suit both the requirements of the music and the musician. Typically, Tomlinson would use a touch of artificial reverberation however "Maurice Jarre hated it, as he used to call it 'the faucet.' 'Turn off the faucet, Eric. I don't like it," laughed Tomlinson, imitating a French accent. "And I would try to enhance the strings with a little bit and he would come in and he would say 'No, too much faucet.' So we had to cool it. He always wanted a drier string sound than I would have normally gone for but that was his choice, he was paying!"

Jarre was one of Tomlinson's more frequent clients throughout the 1970s recording acclaimed scores to *Ryan's Daughter*, *The Man Who Would Be King* and *Jesus of Nazareth* at Anvil. "Maurice Jarre was very interesting because he used to use so many percussion instruments which would demand 20 mikes alone. So I had two mixers brought in sometimes to Anvil and I was running the two."

Having successfully recorded scores for just about every composer, nothing was akin to the temperament that Bernard Herrmann could unleash. "He was, sort of, a very aggressive person. [He] didn't like anything [and] said 'I've got better speakers in my kitchen then you've got in this control room!" chortled Tomlinson who recorded **Endless Night** and **Sisters** for Bernard Herrmann at Anvil. "He was a very aggressive, talented, but very grumpy person all the time." Both scores successfully integrated chilling moog synthesiser tonalities with the instrument performed by Howard Blake on **Endless Night**, who received a screen credit for doing so. It was Tomlinson who suggested that Shirley Jones dub Hayley Mills singing of "End of the Night" in the score. Herrmann is said to have issued a "thank you" under sufferance. Whilst **Endless Night** remains unreleased on album, **Sisters** was issued as a QS matrix quadraphonic LP by Entr'acte in August 1975. At the time, the album was ear-marked as a "Dealer Demo" disc. 1

In 1977 **Star Wars** attracted further interest in Anvil after the phenomenal success of the film and its John Williams score. "I remember going to the cinema, not on the premiere but there was a studio showing in the West end of London, and we all stood up and cheered when the opening titles came on," recalled Tomlinson of the film that changed filmmaking. "It nearly blew us out of our seats, it sounded magnificent. [We] just sat there drooling [and] taking it all in."

For a detailed chronicle of the recording of the **Star Wars** saga music scores please refer to <a href="https://www.malonedigital.com/starwars.htm">www.malonedigital.com/starwars.htm</a>.

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<sup>&</sup>lt;sup>1</sup> "Dealer Demo 'Q' Discs." *Tape/Audio/Video*. Billboard Magazine. Aug. 1975.

# **Abbey Road and Abroad**

In 1980 the lease on the Denham stage in the Korda Studio complex expired. A developer purchased the site and intended to demolish it soon thereafter leaving the Anvil team without a home. Anvil management looked at the feasibility of reinstating the ABPC / EMI Elstree stage but passed when informed that only a 3 to 4 year lease would be granted. "As it turned out it was just as well because the place was eventually pulled down. There's a big supermarket there now."

Recording *Star Wars* at Anvil Studios in March 1977

Recording Star Wars at Anvil Studios in March 1977

Rear row: Music copyist Ernie Locket, composer John Williams, recording supervisor Lionel Newman, film producer Gary Kurtz

Front row: Engineer Eric Tomlinson, film director George Lucas

Desperate to find a venue, the Anvil team examined various churches and halls before Tomlinson

suggested EMI-Abbey Road Studio 1. "We looked around for other premises and it was my idea that it was maybe the only place we could go to that would be worthwhile. I went down to see the studio and it was not very busy, so I told management back at Anvil and the next thing I knew they'd done a negotiation and formed Anvil-Abbey Road. [Assistant engineer] Alan Snelling and I were directors of it and ran it pretty well the way we wanted."

By the end of 1980 the first film music recording had taken place at Anvil-Abbey Road Screen Sound Studio 1, Maurice Jarre's score to *The Lion of the Desert*. Interestingly, technology at Abbey Road was not as sophisticated as Tomlinson and Snelling were used to at Anvil. The mixing desk was a TG12345 console made by EMI Research Laboratories in Hayes, Middlesex. "Ergonomically it was crazy because they'd modified it up to 16-track [initially] and the monitor controls were like at each end. And as the desk was about 10 foot long [by] 8 foot wide, if you wanted to turn down something you had to get up, walk over and turn it down and then you'd find that something at the other end of the desk wanted turning up to balance it out. And they were all on rotary pots," laughed Tomlinson. "It was really not a very clever desk. It was not made for high speed working at all. It was basically a big classical desk where you sat in the centre and sat back. Originally, I think it was only a three-track and they modified it up to 16-track."

Raiders of the Lost Ark, Night Crossing and The Final Conflict were recorded at Abbey Road in 1981 and all share an awe-inspiring spacious sound. Monsignor is superb and Tomlinson related that he configured a small electronic organ in Abbey Road Studio 2 adorning it with a number of speakers. These were miked and fed into Studio 1 to blend with the orchestra and create a sense of scale. A personal favourite of Tomlinson's, the album features a commanding five minute organ and choir led aria titled "Gloria" and a rapturous "Meeting in Sicily" scherzo. The vivid and dynamic LP is closer to the engineer's intentions over than the Intrada CD. "There has been a considerable amount of correction made, especially in the lower end," remarked the engineer in 2007 on auditioning the CD.

It was in 1983 that Tomlinson reached an apex of sorts with an immaculate recording of James Horner's **Brainstorm** score, recorded digitally at Abbey Road in September of 1983. "That was straight to two-track. He'd already done the soundtrack, of course, the film was out and this was just the album. That was my first job with him." **Brainstorm** is one of those rare recordings that can truly be referred to as demonstration quality. The LP and CD from Varese Sarabande boast spectacular staging, transparent imaging and a massive dynamic range. Unquestionably, this chef-d'oeuvre deserves a place in any collection of finely recorded music.

It was actually the quality of the **Brainstorm** recording that led to further work with James Horner in 1983, including the leanly orchestrated, yet striking, The Dresser and the militaristic Uncommon Valor. The former score was recorded at Olympic Studios in England whereas sessions for the latter took place at Paramount Studios Stage "M" in America. Paramount's scoring stage opened in 1981 after significant remodelling and renovation by executive director Dan Wallin, who also acted as the resident scoring mixer. "They'd got a brand new [SSL] desk in there and I wasn't very au fait with it at all. And I know



I took the instruction book on the plane to read it and after about the sixth page I put it away and thought 'oh well, see what happens.' And it seemed to work all right."

The highly creative *Uncommon Valor* score featured a large orchestra together with an extended percussion section and a small ensemble of Japanese instruments that included shakuhachi. Although used regularly by many composers, including James Horner, the Paramount stage was not liked for its suffocating acoustic. "It was really a big studio but quite dead and boring, [it] didn't offer anything at all," considered Tomlinson. "They had removable, fold-back screens and all the fold-back screens were on the absorbent side. The first thing I did was turn them around to reflecting screens in various sections and that made a hell of a difference. I turned the screens around and did all sorts of crazy things down there much to the amazement of the staff but it seemed to work so what the hell!"

Even though the Paramount experience lasted a week it created a lasting impression in more ways than one. A memo to scoring staff shortly after Tomlinson's arrival left him amused as it instructed all staff to wear ties after management discovered that he was a well-dressed Englishman. Each morning a secretary would delve into a bag and provide ties to staff who forgot, forcing placement over T-shirts if necessary! "When I went back to The States a couple of years ago I was wandering around MGM, where they had just had a new Neve desk installed, and a guy came up to me and put his arm around me and said 'you were the guy that came and sorted out Paramount with James Horner on Uncommon Valor!' He's a percussionist who came in for a playback and it was really nice to be remembered from a musician's point of view."

Some musicians were in awe of Tomlinson's adroit ability to deliver a finished soundtrack as a live mix. The Michael Kamen score to Highlander was augmented with songs by rock group Queen. "Queen were working in Studio 3 at Abbey Road and I was working in Studio 1 and Brian May came down to see how we were getting on and he stood there and at the end he said 'you do all that in one [pass]?' I said 'yeah, they played it through twice and I've heard it.' He said 'I can't believe it! I can't believe it. That would have taken us about three days to do this three minute piece!' Layering and layering this and that."



Eric Tomlinson balances the London Symphony Orchestra on the Neve mixing desk during recording of Star Wars

# **Supergirl and Synthesisers**

Synthesisers, samplers and other electronic devices have seen increasing prevalence in film scoring. They are a valuable tool to produce mock-ups for directors and producers to gain an appreciation of the way a score will function within their film. Some composers avoid synthesisers completely, a few augment orchestras with them, and a handful deliver scores entirely via synthesiser.

An appreciator of symphonic scores, Eric Tomlinson believes that synthesisers are "very good to augment the orchestras but when they start using them completely I just don't dig it any more."



Rear row: Orchestrator Arthur Morton, film director Michael Crichton, assistant engineer Alan Snelling, music copyist Ernie Locket Front row: Engineer Eric Tomlinson, composer Jerry Goldsmith

Electronics have been associated with film scores from as early 1945 with Miklós Rózsa's scores to *The Lost Weekend* and *Spellbound* unleashing the otherworldly tones of the Theremin to audiences. In the 1970s Jerry Goldsmith was probably the most successful in augmenting orchestras with synthesisers for scores that included *Take a Hard Ride*, *Logan's Run* and *Star Trek – The Motion Picture*.

It was, in fact, synthesisers that concluded Eric Tomlinson's 15 year working relationship with Jerry Goldsmith during recording of **Supergirl** in 1984. "We had two mixers on there. Alan Snelling was running the mixer out in the studio, balancing the synthesisers and sending me in a two-track mix. And then we were shooting it back out into the body of the orchestra, the walls of the Walthamstow Hall, on to two big speakers. And something got a little bit hot somewhere on route and a bit of smoke came out of those speakers. But that was not the reason."

Despite this hiccup, the sessions went well with Goldsmith pleased with the results. It was during dubbing at Pinewood that trouble arose. "Because there were so many synthesisers floating around and squirly sounds the dubbing mixer, Gordon McCallum, said 'this music is crap. I hate it. It's absolute rubbish. I can't sort it out.' And that got back to Jerry Goldsmith who took it the wrong way. He thought he meant the recording was bad but what McCallum was trying to say was that he didn't like all these synthesisers when he already had sound effects which were very, very similar to the music and he couldn't differentiate between the music score and the sound effects. There were just so many squirly sounds going on and he blew his top and started a big inquiry into that."

Due to existing EMI Classical Division bookings at Abbey Road, **Supergirl** was recorded at a number of venues including the Walthamstow Hall, All Saints Church in Tooting and Abbey Road Studio 1. The constant venue changes necessitated long days as demonstrated by the following entries excerpted from Eric Tomlinson's invoicing notes:

Monday, 30 January 1984 – All Saints Church, Tooting 0900 to 1200 – Setting up equipment for recording 1400 to 1730 – Recording session #1 1830 to 2130 – Recording session #2 2230 to 0030 – Recording session #3

Despite a tentative booking in 1985 for *Legend*, Tomlinson and Goldsmith would never work together again following *Supergirl*. This is despite collaborating on many highly regarded scores including *The Boys from Brazil*, *The Great Train Robbery*, *Alien*, *Night Crossing*, *Outland* and *Masada* (the album recording). For much of the remainder of Goldsmith's career, the composer would utilise Bruce Botnick as his scoring mixer of choice and generally record in America rather than London.

# **Freelance**

By the end of 1984 the Anvil-Abbey Road alliance had ceased and both Eric Tomlinson and Alan Snelling were forced to go freelance.

"The classical division of EMI block booked the whole of the year to re-record their catalogue for CD release and were never agreeable to give up any time. That is when we wound it all up."

"The funny thing was when we moved to Abbey Road we were actually the salvation of it because they were just about to cut Abbey Road 1 into

two and put an underground car park in," recalled Tomlinson.



Eric Tomlinson and Basil Poledouris circa 1987

"They were just going to make it into two studios upstairs and a car park underneath, making it into two small pop studios because there was a big decline in classical music recording. The reason I had to go freelance was that when CDs started the EMI Classical division started re-recording the whole catalogue for CD and they completely booked us out."

Although CD was in its infancy in 1984, many record companies were preparing their existing catalogues for conversion to the new format as well as making new digital recordings. "I did a calculation one day, that even if we could fill all the available spaces we couldn't pay our way to stay there at all. We couldn't pay salaries, couldn't do anything, so we wound it up because they booked us out completely. But we were the salvation, I mean Anvil was the salvation of saving that studio and Ken Townsend, who was the then manager, would back me up on this. He said, 'You know without you there that would have been made into two studios and an underground car park,' which would have been sad!"

The classical division had previously bickered with Tomlinson and staff regarding who should record Amadeus. The classical people argued it was classical music whereas Tomlinson contended that it was music for film. Tomlinson was presented with an award for his work and conductor Sir Neville Marriner is said to have been pleased with his engineer's contribution.

Tomlinson suspects that the end of the alliance was probably the reason why Indiana Jones and the Temple of Doom was not scored at Abbey Road. In fact, his 1984 diary reveals a conversation with director Steven Spielberg on 23 February concerning this.

Alan Snelling joined CTS for a year before embarking on music projects in Europe and New York. Tomlinson continued to record at Abbey Road, Olympic, CTS and elsewhere in Europe, most notably Prague and Munich. Basil Poledouris and Michael Kamen were Tomlinson's most regular clients during this period with scores that included Robocop, Cherry 2000, Farewell to the King, Highlander and Suspect. "I enjoyed working with both Basil and Michael, they were jolly people and very good to work with, very appreciative."

The Gulf War prevented Tomlinson from recording Natalie Cole and by the mid 1990s unfavourable exchange rates between the US dollar and English pound saw work become increasingly scarce.

Today, CTS at Bayswater no longer exists having been converted to a block of flats long ago. The Denham scoring stage was demolished in June 1980 following the expiration of Anvil's lease. At the end of the 1990s CTS at Wembley also closed its doors owing to redevelopment of Wembley Stadium. For now Abbey Road remains as the prominent film music recording facility in London.

# **Awards and Recognition**

Star Wars was honoured with an Academy Award for "Best Sound" with Oscars presented to re-recording mixers Don MacDougall, Ray West, Bob Minkler and Derek Ball. Ben Burtt was presented with a "Special Achievement Award" for his creation of alien, creature and robot voices. Composer John Williams was awarded an Oscar for his musical score but Eric Tomlinson was left unrecognised for his contribution to the film's stunning aural landscape. "That has always been a sore point," remarked the engineer.



Toasting the success of the Star Wars recordings John Williams and George Lucas share a drink whilst Gary Kurtz looks on and Eric Tomlinson enjoys a cigar

UK soundtrack album manufacturer PYE presented "Eric Tomlinson and Anvil Films" a gold LP disc for sales of £300,000.

"The only time I very nearly got an Oscar was on Fiddler on the Roof but the Oscar was given to the dubbing mixer Gordon McCallum." Fiddler premiered in December of 1971 in 70mm and 6-track magnetic sound. Gordon McCallum and David Hildyard were presented Oscars for "Best Sound" at the 1972 Academy Award ceremonies and the picture was also awarded a Golden Reel Award for "Best Sound Editing - Dialog."

"The Fiddler on the Roof one really annoyed me because we at Anvil did everything, absolutely everything. We did sound effects, footsteps, dance steps, a lot of the dialog, post synching dialog [ADR], all the music, all the singing, prepared all the tracks. Did everything all the way, right down the line. And the dubbing mixer got the things all complete and put them up and just ran them. And the editor at that time, Dick Carruth, he said 'sounds fantastic. We haven't had to do a thing' and that was that. I was a bit disappointed."

Despite missing opportunities to be nominated for Academy Awards, Eric Tomlinson was presented with the "Ballsup Award" by the Distinguished Audio Engineers Federation (DEAF) in 1980 for "throwing up in the EMI canteen!" Running from approximately 1976 to 1989, DEAF was formed to raise money at charity evenings for deaf children and raised over £100,000 during this time. "They had some fun evenings. I was a founder member of DEAF along with Keith Grant, Malcolm Jackson and a couple of others." Sadly, despite a worthy cause DEAF is no longer active. "It was really just a nice night out for engineers and to raise money for charities and things and it suddenly got commercial. Big companies booked tables and the engineers couldn't get in. It became a big advertising ploy. So it was wound up. Keith Grant couldn't get in. They said, 'Oh, I'm sorry, no, we'll let you know if there's any vacancy.' He said, 'Look I'm a founder member!' 'Sorry, you should have booked before!' You know, it just got out of hand."

Long time colleague and friend, Angela Morley, recorded *The Slipper and the Rose* at Anvil in 1976. "I've known and recorded with Eric since the 1950s. He's a brilliant engineer. When he visited the MGM (now Sony) music scoring studio, Danny Wallin, perhaps the best engineer in Hollywood, apparently introduced Eric as the 'most famous' recording engineer in the world."2

The Cinema Audio Society (CAS) recognised Eric Tomlinson in the category "Outstanding Achievement in Sound" for his work on *Aliens* in 1986 and *Robocop* in 1987.

<sup>&</sup>lt;sup>2</sup> Malone, Chris. Personal correspondence Angela Morley. 18 Apr. 2008.

At the 21st British Academy of Composers, Songwriters and Authors (BASCA) awards in 1995, Eric Tomlinson was presented with a Gold Badge Award for his contribution to the film industry. Composer Ron Goodwin contributed the following to the programme notes:

"Eric Tomlinson and I first met in those heady days when you could have a wonderful night out on a fiver and still have enough money left to pay the fine the next morning. We worked together on some big movies such as Frenzy, The Battle of Britain, Those Magnificent Men in Their Flying Machines, etc and he would always know after the first run-through how to translate what he heard into exciting recorded sound.

Eric is a highly professional and creative recording engineer who helped to revolutionize film music recording in this country, sometimes to the discomfort of traditionalists who seemed to think the music should sound as if it were coming through several layers of blanket before it reached the audience and totally devoid of any presence of life. He won that battle and it is largely due to the integrity and enthusiasm of Eric and his colleagues that we are able to hear such brilliant sounds in the cinema today. More power to his elbow!" 3

# **Eric Tomlinson Today**

Although Eric Tomlinson doesn't listen to as many recordings as he once did, the engineer enjoys the music of his roots, jazz. "I still like listening to jazz late at night. Just lie down with a glass of wine or something and listen to various jazz programs, jazz LPs and albums." Still passionate about recording, Eric Tomlinson continues to work on smaller projects, including jazz albums, and retains a strong interest in film music recording. "I'd love to get back and do some more but unfortunately there's a great lack of orchestral work these days and I certainly wasn't interested in getting into the rock scene. I don't like the time spent getting the drum sound and things like that," teased Tomlinson.

Eric Tomlinson and his wife Joyangela live in Devon, England.



Recording Star Wars with John Williams at Anvil Studios in March 1977 "Eric, with affection and gratitude for so many marvellous recordings" – John Williams 4 "Eric, you've reinstated my faith in 'sound" - Lionel Newman 5

Goodwin, Ron. "Eric Tomlinson." Programme Notes. Gold Badge Awards. BASCA Awards. 1995.

Williams, John. Handwritten note to Eric Tomlinson. Star Wars. Unpublished photograph. 1977.

Newman, Lionel. Handwritten note to Eric Tomlinson. Star Wars. Unpublished photograph. 1977.

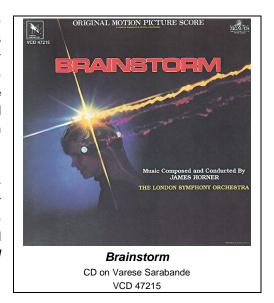
# Appendix A - Eric Tomlinson Must Have Recordings

Over a career that spans some 40 years it is difficult to isolate Eric Tomlinson's "best recordings" when there are so many to select from! Below, I have presented brief capsule summaries of four Eric Tomlinson recordings that I think should be in every record collection.

#### **Brainstorm by James Horner**

**Brainstorm** is amongst James Horner's most innovative and effective scores. Sinister moods for low brass, strings and woodwinds vie against percussive effects, tender classical melodies and atonal passages where even the presence of mixed choir provides unsettling respite. The amative multi-movement "Michael's Gift to Karen" and celestial "Final Playback / End Titles" are highlights of an impressive and absorbing score.

**Brainstorm** is an immaculate recording, made live to two-track JVC DAS-90 digital at Abbey Road in September 1983. The album boasts a massive dynamic range (in the order of 50 dB), incredible staging and a warm, full-bodied sound. "Lillian's Heart Attack" and "Final Playback / End Titles" showcase the dynamic range, clarity and separation to stunning effect.



In July 2009, engineer Joe Gastwirt detailed the challenges faced in mastering *Brainstorm* and early digital recordings:

"Eric Tomlinson did a fine job recording and helped make the mastering process go smoother. As in all projects of that day, I chose to use an all analog mastering chain, maintaining as much character from the original recording as possible.

The final mastered master was also recorded to a JVC 900 two track digital recorder, which sounded much smoother and had less digital artifacts then the competing Sony 1630 of that time. The designers at JVC also had the insight to design a box to transfer the JVC format to the Sony format keeping the sonic integrity of the JVC equipment.

In those days it was always a great challenge to create a warm dynamic master with a product that was captured directly to a digital format. I took great pride in my signal chain not sending the signal through any device that would increase the metallic harshness inherent in digital recording. I also spent countless hours listening to every type of transistor, resistor and capacitor that went into my mastering console, keeping it big warm and musical sounding." <sup>6</sup>

Album produced by James Horner. Mastered by Joe Gastwirt 1983.

<sup>&</sup>lt;sup>6</sup> Malone, Chris. Personal correspondence with Joe Gastwirt. 5 Jul. 2009.

#### **Night Crossing by Jerry Goldsmith**

The complexity, diversity and potency of Goldsmith's gothic musical soundscape in Night Crossing is nothing short of amazing, as is the recording made at Abbey Road in August 1981. A dynamic score that is large and powerful as well as small and intimate. Nuance, intonation and ambience are superbly captured with a real sense of depth and perspective. As with Brainstorm, this recording exhibits a huge dynamic range. The CD was mastered from the 15 IPS 1/2" Dolby A encoded three-channel LCR mixes made during scoring.

Intrada's Douglass Fake adds the following comments:

"It was beautifully recorded, as were so many of Tomlinson's projects. He captured brass and strings together in ways that worked wonders. I was also **Night Crossing** 

CD on Intrada VJF 5004D Limited Edition

particularly fond of the crisp sound he achieved with the low brass during the action portions of The Boys from Brazil. When Tomlinson was at the helm, a fantastic product was certainly in the making" 7

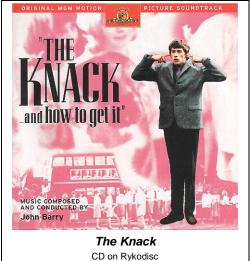
Album produced by Jerry Goldsmith and Douglass Fake. Mastered by Joe Tarantino 1994.

## The Knack by John Barry

An example of John Barry's impressionistic 1960s sound with light and jazzy themes for a swinging London. The "Main Title" combines drum kit, improvised electric organ and brass with a theme led by cellos and humming female voices. Captured live to three-track at CTS Bayswater in 1965, the recording boasts a wide and specific stereo image, uncoloured frequency response and just the right amount of echo. Some minor dynamics processing has been performed for CD presentation.

Mastering engineer Dr. Toby Mountain detailed his work in May 2008:

"The source tape was a 3 track 1/2" 15 IPS master. For all of the 3 track MGM stuff, we contracted a fellow engineer in New York, named Malcolm Addey, to do the A/D transfers.



RCD 10718

Malcolm was quite knowledgeable in this area and explained to me that three track recording was pretty common in the 60s for soundtracks. As with this soundtrack, he always did a beautiful job.

The three tracks were then loaded into the Sonic Solutions work station and edited. My notes tell me that there was little sound processing, just some decrackling and denoising on a few tracks and some very light EQ. I think what you have on the CD was pretty much what was on the tapes."8

Album produced by Andrea Troolin. Mastered by Dr. Toby Mountain 1998.

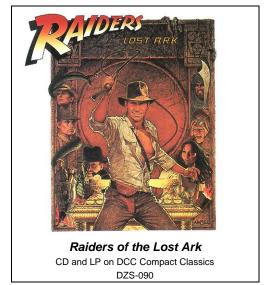
Malone, Chris. Personal correspondence with Douglass Fake. 31 Aug. 2008.

<sup>&</sup>lt;sup>8</sup> Malone, Chris. Personal correspondence with Dr. Toby Mountain. 6 May. 2008.

#### Raiders of the Lost Ark by John Williams

A textbook bold and brassy John Williams score and outstanding recording by made at Abbey Road in February 1981. Other than the stunning sound quality, what makes the DCC disc a wonderfully executed album is that it feels complete even though it misses a few connecting cues. The music ebbs and flows with cross-fades joining some cues and quiet studio ambience, of different length, joining others. This enables full flexibility in re-programming – not that it's needed – and helps move the listener through the various set pieces. It feels like an organic and homogenous listening experience.

The brooding opening jungle cue is brilliant at conveying ambiguity regarding the shadowy character with the whip. The 8 minute "Desert Chase" is a pulse pounding tour de force with antiphonal passages for horns and brasses. The



operatic juxtaposition of the ark and medallion themes during the "Miracle of the Ark" is equally exceptional. It's a score that fits its film perfectly and – along with the distinctive fedora, leather jacket and whip – an indelible mark of the Indiana Jones character.

The album from DCC is such a delight.

Audiophile restoration specialist Steve Hoffman prepared the 1995 double LP and CD from the original two-track 15 IPS Dolby A encoded mix downs. In June 2005 Hoffman described his approach to mastering the album, unrivalled by the more recent remastering that is off-pitch and undergone dynamics processing together with heavy equalisation.

"The tapes needed a bit of 'taming'. I did that with a special vacuum tube insert stage that added much needed 'body' to the music (I thought). Other than that, not much else was needed. George Lucas loved what we did and that made me happy as did Johnny Williams. That was a good thing because our release permit counted on them liking it!" <sup>9</sup>

"Eric has always been a hero of mine; no one does it better!" 10

Album produced by Nick Redman. Mastered by Steve Hoffman 1995.

<sup>&</sup>quot;Mastering the DCC "Raiders of the Lost Ark" soundtrack" Steve Hoffman Music Forums. 5 Jun. 2005. Steve Hoffman. 5 Jun. 2005. <a href="http://www.stevehoffman.tv/forums/archive/index.php/t-54426.html">http://www.stevehoffman.tv/forums/archive/index.php/t-54426.html</a>.

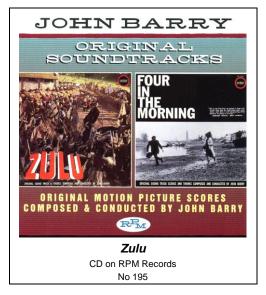
Steve Hoffman Music Forums. 27 Apr. 2008. Steve Hoffman. 27 Apr. 2008. http://www.stevehoffman.ty/forums/showpost.php?p=3041735&postcount=599>

#### **Other Notable Recordings**

Other notable recordings include *The IPCRESS File*, *The Great Train Robbery*, *The Right Stuff* album rerecording, *Aliens* and *Zulu*.

According to Eric Tomlinson's 1985 diary, Bill Conti's *North and South / Right Stuff* album was recorded on 25 November at Abbey Road. Six hours were spent recording between 10:00am and 5:00pm followed by six and a half hours editing between 6:30pm and 1:30am. The finished album was completed within16 hours!

**Zulu** is of particular significance as both the film and score are highly regarded. The film was scored at CTS Bayswater in 1963 and was a pre-Dolby A-type recording – no noise reduction was employed. At that time, CTS used three-track recording as a means of providing separate stems



that were (generally) grouped as follows: strings, woodwinds and harp on track 1; rhythm, percussion and keyboards on track 2; brass and horns on track 3. This enabled rebalance, if necessary, during reduction to mono at dubbing – most films scored at CTS in the early 60s were released in mono. *From Russia with Love* also adopted this technique however by the mid-1960s film music was recorded with a more conventional stereo spread. *Zulu* was the first film that John Richards remembers working on as tape operator and assistant to Eric Tomlinson.

The RPM soundtrack (catalogue no 195) offers the only available true stereo version of the original performance on CD but it is not without several glaring mastering faults. The left and right channels have been switched and many tracks have channel balance issues that should not be present. Furthermore, the signal has been substantially clipped during each track. All of these flaws are the result of a careless transfer from the original materials. Thankfully, however, no detectable digital processing was performed during mastering with the wide stereo image preserved. The CD is therefore representative of the tone and vibrancy captured during scoring.

One of Tomlinson's own favourite recordings, the score conveys much excitement with pounding timpani and a wall of brass. Modern re-recordings have failed to generate the same thrills, intensity and rawness. Keith Grant recorded the *Zulu* "stamps" at Olympic Sound Studios and there are some time alignment issues with several of these pieces. For example, "Monkey Feathers" has a 45 µs error in the left channel.

# Appendix B - Music Recorded By Eric Tomlinson

An incomplete list of Eric Tomlinson's film music recording credits is shown below and arranged in rough chronological order. This information has been sourced from album credits and diary entries. Venue and recording dates are included where confirmed.

Film / Project Title	Composer / Conductor	Recording Venue	Recording Month	Recording Year
Dr. No	Monty Norman John Barry	CTS, Bayswater	June	1962
The Servant	John Dankworth	CTS, Bayswater		1963
From Russia With Love	John Barry	CTS, Bayswater		1963
Charade	Henry Mancini	CTS, Bayswater		1963
Zulu	John Barry	CTS, Bayswater		1963
Never Put it in Writing	Frank Cordell	CTS, Bayswater		1964
A Shot in the Dark	Henry Mancini	CTS, Bayswater		1964
Goldfinger	John Barry	CTS, Bayswater	August	1964
The Knack	John Barry	CTS, Bayswater		1965
The IPCRESS File	John Barry	CTS, Bayswater		1965
King Rat	John Barry	CTS, Bayswater		1965
Four in the Morning	John Barry	CTS, Bayswater		1965
Those Magnificent Men in Their Flying Machines	Ron Goodwin	CTS, Bayswater		1965
Mister Moses	John Barry	CTS, Bayswater		1965
Thunderball	John Barry	CTS, Bayswater	October	1965
The Chase	John Barry	CTS, Bayswater		1966
Born Free	John Barry	CTS, Bayswater		1966
The Trap	Ron Goodwin	CTS, Bayswater		1966
Chitty Chitty Bang Bang	Irwin Kostal Richard M. Sherman Robert B. Sherman	Anvil, Denham		1968
2001 A Space Odyssey (rejected scores)	Alex North Frank Cordell	Anvil, Denham Anvil, Denham		1968
The Avengers (TV)	Laurie Johnson	Anvil, Denham		1968
Oh! What a Lovely War	Alfred Ralston	Anvil, Denham		1969
Battle of Britain	Sir William Walton Ron Goodwin	Anvil, Denham Anvil, Denham	February	1969 1969
The Private Life of Sherlock Holmes	Miklós Rózsa	Anvil, Denham		1970
Ryan's Daughter	Maurice Jarre	Anvil, Denham	July	1970
Jane Eyre (TV)	John Williams	Anvil, Denham		1970
Fiddler on the Roof	John Williams	Anvil, Denham		1971
Endless Night	Bernard Herrmann	Anvil, Denham		1971
The Barkleys (TV cartoons)	Doug Goodwin	Anvil, Denham		1972
Frenzy	Ron Goodwin	Anvil, Denham		1972
Sleuth	John Addison	Anvil, Denham		1972
Sisters	Bernard Herrmann	Anvil, Denham		1973
High Velocity	Jerry Goldsmith	Anvil, Denham		1974
The Man Who Would Be King	Maurice Jarre	Anvil, Denham		1975
Take a Hard Ride	Jerry Goldsmith	Anvil, Denham		1975
Ransom	Jerry Goldsmith	Anvil, Denham		1975
The Slipper and the Rose	Angela Morley Richard M. Sherman Robert B. Sherman	Anvil, Denham		1976
The Seven-Per-Cent Solution	John Addison	Anvil, Denham		1976
The Message	Maurice Jarre	Anvil, Denham		1976
Star Wars	John Williams	Anvil, Denham	March	1977
Disappearance	Robert Farnon	Anvil, Denham	June	1977
Jesus of Nazareth (TV)	Maurice Jarre	Anvil, Denham		1977
The Boys from Brazil	Jerry Goldsmith	Anvil, Denham		1978
The Fury (album)	John Williams	All Saints Tooting	February	1978
Bear Island	Robert Farnon	Anvil, Denham	1 2 2 2	1978
Damien: The Omen II (album)	Jerry Goldsmith	Anvil, Denham		1978
Capricorn One (album)	Jerry Goldsmith	,		1978
Superman	John Williams	Anvil, Denham	July	1978
Who is Killing the Great Chefs of Europe?	Henry Mancini	, 2 5		1978
Quintet	Tom Pierson	Anvil, Denham	October	1978
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Film / Project Title	Composer / Conductor	Recording Venue	Recording Month	Recording Year
The Magician of Lublin	Maurice Jarre	Anvil, Denham	February	1979
Alien	Jerry Goldsmith	Anvil, Denham		1979
Meetings with Remarkable Men	Laurence Rosenthal	Anvil, Denham		1979
Dracula	John Williams	Anvil, Denham	April	1979
The Great Train Robbery	Jerry Goldsmith	Anvil, Denham	April	1979
The Empire Strikes Back	John Williams	Anvil, Denham	December	1979
Caboblanco	Jerry Goldsmith	Anvil, Denham		1980
Flash Gordon	Howard Blake Queen	Anvil, Denham	June	1980
The Lion of the Desert	Maurice Jarre	Abbey Road	August	1980
Eye of the Needle	Miklós Rózsa	Abbey Road	January	1981
(Subsequently recorded in Germany in June 1981)				
Venom	Michael Kamen		February	1981
Raiders of the Lost Ark	John Williams	Abbey Road	February	1981
Outland	Jerry Goldsmith	Abbey Road	March	1981
Dragonslayer	Alex North	Abbey Road	April	1981
The Slayer	Robert Folk	Abbey Road	April	1981
Watcher in the Woods	Georges Delerue		June	1981
Night Crossing	Jerry Goldsmith	Abbey Road	August	1981
Masada (album)	Jerry Goldsmith	Abbey Road	, lagaot	1981
The Final Conflict	Jerry Goldsmith	Abbey Road	1	1981
Death Wish 2	David Whitaker	ADDEY NOAU	October	1981
Guerre du feu	Philippe Sarde		November	1981
(Quest for Fire)	Philippe Sarde		November	1901
The Dark Crystal	Trevor Jones	Abbey Road	January	1982
Britannia Hospital	Alan Price		February	1982
Brimstone and Treacle	Michael Nyman Sting		February	1982
Monsignor	John Williams	Abbey Road	August	1982
First Blood	Jerry Goldsmith	/ 1.000 y 1.10 dd	August	1982
The Royal Romance of Charles and Diana (TV)	David Palmer		August	1982
Charles & Diana: A Royal Love Story (TV)	John Addison		August	1982
The Wicked Lady	Tony Banks		August	1982
Amadeus	Sir Neville Marriner	Abbey Road	January	1983
Return of the Jedi	John Williams	Abbey Road & Olympic Sound	January	1983
Été Meurtrier (One Deadly Summer)	Georges Delerue	Olympic Count	February	1983
The Keep	Tangerine Dream		February	1983
The Dead Zone	Michael Kamen	Abbey Road	robradiy	1983
Brainstorm (album)	James Horner	Abbey Road	September	1983
The Dresser	James Horner	Olympic Sound	September	1983
Uncommon Valor	James Horner	Paramount Stage "M"	Осртствет	1983
Supergirl	Jerry Goldsmith	Abbey Road,	January,	1984
		Walthamstow Hall,	January,	1984
		CTS,	January,	1984
		All Saints Tooting	April	1984
The Razor's Edge	Jack Nitzsche	Abbey Road	February	1984
Top Secret	Maurice Jarre	Abbey Road	March	1984
The Philadelphia Experiment	Ken Wannberg	Abbey Road	May	1984
Arc of Triumph (TV)	Georges Delerue		July	1984
Mata Hari	Wilfred Josephs	Budapest	August	1984
Brazil	Michael Kamen	Abbey Road	September	1984
Not Quite Jerusalem	Gian Piero Reverberi Rondo Veneziano	Olympic Sound	October	1984
Mesmerised	Georges Delerue	Olympic Sound	November	1984
Return to Oz	David Shire	Abbey Road	December	1984
Lifeforce	Henry Mancini	Abbey Road	December	1984
Flesh + Blood	Basil Poledouris	Abbey Road	February	1985
D.A.R.Y.L.	Marvin Hamlisch	Olympic Sound	April	1985
Plenty	Bruce Smeaton	Abbey Road &	April	1985
,	2.000 01100001	Olympic Sound	, , , , , , ,	1.000

Film / Project Title	Composer / Conductor	Recording Venue	Recording Month	Recording Year
Lifeforce (one session)	Michael Kamen	Abbey Road	May	1985
Eleni	Bruce Smeaton	Olympic Sound	June	1985
Volunteers	James Horner	Abbey Road	June	1985
Young Sherlock Holmes	Bruce Broughton	Abbey Road	September	1985
Highlander	Michael Kamen	Abbey Road	October	1985
Labyrinth (mixing and overdubs)	Trevor Jones	Abbey Road	October	1985
F/X	Bill Conti	Olympic Sound	November	1985
The Right Stuff / North and South (album)	Bill Conti	Abbey Road	November	1985
Haunted Honeymoon	John Morris		April	1986
Aliens	James Horner	Abbey Road	May	1986
An American Tail	James Horner	Abbey Road	June	1986
The Penitent	Alex North		December	1986
Robocop	Basil Poledouris	Abbey Road	May	1987
Suspect	Michael Kamen	Abbey Road	August	1987
Cherry 2000	Basil Poledouris	Budapest		1987
The Adventures of Baron Munchausen	Michael Kamen	Munich & Abbey Road		1988
Farewell to the King	Basil Poledouris	Budapest		1989
Batman	Danny Elfman	CTS, Wembley		1989
Arabian Knight	Robert Folk	Abbey Road	October	1992
(The Thief and the Cobbler)				
The Dark Half	Christopher Young	Munich		1993
In the Army Now	Robert Folk	CTS, Wembley		1994
Twelve Monkeys	Paul Buckmaster	CTS, Wembley		1995

# Other recording projects by Eric Tomlinson:

Project Title	Artist	Recording Venue	Recording Year
Last Train – From Tennessee to Taree	Johnny Duncan	IBC, Portland Place	
Great Songs from Great Britain	Frank Sinatra	CTS, Bayswater	1962
Annie Ross Sings a Handful of Songs	Annie Ross	CTS, Bayswater	1963
Stardust	Stephane Grappelli	Anvil, Denham	1973
Christmas Portrait	The Carpenters		1978
Symphony Sessions	David Foster		1981
An Old Fashioned Christmas	The Carpenters	Abbey Road	1984
About Face	David Gilmour		1984
A Kind of Magic	Queen		1986
Skyline Firedance	David Lanz	Abbey Road 2	1990
War: Classic War Film Themes	City of Prague Philharmonic Orchestra	Smecky, Prague	1997